DOCUMENT NO.:	4.1	REV. NO.: 0)

1.	Owner _	Exelon Nuclear			Date 9/18/06			
	4300 Wini	۱ field Road, Warre	lame enville, IL		Sheet 1		of 1	
2.		Ad Byron Nuclear P	ddress ower Station		Unit 01			
	4450 N. G	n erman Church R	lame oad, Byron, IL		Work Order No.	9902444	6-01	
•		Ac	ldress		Repair Or	ganization,	P.O. No., Job No., e	etc.
3.	Work Perf	ormed by NP	S & W VENTURE	<u> </u>	Type Code Symbo		Not Applica	able
	36400 S. E	Essex Road. Wilr	Name nington, IL 60481		Authorization No. Expiration Date		Applicable pplicable	
•			ldress					
4.	Identification	on of System	Chemical & Volu	me Contr	ol - CV			
5.	(b) Applic		ection XI Used for F		19 71 Edition, Solacement Activity			Code Case Addenda
6.	Identification	on of Components	•					
	Name of omponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
RELIE	F VALVE,	CROSBY VALVE & GAGE	N56897-00-0038	N/A	1CV8120	1992	Removed	YES
RELIE 3" x 4"	F VALVE,	CROSBY VALVE & GAGE	N56897-00-0018	N/A	1CV8120	1976	Installed	YES
		-						
· · · · · · · · · · · · · · · · · · ·								
_								
- 								
_								
7.	Description	of Work REF	LACE RELIEF VA	LVE FOR	1CV8120			
8.	Test Condu	•	_	matic 🗌	Nominal Opera	_		empt [
		Other [Pressure	18_	psi Test	Temp	72	٥Ł

9. Remarks <u>WO# 99024446-01</u>	Applicable Manufacturer's Data Reports to be attached
	Applicable Manufacturer 3 Data Neports to be attached
	CERTIFICATE OF COMPLIANCE
I certify that the statements made	in the report are correct and this conforms to the requirements of the ASME
code, Section XI.	·
ype Code Symbol Stamp	Not Applicable
ertificate of Authorization No.	Not Applicable
igned So	RRR Cool Date 12/1/ ,20 86
	or Owner's Designee, Title
	·
CEI	RTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid	commission issued by the National Board of Boiler and Pressure
Vessel Inspectors and the State of	•
of Hartford, CT have inspec	ted the components described in this Owner's Report during the period
1/3/06 to 1/1/06	, and state that to the best of my knowledge and belief,
	ations and taken corrective measures described in this Owner's
•	uirements of the ASME Code, Section XI.
•	he Inspector nor his employer makes any warranty, expressed or
	ons and corrective measures described in this Owner's Report.
•	r nor his employer shall be liable in any manner for any personal
•	s of any kind arising from or connected with this inspection.
injury or property gamage or a los	
Inspector's Signature	Commissions 126-1254 National Board, State Province, and Endorsements
Date: <i>Dcc. 1/</i> ,2	0 06

1.	Owner	Exelon Nu	clear	····	Date05	/18/05			
	4300 W	infield Road, W	Name arrenville, IL 60	555	Sheet	1	0	f <u>1</u>	
2.	Plant	Byron Nuc	Address clear Power Stat	ion	Unit 01				
-	4450 N.	German Churc	Name h Road, Byron, Address	IL 61010		er No. 0043 Repair Organiza)1 D. No., Job No., et	C.
3.	Work Po	•	Byron Mechanic Maintenance	cal	Type Code	Symbol Sta	ımp	Not Applica	ble
-	4450 N.	German Churc	Name h Road, Byron, Address	IL 61010	Authorization l	***		plicable licable	
4.	Identific	ation of System	1A DG - DIE	SEL GENERA	TOR				
5. 6.	(b) App (c) Sec	olicable Edition of ction XI Code Ca	tion Code <u>Se</u> f Section XI Utiliz ses used, <u>h</u> ents Repaired or	ed for Repairs N/A	•	nent Compo	nents		Code Case
····	Iderrino	1	T T T T T T T T T T T T T T T T T T T	r copiacoa ana	T		· · · ·		
	me of ponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identifica			Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No
3/4"-10 STUD)	Cooper Energy Services	N/A	N/A	1DG01KA	197	78	REPLACED	NO
3/4"-10 STUD)	Nova Machine Products	HT: 223432 Code: K495	N/A	CAT. ID# 37 1DG01KA	094 200	04 R	EPLACEMENT	NO
·									
				· ·					··· · · · · · · · · · · · · · · · · ·
			REPLACE 3/4"-10 T WATER PUMF				READ	ENGAGEMEN	IT.
		DUILINE IN DUCKE	I WALLE LOIME	JUC HUNE	A ANOION	OIN I			
_	Γest Con		static					Pressure 🔲	

e. Rema	rks WO# 00437574-0	01	
		Applicable Manufacturer's Data	Reports to be attached
· · · · · · · · · · · · · · · · · · ·		OF DIFFERENCE OF COMPLIA	NOF
	L - 1 1 L 1 - 1	CERTIFICATE OF COMPLIA	
-		ide in the report are correct and this	REPLACEMENT conform to the repair or replacement
	ASME Code, Section		
•	Symbol Stamp	· · · · · · · · · · · · · · · · · · ·	oplicable
	of Authorization No.	T RRR Concl	Applicable
gned _		vne) or Owner's Designee, Title	Date 6/1, 20 65
	C	ERTIFICATE OF INSERVICE IN	SPECTION
I, the und	lersigned, holding a va	alid commission issued by the Nationa	al Board of Boiler and Pressure
Vessel Ir	spectors and the Stat	e or Province of Illinois	and employed by HSB CT
of Har		ected the components described in the	nis Owner's Report during the period
5/11/0	5 to 0/2/0:	······································	of my knowledge and belief,
the Owne	er has performed exan	ninations and taken corrective measu	res described in this Owner's
Report in	accordance with the	requirements of the ASME Code, Sec	tion XI.
, ,	•	er the Inspector nor his employer mak	•
•	•	ations and corrective measures desc	•
	•	ctor nor his employer shall be liable in	• •
injury or p	property damage or a	loss of any kind arising from or conne	<u></u>
-9KI	mallelle	Commissions	111-1254
•	Inspector's Signature		ational Board, State Province, and Endorsements
Date:	June 2	, 20 <i>05</i>	

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENT

			As Required by	the Provision	ns of the ASME Code	Sectio	n XI				
1.	Owne	r <u>Exelon Nucl</u>		***************************************	Date 5/18/05						
	4300 Winfield Rd. Warrenville, II. 60555 Address				Sheet 1 of 1						
2.	Plant	Byron Nuclea	r Power Station	1	Unit <u>01</u>						
	4450	N. German Chu	Name Irch Road, Byro	on, II.	Work Order No. 005	596632 -	01				
3.			Address Byron Mechanic			nbol Sta ot Applic					
4.			rch Road, Byro Address m [DG] DIESEL		•	r Applic	able				
5.	(b) Ap	oplicable Edition	,	tilized for Repa	4 Edition, S/75 Add			Code Case			
6.	Identifi	ication of Comp	onents Repaired	or Replaced a	and Replacement Co	mponent	ts				
	ne of conent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)			
UPPER FLTG H	JW	AMERICAN STANDARD	S/N:9-20003-06-1	32693	ETN: 1DG01KA-X1	1978	REPLACED .	YES			
UPPER .		ENERGY STEEL & SUPPLY CO.	S/N:NPT31848-1	N/A	CAT ID 1406144 ETN: 1DG01KA-X1	2005	REPLACEMENT	YES			
UPPER . END CV	JW R: FLTG	AMERICAN STANDARD	S/N:9-20003-06-1	32693	ETN: 1DG01KA-X1 EAST END	1978	REPLACED	YES			
UPPER . END CV	JW R: FLTG	CONSOLIDATED POWER	S/N: NBN33537-1	N/A	CAT ID 1390433 ETN: 1DG01KA-X1	1979	REPLACEMENT	NO			

Name of Component	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	Replaced, or Replacement	Code; Stamped (Yes or No)	
UPPER JW FLTG HEAD	AMERICAN STANDARD	S/N:9-20003-06-1	32693	ETN: 1DG01KA-X1	1978	REPLACED .	YES	}
UPPER JW FLTG HEAD	ENERGY STEEL & SUPPLY CO.	S/N:NPT31848-1	N/A	CAT ID 1406144 ETN: 1DG01KA-X1	2005	REPLACEMENT	YES '	}
UPPER JW END CVR: FLTG	AMERICAN STANDARD	S/N:9-20003-06-1	32693	ETN: 1DG01KA-X1 EAST END	1978	REPLACED	YES	}
UPPER JW END CVR: FLTG	CONSOLIDATED POWER	S/N: NBN33537-1	N/A	CAT ID 1390433 ETN: 1DG01KA-X1	1979	REPLACEMENT	NO	ł
UPPER JW END CVR: STA.	AMERICAN STANDARD	S/N:9-20003-06-1	32693	ETN: 1DG01KA-X1 WEST END	1978	REPLACED	NO ·	}
UPPER JW END CVR: STA. HD	CONSOLIDATED POWER	S/N: NBN33537-2	N/A	CAT ID 1390433 ETN: 1DG01KA-X1	1979	REPLACEMENT	NO .	}
					ļ			

7.	Description of W	ork REPLACE F	LOATING CHAI	NEL HE	AD AND END C	OVERS		
8.	Test Conducted:	Hydrostatic	Pneumatic 🔲	Nominal	Operating Pres	sure 🛚		
		Other \square	Pressure 6.7	psi	Test Temp	170	°F	

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11

(2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form. This form has been electronically generated.

RemarksWork Order 00596632-01
Applicable Manufacturer's Data Reports to be attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this Replacement conforms to the rules
the ASME Code, Section XI.
Type Code Symbol Stamp Not Applicable
Certificate of Authorization No. Not Applicable Expiration Date Not Applicable
Signed Date 7/15 ,20 05
,
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
Inspectors and the State or Province of Illinois and employed by HSB CT. of Hartford, CT have inspected the components described in this Owner'
Report during the period 4///5 to 2/8/5, and state that to the best
my knowledge and helief, the Dyner has performed examinations and taken corrective measures described in
Owner's Penort in accordance with the requirements of the ASME Code. Section XI
my knowledge and belief, the Owner has performed examinations and taken corrective measures described Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied,
concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither
Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of
any kind arising from or connected with this inspection.

1.	Owne	er <u>Exelon Nucl</u>	ear Name		Date <u>5/18/05</u> Sheet 1 of <u>1</u>					
	4300	Winfield Rd. W	arrenville, II. 60	555 S						
2.	Plant	Byron Nuclea	r Power Station	ı L	Jnit <u>01</u>					
	4450	N. German Chu	Name Irch Road, Byro	on, II. V	Work Order No. 00596747-01					
-	4450 I	N. German Chu	Address Byron Mechanic Name Irch Road, Byro Address m [DG] DIESEL	on, II. E	Repair Type Code Symbouthorization No. Notes	ol Stam L Appli o	able			
((a) Ar	oplicable Constr	uction Code Se	ction III 1974	Edition, S/75 Add	enda.N	/A	Code Case		
·	, , .	•	Section XI Code onents Repaired		d Replacement Con	nponent	S Repaired.	1 AGUE		
		§ .	1		i	1		ASME		
Name o		Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	Replaced, or Replacement	Code; Stamped (Yes or No)		
Compon WER JV	N N						Replaced, or Replacement REPLACED	Code; Stamped (Yes or No)		
Compon OWER JV TG HEA OWER JV	N N N N	Manufacturer AMERICAN	Serial No.	No.	Identification	Built	or Replacement	(Yes or No)		
Compon- WER JV TG HEA WER JV TG HEA WER JV	N N N N N N	Manufacturer AMERICAN STANDARD ENERGY STEEL	Serial No. S/N:9-20003-07-1	32694	ETN: 1DG01KA-X2 CAT ID 1406144	1978	or Replacement REPLACED	(Yes or No) YES		
Compon- WER JV TG HEA WER JV TG HEA WER JV D CVR: WER JV	N N N N N N FLTG	Manufacturer AMERICAN STANDARD ENERGY STEEL & SUPPLY CO. AMERICAN STANDARD ENERGY STEEL	Serial No. S/N:9-20003-07-1 S/N:NPT31848-2 S/N:9-20003-07-1 S/N:	No. 32694 N/A 32694	CAT ID 1406144 ETN: 1DG01KA-X2 CAT ID 1406144 ETN: 1DG01KA-X2 ETN: 1DG01KA-X2 West End CAT ID 1390433	1978 2005 1978	or Replacement REPLACED REPLACEMENT REPLACED	YES YES NO		
Compon- DWER JV TG HEA DWER JV TG HEA DWER JV ID CVR: DWER JV ID CVR:	MAD N AD N FLTG V FLTG V	Manufacturer AMERICAN STANDARD ENERGY STEEL & SUPPLY CO. AMERICAN STANDARD	Serial No. S/N:9-20003-07-1 S/N:NPT31848-2 S/N:9-20003-07-1	32694 N/A	CAT ID 1406144 ETN: 1DG01KA-X2 CAT ID 1406144 ETN: 1DG01KA-X2 ETN: 1DG01KA-X2 West End	1978 2005	or Replacement REPLACED REPLACEMENT	YES YES		
Compon- WER JV TG HEA WER JV ID CVR: WER JV ID CVR: WER JV ID CVR: WER JV	ent N N N N N FLTG V FLTG V STA.	Manufacturer AMERICAN STANDARD ENERGY STEEL & SUPPLY CO. AMERICAN STANDARD ENERGY STEEL & SUPPLY CO. AMERICAN	Seriel No. S/N:9-20003-07-1 S/N:NPT31848-2 S/N:9-20003-07-1 S/N: NBN33533-1	No. 32694 N/A 32694 N/A	CAT ID 1406144 ETN: 1DG01KA-X2 CAT ID 1406144 ETN: 1DG01KA-X2 ETN: 1DG01KA-X2 West End CAT ID 1390433 ETN: 1DG01KA-X2 ETN: 1DG01KA-X2	1978 2005 1978 1979	or Replacement REPLACED REPLACEMENT REPLACED REPLACEMENT	YES YES NO NO		
	ent N N N N N FLTG V FLTG V STA.	Manufacturer AMERICAN STANDARD ENERGY STEEL & SUPPLY CO. AMERICAN STANDARD ENERGY STEEL & SUPPLY CO. AMERICAN STANDARD ENERGY STEEL & SUPPLY CO. AMERICAN STANDARD ENERGY STEEL	Serial No. S/N:9-20003-07-1 S/N:NPT31848-2 S/N:9-20003-07-1 S/N: NBN33533-1 S/N:9-20003-07-1 S/N:	No. 32694 N/A 32694 N/A 32694	CAT ID 1406144 ETN: 1DG01KA-X2 CAT ID 1406144 ETN: 1DG01KA-X2 ETN: 1DG01KA-X2 West End CAT ID 1390433 ETN: 1DG01KA-X2 ETN: 1DG01KA-X2 ETN: 1DG01KA-X2 CAT ID 1390433	9uit 1978 2005 1978 1979 1978	or Replacement REPLACED REPLACEMENT REPLACED REPLACEMENT REPLACED	YES YES NO NO NO		
Compon- DWER JV TG HEA DWER JV TG HEA DWER JV ID CVR: DWER JV ID CVR: DWER JV ID CVR: DWER JV ID CVR:	ent N N D N N FLTG V FLTG V STA. V STA.	Manufacturer AMERICAN STANDARD ENERGY STEEL & SUPPLY CO. AMERICAN STANDARD ENERGY STEEL & SUPPLY CO. AMERICAN STANDARD ENERGY STEEL & SUPPLY CO.	Serial No. S/N:9-20003-07-1 S/N:NPT31848-2 S/N:9-20003-07-1 S/N: NBN33533-1 S/N:9-20003-07-1 S/N: NBN33538-2	No. 32694 N/A 32694 N/A 32694 N/A	CAT ID 1406144 ETN: 1DG01KA-X2 CAT ID 1406144 ETN: 1DG01KA-X2 ETN: 1DG01KA-X2 West End CAT ID 1390433 ETN: 1DG01KA-X2 ETN: 1DG01KA-X2 ETN: 1DG01KA-X2 CAT ID 1390433	9uit 1978 2005 1978 1979 1978 1979	or Replacement REPLACED REPLACEMENT REPLACEMENT REPLACEMENT REPLACED REPLACEMENT	YES YES NO NO NO		

This form has been electronically generated.

the number of sheets is recorded at the top of this form.

	RemarksWork Order 00596747-01 Applicable Manufacturer's Data Reports to be attached
	Applicable manufacturer's data reports to be attached
_	
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this Replacement conforms to the rule the ASME Code, Section XI.
	THE ASMIE CODE, SECTION XI. repair or replacement
	Type Code Symbol Stamp Not Applicable
	Certificate of Authorization No. Not Applicable Expiration Date Not Applicable
	500 OR 01
	Signed Date 7/15 ,20 05
	CERTIFICATE OF INSERVICE INSPECTION
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
	Inspectors and the State or Province of Illinois and employed by HSB CT.
	of Hartford, CT have inspected the components described in this Owne
	Report during the period 4/4/05 to 2/18/05, and state that to the best
	my knowledge and belief, the Owner has performed examinations and taken corrective measures described in
	Owner's Report in accordance with the requirements of the ASME Code, Section XI.

1.	1. Owner Exelon Nuclear Name					Date _	05/19/05	
		4300 Winfi	ield Rd. Warrenvill Address	e, IL 6055	55	Sheet _	1 of <u>1</u>	
2.	Plant _	Byron	Nuclear Power Sta	ation		Unit _	01	
	_	4450 N. Germa	an Church Rd. Byre Address	on, IL 610			rder: 99157436-01 ation P.O., Job No	
3.		N. German Chu	Byron Mechaurch Rd. Byron, IL			No	tamp <u>Not Applica</u> Not Applicable Not Applicable	ble
4.	Identific		DIESEL GENE	RATOR [C	•		тот дриодые	
5.6.	(b) Ap (c) Se	oplicable Edition ection XI code C	ruction Code <u>Section</u> of Section XI Utiliz cases used, <u>N/</u> nents Repaired or	zed for Rep	pairs or Replace	ements	19 89	de Case
	ne of nponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
2X:	RELIEF VLV	CROSBY	N60542-00-0013	. N/A	1DG5030A	1997	REPLACED	YES
2X3	RELIEF VLV	CROSBY	N60542-00-0006	N/A	1DG5030A	1978	REPLACEMENT	YES
7.	Descript	ion of Work	REPLACE RELIEF \	/LV. WITH	PRE-TESTED R	ELIEF V	LVPM REQUIREM	NT
3.	Test Cor		drostatic ner Pressure	Pneumati 48		nal Ope st Temp	erating Pressure 144°F	\boxtimes

CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this REPLACEMENT repair or replacement conform to the rules of the ASME Code, Section XI. Type Code Symbol Stamp Not Applicable Certificate of Authorization No. Not Applicable Signed Date 5/31, 20 05 CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of Illinois and employed by H.S.B. C.T. of Hartford, C.T. Haye inspected the components described in this Owner's Report during the perior of Hartford, C.T. Haye inspected the components described in this Owner's Report during the perior of Hartford, C.T. Haye inspected the components described in this Owner's Report during the perior of Hartford, C.T. Haye inspected the components described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions Commissions National Board, State, Province, and Endorsements National Board, State, Province, and Endorsements	9.	Remarks	WO#99157436-01
We certify that the statements made in the report are correct and this REPLACEMENT repair or replacement conform to the rules of the ASME Code, Section XI. Type Code Symbol Stamp Not Applicable Certificate of Authorization No. Not Applicable Signed Date 5/31, 20 05 CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of Illinois and employed by H.S.B. CT. of Hartford, C.T. Have inspected the components described in this Owner's Report during the period of the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions Abbonal Board, State, Province, and Endorsements			Applicable Manufacturer's Data Reports to be attached
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We certify that the statements made in the report are correct and this REPLACEMENT repair or replacement conform to the rules of the ASME Code, Section XI. Type Code Symbol Stamp Not Applicable Certificate of Authorization No. Not Applicable Signed Date 5/31, 20 05 CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of Illinois and employed by H.S.B. CT. of Hartford, CT. Have inspected the components described in this Owner's Report during the periodial form of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions (ALL - 154) National Board, State, Province, and Endorsements	-		
We certify that the statements made in the report are correct and this REPLACEMENT repair or replacement conform to the rules of the ASME Code, Section XI. Type Code Symbol Stamp Not Applicable Certificate of Authorization No. Not Applicable Signed Date 5/31, 20 05 CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of Illinois and employed by H.S.B. CT. of Hartford, C.T. Have inspected the components described in this Owner's Report during the period of the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions Abbonal Board, State, Province, and Endorsements	-		
We certify that the statements made in the report are correct and this REPLACEMENT repair or replacement conform to the rules of the ASME Code, Section XI. Type Code Symbol Stamp Not Applicable Certificate of Authorization No. Not Applicable Signed Date 5/31, 20 05 CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of Illinois and employed by H.S.B. CT. of Hartford, CT. Have inspected the components described in this Owner's Report during the period of the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions National Board, State, Province, and Endorsements			
rules of the ASME Code, Section XI. Type Code Symbol Stamp Not Applicable Certificate of Authorization No. Not Applicable Signed Date 5/31 , 20 DT CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of Illinois and employed by H.S.B. CT. of Hartford, CT. Have inspected the components described in this Owner's Report during the period of Hartford, CT. Have inspected the components described in this Owner's Report during the period of Hartford, CT. Have inspected the components described in this Owner's Report during the period of Hartford, CT. Have inspected the components described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions ILL - 1854 National Board, State, Province, and Endorsements National Board, State, Province, an			CERTIFICATE OF COMPLIANCE
Type Code Symbol Stamp Not Applicable Certificate of Authorization No. Not Applicable Signed Date 5/31 , 20 DT CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of Illinois and employed by H.S.B. CT. of Hartford, CT. Have inspected the components described in this Owner's Report during the period of Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions National Board, State, Province, and Endorsements	We	certify that th	ne statements made in the report are correct and this REPLACEMENT conform to the
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injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions LL - 254 National Board, State, Province, and Endorsements			
Commissions // / / / / / / / / / National Board, State, Province, and Endorsements			
		Mulle	Commissions 111-1254
Date 71144 31 , 20 05		- 1	nspector's Signature National Board, State, Province, and Endorsements
Date ///// 3/ , 20 0 =			
	Date	MA	, 20 <u>03</u>

2. Plant	Winfield Rd. W	Name		Date <u>5/17/05</u>				
		Varrenville, II. 60	0555	Sheet 1 of _	1	- 		
4450 I	Byron Nuclea	ar Power Statio	n	Unit <u>01</u>				
	N. German Ch	Name urch Road, Byr	on, II.	Work Order No. 00734954-01				
4450 M	N. German Ch	Name urch Road, Byro Address em [DO] Diesel	o n, II .	ce Type Code Symb Authorization No. <u>No</u> Expiration Date <u>No</u>	ol Štamp ot Applic ot Applic	cable cable	le	
(a) Ap	oplicable Const	ruction Code Se	ection III 19 / /	Edition, S/77 Ad	denda <u>,N</u>	/A	_ Code Ca	
	•	Section XI Code		one nd Replacement Co	mponent	ts		
Name of	Name of	Manufacturer Control No.	National Board	Other	Year	Repaired, Replaced,	ASME Code; Stamped	
Component lief Valve	Manufacturer Crosby Valve	Serial No. N62578-00-0009	N/A	ETN: 1DO020A	1980	or Replacement Replaced	(Yes or No)	
lief Valve	Crosby Valve	N62578-00-0011	N/A	Cat Id# 1403705 ETN: 1DO020A	1980	Replacement	Yes	
				·				
			_					
1		·				·		
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						7		

	RemarksW/O# 00734954-01
	Applicable Manufacturer's Data Reports to be attached
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this REPLACEMENT conforms to the rule
	the ASME Code, Section XI. repair or replacement
	Type Code Symbol Stamp Not Applicable
	Type Gode Cymbol Clamp - Not Applicable
	Certificate of Authorization No. Not Applicable Expiration Date Not Applicable
	Certificate of Authorization No. Not Applicable Laplication Date Not Applicable
	Signed 1 SA RRR Cand. Date 5/30 ,2005
	Signed RRR Coord. Date 5/30 ,2005
_	CERTIFICATE OF INSERVICE INSPECTION
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
	Inspectors and the State or Province of Illinois and employed by HSB CT.
	of Hartford, CT have inspected the components described in this Owner
	Report during the period 3/3//05 to 5/3//05, and state that to the be
	my knowledge and belief, the Owner has performed examinations and taken corrective measures described in
	Owner's Report in accordance with the requirements of the ASME Code, Section XI.
	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied,
	concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither
	Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss
	any kind arising from or connected with this inspection.
	Commissions //2-/23 9

	4300	Winfield Rd. V	Varrenville, II. 60 Address	555 S				
2.	Plant	Byron Nucle	ar Power Station	U	nit <u>01</u>			
	4450	N. German Ch	urch Road, Byro	on, II. W	ork Order No. 0073			
3.			Address Byron Mechanic Name urch Road, Byro	A	Repair Code Symbouthorization No. Not	l Stamp Applica	able	
4.			Address em [DO] DIESEL		<u> </u>	. фр		
5.		-			Edition, S/77 Adde	enda,N/A	4	Code Cas
					or Replacement Co			
6.	Identifi	cation of Comp	oonents Repaired	or Replaced and	l Replacement Com	ponents	Repaired,	ASME
	ame of apponent	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	Replaced, or Replacement	Code; Stamped (Yes or No)
/alve C	Complete	Crosby Valve	S/N: N62578-00-0014	N/A	ETN:1DO020C	1980	Replaced	Yes
/alve C	omplete	Crosby Valve	S/N: N62578-00-0012	N/A	ETN:1DO020C CAT ID# 1403705	1980	Replacement	Yes
<u></u>			1					
					·			

		Applicable Manufacturer's Data		
		ERTIFICATE OF COM		
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		ERTIFICATE OF COM		
	that the statements made in		VIPLIANCE	
	mat the statements made in	the report are correc	t and this REPLACEMENT co	onforms to the rul
the ASME	Code, Section XI.	•	repair or replacement	
Type Code	Symbol Stamp Not Ap	plicable		
	-			
Certificate	of Authorization No. Not A	pplicable	Expiration Date Not Ap	pplicable
	1 600 00	0 0		
Signed	do Sito	in Cook	Date_\(\sigma\)/30	,20 05
	Owing & Country & Describing	, 1 696		
	CERTIF	ICATE OF INSERVIC	E INSPECTION	
			e National Board of Boiler and P	
	and the State or Province of		and employed by HSB CT	
of Hartfor		have i	inspected the components desc	
D = = = = = = = = = = = = = = = = = = =	ng the period 5//3/	/ <i>5</i> 5 to	5/31/03 , and s	tate that to the be
		<u> </u>		
my knowle			ations and taken corrective mea	

DOCUMENT NO.:	2 A			REV. NO.:	1
		 			

1.	Owner _	Exelon Nuclea			Date <u>4/02/06</u>				
	4300 Wint	ield Road, Wa	Name r renville, IL		Sheet 1		of	1	
2.	Plant	Byron Nuclear	Address Power Station		Unit 01				
			Name			0070000	0.01		
	4450 N. G	erman Church	Address	<u> </u>	Work Order No. Repair Or		P.O. No., Job No.	o., etc.	
3.	Work Performed by Byron Mechanical Maintenance				Type Code Symbo	ol Stamp	Not App	licable	
			Name		Authorization No.		Applicable		
	4450 N. G	erman Church	Address	<u> </u>	Expiration Date	NOT A	oplicable		
4.5.6.	4. Identification of System FP - FIRE PROTECTION Section III 1974 Edition S74 Addenda – Replacement Strut 5. (a) Applicable Construction Code ASME Section III 19 77 Edition, S/77 Addenda, 1644-8 Code Case (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Edition/2003 Addenda (c) Section XI Code Case(s) None								
	Name of omponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)	
SW	AY STRUT	ELCEN	2417	N/A	EPN:1FP39025X FIG. 420N	1982	REMOVED	Yes	
SW	AY STRUT	ANVIL PROD.	N/A	N/A	Cat.ld.:1406468 EPN:1FP39025X	2005	INSTALLED	Yes	
		·							
									
***							·		
7.	Description		PLACE SWAY S TH SWAY STRU		5X. REV.1 * WELD (ON NEW E	END BRACKET	THAT CAME	
8.	Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐ VT-3 Other ☒ Pressuren/apsi Test Tempn/aºF								

9. Remarks <u>00782232-01</u>	Applicable Manufacturer's Data Reports to be attached
### PARAMATER AND	
	CERTIFICATE OF COMPLIANCE
I certify that the statements mad	e in the report are correct and this conforms to the requirements of the ASME
Code, Section XI.	
ype Code Symbol Stamp	Not Applicable
Certificate of Authorization No.	Not Applicable
signed Scott Esposito	UT Essentia Date 06/30 , 20 06
	ner dr Owner's Designee, Title
	ERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a val	ERTIFICATE OF INSERVICE INSPECTION lid commission issued by the National Board of Boiler and Pressure
I, the undersigned, holding a val Vessel Inspectors and the State	ERTIFICATE OF INSERVICE INSPECTION lid commission issued by the National Board of Boiler and Pressure or Province of Illinois and employed by HSB CT
I, the undersigned, holding a val Vessel Inspectors and the State of Hartford, CT have inspe	ERTIFICATE OF INSERVICE INSPECTION lid commission issued by the National Board of Boiler and Pressure or Province of Illinois and employed by HSB CT ected the components described in this Owner's Report during the period
I, the undersigned, holding a val Vessel Inspectors and the State of Hartford, CT have inspe	ERTIFICATE OF INSERVICE INSPECTION lid commission issued by the National Board of Boiler and Pressure or Province of and employed by HSB CT_ ected the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief,
I, the undersigned, holding a value vessel Inspectors and the State of Hartford, CT have inspector to 2/4/2 the Owner has performed examination.	ERTIFICATE OF INSERVICE INSPECTION lid commission issued by the National Board of Boiler and Pressure or Province of index and employed by HSB CT_ ected the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, inations and taken corrective measures described in this Owner's
I, the undersigned, holding a value Vessel Inspectors and the State of Hartford, CT have inspector to 2/6/2 the Owner has performed examine Report in accordance with the results.	ERTIFICATE OF INSERVICE INSPECTION lid commission issued by the National Board of Boiler and Pressure or Province of and employed by HSB CT_ ected the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief,
I, the undersigned, holding a value vessel Inspectors and the State of Hartford, CT have inspector to 2/2/2 the Owner has performed examined a significant of the Point in accordance with the result of the signing this certificate neither the significant of the	ERTIFICATE OF INSERVICE INSPECTION Iid commission issued by the National Board of Boiler and Pressure or Province of and employed by HSB CT ected the components described in this Owner's Report during the period, and state that to the best of my knowledge and belief, inations and taken corrective measures described in this Owner's equirements of the ASME Code, Section XI.
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I, the undersigned, holding a value vessel Inspectors and the State of Hartford, CT have inspective to The Owner has performed examinate Report in accordance with the resulting the examination of the Concerning the examination of the Inspective Notice of the University of the Unive	ERTIFICATE OF INSERVICE INSPECTION Iid commission issued by the National Board of Boiler and Pressure or Province of Illinois and employed by HSB CT ected the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, inations and taken corrective measures described in this Owner's equirements of the ASME Code, Section XI. The Inspector nor his employer makes any warranty, expressed or ations and corrective measures described in this Owner's Report.
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DOCUMENT NO.:	3.2	REV. NO.: 0

1. (Owner !	Exelon Nuclear			Date 09/20/06	; ;		
4	 1300 Winf	Na ield Road, Warren	me Ville II		Sheet 1		of 1	
		Add	ress			<u> </u>	<u> </u>	
2. F	Plant <u>l</u>	Byron Nuclear Pov Na	wer Station me		Unit <u>01</u>			
_4	1450 N. G	erman Church Ro	ad, Byron, IL	<u> </u>	Work Order No.			
		Add	ress		Hepair C	organization,	P.O. No., Job No.,	etc.
3. V	Work Perfo	· ·	& W VENTURE		Type Code Symbol Authorization No	•		able
3	86400 S. E	יי ssex Road, Wilmi:			Expiration Date		Applicable oplicable	
		Add			•			
4. le	dentificatio	on of System F	P (FIRE PROTEC	TION)				
5. (a) Applic	able Construction C	Code ASME Se	ction III	19 74 Edition.	W75 Adde	nda. None	Code Case
(1	b) Applic	able Edition of Sect	tion XI Used for Re					
•	,	n XI Code Case(s) on of Components	NONE			····		
O. 10	uentincatio							
	ne of ponent	Name of Manufacturer	Manufacturer Serial No.	Nation al Board	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
VALVE	, CHECK	ANDERSON		No.	.==-	1		
6"		GREENWOOD	A3753	N/A	1FP345	1981	REMOVED	YES
VALVE, 6" (Refu	, CHECK urbed)	ANDERSON GREENWOOD	N25811	N/A	1FP345	1998	INSTALLED	YES
						0AS 11/20/	ol	
						-		·
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				<u> </u>				
				<u> </u>				
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	escription ODY-TO-I	of Work REPL	ACE CHECK VAL WERE RE-USED			ELD NEC	K FLANGES AN	1D
8. Te	est Condu	cted: Hydrostation	neum	atic 🔲	Nominal Opera	ating Pres	sure 🕅 Eve	empt 🗌
J. 18	oge condu	Other	Pressure	151	•	t Temp.	··· -	aŁ ¥µibr □
deter C	·lomon	ital sheets in form o	_		 •	· -		

9. Remarks WORK ORDER 00793278-	-01
Appli	cable Manufacturer's Data Reports to be attached
	<u></u>
CE	RTIFICATE OF COMPLIANCE
I certify that the statements made in the re	eport are correct and this conforms to the requirements of the ASME
Code, Section XI.	
Гуре Code Symbol Stamp	Not Applicable
Certificate of Authorization No.	Not Applicable
Signed David a Liber RR	R COORDINATOR Date 10/20, 20 06
	r's Designee, Title (MS ///20/06
CERTIFIC	CATE OF INSERVICE INSPECTION
CERTIFIC	CATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commis	ssion issued by the National Board of Boiler and Pressure
Vessel Inspectors and the State or Provin	
•	components described in this Owner's Report during the period
	and state that to the best of my knowledge and belief,
	nd taken corrective measures described in this Owner's
Report in accordance with the requiremen	
•	ector nor his employer makes any warranty, expressed or
	corrective measures described in this Owner's Report.
•	employer shall be liable in any manner for any personal
·	kind arising from or connected with this inspection.
OBUNIAL.	Commissions ///-/254
Inspector's Signature	National Board, State Province, and Endorsements
Date: <u>////////////////////////////////////</u>	·

(Final)

DOCUMENT NO.:	2A		REV. NO.: 0

1.	Owner E	xelon Nuclear			Date <u>2/13/06</u>			····
	4300 Winfi	eld Road, Warre			Sheet 1		of	1
2.	Plant B	yron Nuclear Po			Unit 00			
	4450 N. Ge	rman Church Re	ame oad, Byron, IL dress		Work Order No. ()-01 P.O. No., Job No	., etc.
3.	Work Perfor	rmed by Byr	on Mechanical		Type Code Symbo	l Stamp	Not Appl	icable
	4450 N. Ge	rman Church Ro	Name oad, Byron, IL		Authorization No. Expiration Date		Applicable plicable	
4.	Identification		dress [FP] Fire protec	ction I1-FP	-2-N51			
5.	(a) Applica (b) Applica	ble Construction	Code ASME	Section III	_19 <u>74</u> Edition, <u>S/</u> placement Activity:			_Code Case idenda*
6.	` '	n of Components	·					
	Name of	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
PIPE		Hunter Corp.	242749, 3137, LO3363	N/A	ETN: 0FPJ6A-4" FP-22-6	1984	Removed	NO
ELBO	W 90 DEG (2)	Southwest Fabricating	9298	N/A	ETN: 0FPJ6A-4" FP-22-6	1979	Removed	NO
ELBO 45 DE	:G	Hunter Corp.	AU6N	N/A	ETN: 0FPJ6A-4" FP-22-6	1984	Removed	NO
PIPE 4		Consolidated Power supply	HT# U82949	N/A	CAT ID; 24993 - ETN: 0FPJ6A-4"	2005	Installled	NO
	W 90 DEG (2)	Power supply	HT# P409A 1	N/A	CAT ID; 24615 ' ETN: 0FPJ6A-4"	2005	Installled	NO
ELBO 45 DE		Consolidated Power supply	HT# M064-49	N/A	CAT ID; 24730 ETN: 0FPJ6A-4"	2005	Installled	NO
					<u> </u>			
 				· · · · · · · · · · · · · · · · · · ·				
7.	Description o	f Work Repla	ace section of 4"	line no. 0FI	PJ6A			
3.	Test Conduct	ted: Hydrostat	ic Pner	umatic 145	Nominal Operati	ng Pressi emp.		cempt ☐

9.	Remarks 00807090-01	
		Applicable Manufacturer's Data Reports to be attached
		ere fabricated prior to the 10-Year ISI Update (ASME Section XI 1989 ED). We
		ter the 10-Year ISI Update (ASME Section XI 2001 Ed/2003 Ad). Post
	Maintenance resting perform	med to ASME Section XI 2001 Ed/2003 Ad).
		CERTIFICATE OF COMPLIANCE
	contifue that the atataments may	
	•	de in the report are correct and this conforms to the requirements of the ASME
	de, Section XI.	
• •	be Code Symbol Stamp	Not Applicable
Cer	rtificate of Authorization No.	Not Applicable
Sign	ned 500	RRR Card Date 3/21, 20 06
	(Ow	vner or Owner's Designee, Title
	~> ~	
	С	ERTIFICATE OF INSERVICE INSPECTION
1	, the undersigned, holding a va	alid commission issued by the National Board of Boiler and Pressure
V	Vessel Inspectors and the State	e or Province of Illinois and employed by HSB CT
0	<u>-</u>	
O	of Hartford, CT have inspect	ected the components described in this Owner's Report during the period
	of <u>Hartford, CT</u> have insper	ected the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief,
tí	of Hartford, CT have inspected to 3/1//of the Owner has performed example.	, and state that to the best of my knowledge and belief, ninations and taken corrective measures described in this Owner's
ť	of Hartford, CT have insper to 3/4/// he Owner has performed exam Report in accordance with the re	, and state that to the best of my knowledge and belief, ninations and taken corrective measures described in this Owner's requirements of the ASME Code, Section XI.
ť	of Hartford, CT have insper to 3/4/// he Owner has performed exam Report in accordance with the re	, and state that to the best of my knowledge and belief, ninations and taken corrective measures described in this Owner's
tí R	to 3/1/2/2/2/2/2/3/2/2/2/3/3/2/2/2/2/3/2/2/2/3/2	, and state that to the best of my knowledge and belief, ninations and taken corrective measures described in this Owner's requirements of the ASME Code, Section XI.
tí F B ir	to 3/4// he Owner has performed examined by signing this certificate neither mplied, concerning the examinations.	, and state that to the best of my knowledge and belief, ninations and taken corrective measures described in this Owner's requirements of the ASME Code, Section XI. er the Inspector nor his employer makes any warranty, expressed or
tf R B ir	he Owner has performed examined examined to the concerning the examination of the concerning the concern	, and state that to the best of my knowledge and belief, ninations and taken corrective measures described in this Owner's requirements of the ASME Code, Section XI. er the Inspector nor his employer makes any warranty, expressed or ations and corrective measures described in this Owner's Report. ctor nor his employer shall be liable in any manner for any personal
tf R B ir	he Owner has performed examined examined to the concerning the examination of the concerning the concern	, and state that to the best of my knowledge and belief, ninations and taken corrective measures described in this Owner's requirements of the ASME Code, Section XI. For the Inspector nor his employer makes any warranty, expressed or lations and corrective measures described in this Owner's Report. Section for his employer shall be liable in any manner for any personal loss of any kind arising from or connected with this inspection.
tf R B ir	he Owner has performed examined examined to the concerning the examination of the concerning the concern	, and state that to the best of my knowledge and belief, ninations and taken corrective measures described in this Owner's requirements of the ASME Code, Section XI. er the Inspector nor his employer makes any warranty, expressed or ations and corrective measures described in this Owner's Report. ctor nor his employer shall be liable in any manner for any personal

1.	Owner	Exelon Nu			Date11/11/05			
	4300 W	/infield Road, W		555	Sheet 1		of <u>1</u>	
2.	Plant	Byron Nuc	Address clear Power Stat	tion	Unit 00			
			Name					
	4450 N	. German Churc	h Road, Byron, Address	IL 61010	Work Order No. Repair O		19-01 , P.O. No., Job No.,	etc.
_	5			•		•	,	
3.	Work P	•	Byron Mechani Maintenance	cai 	Type Code Symb	•		able
	4450 N	Cormon Church	Name	II 64040	Authorization No.		Applicable	
	445U N.	German Churc	Address	IL 61010	Expiration Date	NOT A	pplicable	
4.	Identific	ation of System	[FP] Fire Pro	tection				
5.		olicable Construc			9 74 Edition, S/7			Code Case
		ction XI Code Ca		.eu ioi Repails N-416-2	or Replacement Co	omponen	IS 19 <u>09</u>	
6.	\ - <i>></i>		· -		Replacement Com	ponents		
		T	T .			[I	ASME
							Repaired,	Code
Na	me of	Name of	Manufacturer	National Board	Other	Year	Replaced, or	Stamped (Yes or No)
	ponent	Manufacturer	Serial No.	No.	Identification	Built	Replacement	(Tes or No)
6" Pipe Sch 40		SOUTHWEST FAB	S/N: 8240	N/A	ETN:OFPC2BA-6" MK# FP-14-4	1977	Replaced	Yes
6" Pipe Sch 40		Consolidated Pipe and Supply	Heat Code: X82519	N/A	ETN:OFPC2BA-6"	2004	Replacement	No
	O LUG	HUNTER CORP	N/A	N/A	ETN:OFPC2BA-6" M-1FP04025X	1983	Replaced	No
PIPE 1 WELD	O LUG S	EXELON CORP	N/A	N/A	ETN:OFPC2BA-6" M-1FP04025X	2005	Replacement	No
de deservado de estado de esta		garagangga - Akada and Copada Nasi Anna Anna (1986) ang mga mga	The second section of the second seco	ensi dan menengan sebenjah di menengan menengan sebenjah di menengan sebenjah di menengan sebenjah di menengan	ang mang sa at ang		i staling to the unit of the following and a state of the section	
· · · · · · · · · · · · · · · · · · ·								
7 .	Description		EPLACE PIPE S EW PIPE.	POOL. REMO	OVE LUG FROM EX	KISTING	PIPE AND INST	ALL ON
_ 								
8. ·	Test Con	•	static	Pneumatic			ng Pressure 🛛	
Mater 4	C.,,,,,,,1	Other			· · · · · · · · · · · · · · · · · · ·	Temp_		F information in
					be used, provided (1) sheet is numbered as			

top of this form.

9. Remarks	WO#00862599-01			
-		Applicable Manufacturer's Data	Reports to be attached	
		CERTIFICATE OF COMPLIAN	CE	
Ve certify that the	e statements made	e in the report are correct and this $_$		rm to the
ules of the ASM	E Code, Section XI		repair or replacement	
ype Code Symb	ol Stamp	Not Ap	plicable	
Certificate of Auth	norization No.	Not /	Applicable	
Signed \mathcal{A}	n SA	RRR Coucl	Date 1/24 ,	20 OG
	Owne	or Owner's Designee, Title		
	8)			
	CE	RTIFICATE OF INSERVICE INS	DECTION	
l the undersign				
_	=	d commission issued by the Nationa or Province of Illinois a		
•	ors and the State of		· · · · 	
of Hartford,		ted the components described in thi	•	гюа
11/4/05	_ to	, and state that to the best of		
	•	ations and taken corrective measure		
•		quirements of the ASME Code, Sect		
		the Inspector nor his employer make	• •	
•		ons and corrective measures descri	•	
	•	r nor his employer shall be liable in	• • • • • • • • • • • • • • • • • • • •	
injury or proper	ty damage or a los	s of any kind arising from or connec		The second section of the second
_ HHM	Mora	Commissions	ML-1254	
4	spector's Signature		ional Board, State Province, and Endor	sements
Date:	an 30 .2	20 <i>06</i>		

1. Owner	Exelon Nucl	ear		Date 11/23/05			
		Name	······································				
4300 V	Vinfield Road, War		5	Sheet1		of <u>1</u>	
2. Plant	Byron Nucle	Address ear Power Statio	n	Unit 00			
		Name					
4450 N	I. German Church	Road, Byron, IL Address	61010	Work Order No. O		-11 .O. No., Job No., etc	
	_		_	Nopali Oig	canzadori, i	.0. 110., 000 110., 010	•
3. Work F		yron Mechanica aintenance		Type Code Symbo	l Stamp	Not Applicat	ole
		Name		Authorization No.	Not A	pplicable	
4450 N	l. German Church		61010	Expiration Date	Not App	olicable	
		Address					
4. Identifi	cation of System	[FP] Fire Prote	ction				
5. (a) Ap	plicable Construction	on Code Sect	ion III 19	74 Edition, <u>S/75</u>	Addend	a, N/A C	ode Case
, , ,	plicable Edition of S		•	r Replacement Co	mponents	19 89	
· · ·	ction XI Code Case cation of Componen		416-2 eplaced and R	eplacement Comp	onents		
·	1			1	1		LAGNE
						Repaired,	ASME Code
			National			Replaced,	Stamped
Name of Component	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	or Replacement	(Yes or No
	SOUTHWEST		N/A	ETN: 0FPC4A-6"	Built	Kopiacoment	
6" Pipe	FAB	S/N: 8237	N/A	MK#14-1	1977	Replaced	YES
6" Pipe	CONSOLIDATED	HT: X82519	N/A	ETN: 0FPC4A-6"		·	
o ripe	POWER SUPPLY	CODE: B4YZ		2111.011.047-0	2005	Replacement	NO
PIPE TO LUG WELD	HUNTER CORP	N/A	N/A	ETN:OFPC4A-6" M-1FP04035X	1977	Replaced	NO
				MK#2A	13//	Neplaceu	
PIPE TO LUG WELD	EXELON CORP	N/A	N/A	ETN:OFPC4A-6" M-1FP04035X	2005	Replacement	NO
and the contract of the contra	posterior again so movembran again as so a		eg money ethonology (c) — , gent to the growth cells,	Control of the contro	Mary Co. Storage	and the second of the second o	Control (America) Services (A. 1975)
W. C							
		1					
7. Descript	ion of Work RE	PLACE PIPE SP	UOL. REMO\	/E LUG AND REIN	ISTALL O	N NEW PIPE	

9. Remarks	WO#00862599-11		
		Applicable Manufacturer's Da	ata Reports to be attached
A			
		CERTIFICATE OF COMPL	IANCE
Ve certify that	the statements mad	e in the report are correct and this	
•	ME Code, Section X	•	repair or replacement
ype Code Syn	nbol Stamp	Not	Applicable
Certificate of Au	thorization No.		ot Applicable
Signed	1 5sh	RSR Cool	Date 1/24 , 20 06
	Own		
	-30 C	<u> </u>	
			· · · · · · · · · · · · · · · · · · ·
		ERTIFICATE OF INSERVICE I	
	-	•	onal Board of Boiler and Pressure
Vessel Inspe	ctors and the State		and employed by HSB CT
of Hartford	d, CT have inspe	cted the components described in	this Owner's Report during the period
11/8/05	to	, and state that to the bes	st of my knowledge and belief,
the Owner ha	as performed exami	nations and taken corrective mea	sures described in this Owner's
Report in acc	ordance with the re	quirements of the ASME Code, S	ection XI.
By signing th	is certificate neither	the Inspector nor his employer m	akes any warranty, expressed or
implied, cond	erning the examina	tions and corrective measures de	scribed in this Owner's Report.
Furthermore,	neither the Inspect	or nor his employer shall be liable	in any manner for any personal
injury or prop	erty damage og a lo	ss of any kind arising from or con	nected with this inspection.
Que	MISKY	Commissions	166-1254
0	In an article Oleventon		
	Inspector's Signature		National Board, State Province, and Endorsements

DOCUMENT NO .:	9A	REV. NO.:	0
			_

1. Owner _	Exelon Nuclear			Date 04/21/0	6		
4300 Win	N field Road, Warre	ame nville. IL		Sheet	1	of	1
	Ad	dress			•		······
2. Plant _	Byron Nuclear Po			Unit 00			
4.450 N G	N ierman Church Ro	ame		Work Order No	กดดกระ	IAQ-01	
4-730 11. 0		dress				n, P.O. No., Job	No., etc.
				* 0 - 1 - 0		At - 0 A -	
3. Work Perf	•	on Mechanical ntenance		Type Code Sym	boi Stam	p NOT AP	plicable
		Vame		Authorization No	o. Na	t Applicable	
4450 N. G	erman Church Ro			Expiration Date	Not	Applicable	
	Add	dress					
4. Identificati	on of System	[FP] Fire Protec	ction				
(b) Applic	cable Construction cable Edition of Secon XI Code Case(s)	tion XI Used for					Code Case Addenda
6. Identification	on of Components						
Name of	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Component 6" pipe sch.40	SOUTHWEST FAB	S/N: 9074	N/A	ETN:OFPJ9A-6* FP-25-1	1977	Removed	YES
6" pipe sch.40	CONSOLIDATED POWER SUPPLY	HT#: X82519	N/A	Cat/id: 24417-1 ETN:OFPJ9A-6"	2006	Installed	NO
6" PIPE ELBOW 90 DEGREE 3 ea.	SOUTHWEST FAB	S/N: 9074	N/A	ETN:OFPJ9A-6* FP-25-1	1977	Removed	NO
6" PIPE ELBOW 90 DEGREE 1 ea.	SOUTHWEST FAB	S/N: 9074	N/A	ETN:OFPJ9A-6"	1977	Removed	NO
6" PIPE ELBOW 15 DEGREE 1 ea.	SOUTHWEST FAB	S/N: 9074	N/A	ETN:OFPJ9A-6" FP-25-1	1977	Removed	NO
6" PIPE ELBOW 00 DEGREE 4 ea.	CONSOLIDATED POWER SUPPLY	HT#: N862B	N/A	Cat/id: 24913-1 ETN:OFPJ9A-6*	2005	Installed	NO
6" PIPE ELBOW 5 DEGREE 1 ea.	CHICAGO BRIDGE & IRON	HT#: FH6W	N/A	Cat/id: 24914-1 ETN:OFPJ9A-6"	1993	Installed	NO
Pipe support saddle-lug weld	HUNTER CORP	HT. # 4G2087	N/A	ETN:OFPJ9A-6" M-1FP06042X	1980	Removed	NO
Pipe support saddle-lug weld	Exelon	N/A	N/A	ETN:OFPJ9A-6" M-1FP06042X	2006	Installed	NO
7. Description				FITTINGS. REMO ALL ON INSTALL			ADDLE FROM
. Test Condu	cted: Hydrostati	c 🗌 Pneı	umatic [Nominal Oper	ating Pre	ssure 🛛	Exempt [
VT-3	Other 🛛	Pressure	170	psi Tes	t Temp.	72.5	ºF
ote: Supplemen	ital cheets in form (of liete ekatchae	or drawin	ngs may be used	provided	/1) ciza ic 81%	in v 11 in (2)

9. Remarks <u>W/O 00908440-01</u> App	olicable Manufacturer's Data Reports to be attached
CE	RTIFICATE OF COMPLIANCE
- · · · · · · · · · · · · · · · · · · ·	report are correct and this conforms to the requirements of the ASME
code, Section XI.	sport are correct and and comonne to the requirements of the remain
ype Code Symbol Stamp	Not Applicable
ertificate of Authorization No.	Not Applicable
gned Som R.	RR Crost Date 5/15 , 20 OL
	er's Designee, Title
7	
CERTIFIC	CATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid comm	ission issued by the National Board of Boiler and Pressure
Vessel Inspectors and the State or Provi	
of Hartford, CT have inspected the	components described in this Owner's Report during the period
4/7/06 to 5/17/06	, and state that to the best of my knowledge and belief,
	and taken corrective measures described in this Owner's
Report in accordance with the requireme	
•	pector nor his employer makes any warranty, expressed or
	d corrective measures described in this Owner's Report.
	s employer shall be liable in any manner for any personal
•	y kind arising from or connected with this inspection.
Duntullu	Commissions 166-1254
Inspector's Signature	National Board, State Province, and Endorsements
Date: 7/1/20 / 20 /	

DOCUMENT NO).: 8A		REV. NO.: 0

1.	Owner _	Exelon Nuclear			Date <u>04/21/06</u>	<i></i>		
	4300 Win	N: field Road, Warre،	ame nville II		Sheet 1		of 1	!
	4500 1711		dress			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
2.	Plant _	Byron Nuclear Po			Unit _00			
	4450 11 6		ame		Maria Oralas Na - 6	0014047		
	4450 N. G	ierman Church Ro	dress		Work Order No. 0 Repair Ord		-01 ² .O. No., Job No.	. etc.
					_		·	
3.	Work Perf	-	on Mechanical Intenance		Type Code Symbo	l Stamp	Not Appli	icable
			Vame		Authorization No.	Not A	pplicable	
	4450 N. G	erman Church Ro	ad, Byron, IL		Expiration Date		plicable	
,		Add	dress					
4.	Identificati	on of System	FP] Fire Protec	ction				
_					40.74 Edition C/	75 Adda	do AL/A	Code Coop
5.					19 74 Edition, S/			Code Case
		on XI Code Case(s)		ricpaii/ricp	nacement Activity.	2001 20	MOIVEOUD AC	Jucilia
6.	· ,	on of Components						· · · · · · · · · · · · · · · · · · ·
		T	1	T	1	<u> </u>	1	ASME
				.,			Corrected,	Code
1	Name of	Name of	Manufacturer	National Board	Other	Year	Removed, or Installed	Stamped (Yes or No)
	mponent	Manufacturer	Serial No.	No.	Identification	Built		
6° p	ipe sch.40	SOUTHWEST FAB	S/N: 9075	N/A	ETN:OFPJ9A-6" FP-25-2	1977	Removed	Yes
6 " p	ipe sch.40	CONSOLIDATED	HT #: X82519	N/A	Cat/id: 24417-1	2006	Installed	NO
		POWER SUPPLY		IVA	ETN:OFPJ9A-6"	2000	iristaneu	NO
	PE ELBOW DEGREE	SOUTHWEST FAB	S/N: 9075	N/A	ETN:OFPJ9A-6" FP-25-2	1977	Removed	Yes
	PE ELBOW	CONSOLIDATED	UT # NOCOD	NI/A	ETN:OFPJ9A-6"	2005	installed	NO
	DEGREE	POWER SUPPLY	HT #: N862B	N/A	Cat Id 24913	2005	Installed	NO
4" Pip	e Stanchion	BARR- SAUNDERS	HT #: 164884	N/A	ETN:OFPJ9A-6" M-2FP11001A	1982	Removed	NO
4" Pip	e Stanchion	CHICAGO TUBE	HT #: L21434	N/A	ETN:OFPJ9A-6"	1992	Installed	NO
		& IRON	LOT: 1F4056		M-2FP11001A	1932	instance	
								Į
_								
7.	Description				TTINGS. REMOVE D PIPE AND REPL			EL (IT#1)
		01 21	THOTATHO	IVI MENUOVE	DITIL AND THE E	AOL WII	IIIIAE'AA'	
	T4 C3		- C		Name of October 1		571 -	
5.	Test Condu			umatic 🗌	Nominal Operation	•	-	empt
	VT-3	0ther ⊠	Pressure	170	psi Test T	emp	72.5	٥Ł
ote:	Supplemen	ntal sheets in form o	of lists sketched	s or drawing	is may be used, pro	ovided (1)	size is 8½ in	x 11 in (2)

) .	Remarks	Work Order N	o. 00911617-01 Applicable	e Manufacturer's	Data Report	s to be attach	ed
			W				
			CERTIFI	CATE OF COM	PLIANCE		
1.	certify that tl	ne statements m				to the require	ements of the ASM
	le, Section >		200 m mo 10pon				
	e Code Sym			N	ot Applicabl	le.	
•	-	thorization No.			Not Applica		
	ned	1 500	- 778	Card	riot Appliot	Date 5	1/13 ,20 04
ıyı		(A)	Owner or Owner's De	signee Title		_ Date	7/3
			Wile of Owner's De	signee, rine			
			CERTIFICATE	OF INSERVICE	E INSPECT	ION	
1.	the undersi			issued by the Na			l Pressure
		•	ate or Province of	=		ployed by	HSB CT
o				onents described		· · · -	
U	Al istor			state that to the b			
	4//4/100	to <i>5//6</i>					
		•		ken corrective m		cribed in this	Owners
	•		•	the ASME Code			
		•	•	nor his employer	•	•	
	•	•		ective measures			•
		•	•	oloyer shall be liat	-	•	•
in	jury or prop	erty damage or a	loss of any kind	l arising from or c	onnected wit		ion.
	Den	alla		Commissions	121.	1254	
		Inspector's Signature	3		National Bo	ard, State Provi	nce, and Endorsements
D	ate: 7	1an 19	, 20 <i>06</i>				

		· · · · · · · · · · · · · · · · · · ·
DOCUMENT NO.:	4.1	REV. NO.: 0

1.	Owner	Exelon Nuclea	ır		Date <u>9/17/06</u>			
	4300 Wir	nfield Road, Wa	Name rrenville, IL		Sheet 1		of 1	
_			Address		Unit 01			
2.	Plant		Name					
	4450 N. C	German Church	Road, Byron, Address	<u> </u>	Work Order No. Repair O		8-01 P.O. No., Job No.,	etc.
2	Work Por		WS Technolog	ios i I C	Type Code Symb	-	VR, NR	
3.	WOIK Pei	formed by N	Name	ies LLO	Authorization No.			
	131 Vent	ure Blvd, Spart	<mark>anburg, SC 29:</mark> Address	306	Expiration Date	4/3/09	, 4/9/09	
4.	Identificat	tion of System		TEAM -1MS013	3D			
5. 6.	(a) Appli (b) Appli (c) Secti	cable Constructi	on Code AS Section XI Used e(s) NONE	ME Section III	_19_74_Edition, _N placement Activity			Code Case Addenda
	ame of	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
	/ALVE	DRESSER IND.	G/E/AAF45	N/A	EPN: 1MS013D S/N: BR09593	1977	REMOVED	NO
sc, \	/ALVE	DRESSER IND.	ADG27	N/A	EPN: 1MS013D Cat ID#-16492	2001	INSTALLED	NO
		•						
				-				
_								
7.	Description	n of Work RE - SB-637 INCONEL			ENDOR. INSTALL NE	W DISC (C	AT ID 16492)	
3.	Test Cond	ucted: Hydros	static	Pneumatic 🔲	Nominal Opera	ting Press	sure 🔲 Exe	mpt 🖾
		Other	Pressure	e N/A	psi Test	Temp		ºF
lote:	Suppleme	ental sheets in fo	rm of lists, sketo	ches, or drawin	gs may be used, p	rovided (1	1) size is 8½ in.	x 11 in., (2)

Remarks WO# 00634888-0	
	Applicable Manufacturer's Data Reports to be attached
	CERTIFICATE OF COMPLIANCE
I certify that the statements made	e in the report are correct and this conforms to the requirements of the ASME
Code, Section XI.	
Гуре Code Symbol Stamp	Not Applicable
Certificate of Authorization No.	Not Applicable
Signed & See	- RRR Coerd Date 11/21 , 20 06
	ner or Owner's Designee, Title
	ERTIFICATE OF INSERVICE INSPECTION lid commission issued by the National Board of Boiler and Pressure or Province of Illinois and employed by HSB CT
•	
7/10/10	ected the components described in this Owner's Report during the period
2/27/06 to ///28/	, and state that to the best of my knowledge and belief,
•	inations and taken corrective measures described in this Owner's
•	equirements of the ASME Code, Section XI.
	r the Inspector nor his employer makes any warranty, expressed or
•	ations and corrective measures described in this Owner's Report.
•	tor nor his employer shall be liable in any manner for any personal
injury or property damage or a id	oss of any kind arising from or connected with this inspection.
Inspector's Signature	Commissions /LL-/154 National Board, State Province, and Endorsements
Date: Not. 22 ,	, 20 <u>06</u>

FORM NVR-1 REPORT OF REPAIR IN REPLACEMENT IN OF NUCLEAR PRESSURE RELIEF DEVICES WO 00634888-01

1. Work performed by:		o gles, LLC evard, Spartanburg,		se Order f	00415135		
2. Work performed for:	Exelon Corporation	n, Byron Nuclear Sta	tion				
3/4. Owner - name, addr Byron Nuclear Statio				kelon Corp 0	oration,		
5. a: Repaired pressure b: Name of manufacti c: Identifying nos.		lain Steam Safety Va d / Dresser	lve			· · · · · · · · · · · · · · · · · · ·	
C. Identifying rice.	3707R	BR09593	n/a_	steam	6"		
d: Construction Code:	(type) ASME Section	(mir's S/N) 1974	(NB#) n/8		(size) n/a	(yr.built) 2)
	(name/section/divi	sion) (edition)	(adden	ide) (Co	de Cases(s))	(Code Cises)	
6. ASME Code Section X	I applicable for ins	ervice inspection:		01	2003	n/a	
7. ASME Code Section X	i used for repairs	replacements:	•	tion) 10 1	(addenda) 2003	(Code Case(s))	
8. Construction Code use			(edi	tion) 74	(addenda)	(Code Case(s))	
o. Constitución codo asa	a ioi iopaaoj iopa		(edi		(addends)	(Code Case(s))	
9. Design responsibilities:	n/a						
Opening pressure: 1 Set-pressure adjustme Description of work (setapped nozzle & passinstalled pre-oxidized)	ent made at: iclude name end identi vated seat area, in	stalled anti-guide-mo	ent parts): evement m	odification	EC#340678,		_
12. Remarks: New disc s/	n ADG27 installed.		237.				- -
	certify that to repair, modification the ASME Code an of Authorization No	the best of my knowled or replacement of the distributional Board of the National Board	edge and t	e relief dev I Code "Vi amp expir amp expir	rices described R" and "NR" ru es <u>April 3, :</u> es <u>April 9, :</u>	l above les. 2009.	
Charles F. Toegel J. Vessel Inspectors and certify Hartford Steam Boiler or replacement described in this repair, modification or recode and the National Board By signing this certificate, not concerning this repair, modificor my employer shall be liable in the pair of the connected with the pair of the p	r. holding a valid ficate of competen of CT a this report on 77 eplacement has be of Inspection Code either the undersignification or replacerable in any manner	cy issued by the juris of Hartford SET. JOO and state en completed in acc "VR" and "NR" rules ned nor my employe ment described in this for any personal inju	by The Nati diction of , CT has e that to the ordance with makes and report. Fu	North Cave inspected best of the Section of the Sec	cted the repair, my knowledge XI of the of th y, expressed of neither the un	employed, modification and belief, e ASME or implied, adersigned	
Dete	Inspector's Signal				orsements), jurisd	iction.& no.)	-

drollalis,

·····			
DOCUMENT NO.:	4.1	REV. NO.: 0	

1.	Owner	Exelon Nuclea			Date <u>9/17/06</u>			
	4300 Wii	nfield Road, Wa	Name		Sheet 1		of 1	
	4300 WII		Address		31leet1		011	
2.	Plant	Byron Nuclear	Power Station	<u> </u>	Unit 01			
			Name	••				
	4450 N.	German Church	Address	<u>IL</u>	Work Order No. Repair Or		0-01 P.O. No., Job No.,	etc
					·		, ,	
3.	Work Per	rformed by NW		es LLC	Type Code Symbo			
	131 Vent	ture Blvd, Spart	Name anburg, SC 293	306	Authorization No. Expiration Date		, 4/9/09	
	101 1011		Address		Expiration Date		, ., ., ., .	
4.	Identifica	tion of System	MAIN STEA	M (MS)				
		-			40 TA 5 III	.,, , , ,		
5.					19_74_Edition, _N placement Activity			
		ion XI Code Cas		i loi ricpaii/ric	placement Activity	2001	Latton / 2000	Addenda
6.		tion of Compone						,
			T		T			ASME
				National			Corrected, Removed, or	Code Stamped
	ame of	Name of	Manufacturer	Board	Other	Year	Installed	(Yes or No)
	mponent	Manufacturer	Serial No. AAM26	No.	Identification EPN: 1MS013B	Buitt		
SC,	VALVE	DRESSER IND.	HT: 1G2411	N/A	S/N: BR09591	1980	REMOVED	NO
SC,	VALVE	DRESSER IND.	ADG37 HT: 68787	N/A	EPN: 1MS013B Cat ID#-16492	2001	INSTALLED	NO
			111.00707		Oat 10#*10492			
				·				
		_						
				, , , , , , , , , , , , , , , , , ,				,
-								
7.	Descriptio		FURBISH THE VL	V & TEST AT VEN	IDOR. INSTALL NEW	DISC (CID	16492) MAT'L-SB63	37 INCONEL
,	Test Cond	ducted: Hydros	etatic 🗆 .	Pneumatic [Nominal Opera	ting Proc	sura 🗆 Eva	mnt 🔯
).	rest Cond	-			Nominal Opera			empt 🔯
		Other	Pressur	e <u>n/a</u>	psi Test	Temp	n/a	٥Ł
ote:	Suppleme	ental sheets in fo	rm of lists, sketo	ches, or drawin	gs may be used, p	rovided (1) size is 8½ in.	x 11 in., (2)

CERTIFICATE OF COMPLIANCE I certify that the statements made in the report are correct and this conforms to the requirements of the ASM code, Section XI. Type Code Symbol Stamp Not Applicable Partificate of Authorization No. Not Applicable CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions Inspectors Signature Commissions Inspectors and Endorsements). Remarks <u>WO# 00634890-0</u>	Applicable Manufacturer's Data Reports to be attached
CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Hartford, CT have inspected the components described in this Owner's Report during the period and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions National Board, State Province, and Endorsements		, pp. and a decided a deci
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Pre Code Symbol Stamp Provincation No. Inspector's Signature Not Applicable Province of Authorization No. Not Applicable Date 11/21 , 20 06 Not Applicable Date 11/21 , 20 06 Not Applicable Date 11/21 , 20 06 CERTIFICATE OF INSERVICE INSPECTION In the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinols and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions National Board, State Province, and Endorsements	•	s in the report are correct and this comoting to the requirements of the residu
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CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions Inspector's Signature National Board, State Province, and Endorsements	•	
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CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions ILL- 154 National Board, State Province, and Endorsements		
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Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period not	CE	ERTIFICATE OF INSERVICE INSPECTION
of Hartford, CT have inspected the components described in this Owner's Report during the period to	I, the undersigned, holding a val	id commission issued by the National Board of Boiler and Pressure
the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions	Vessel Inspectors and the State	or Province of Illinois and employed by HSB CT
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Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions	the Owner has performed exami	
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Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions	•	
Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions	, , ,	
injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions ILL-1254 National Board, State Province, and Endorsements	• •	·
Inspector's Signature Commissions 1/2-1254 National Board, State Province, and Endorsements	•	
		· · · · · · · · · · · · · · · · · · ·
D. A. A. A. A. C. C. C.	ONUM IIML	Commissions /2/-/25 7
Date: Nov. 12 , 20 06	Inspector's Signature	National Board, State Province, and Endorsements

FORM NVR-1 REPORT OF REPAIR X REPLACEMENT X OF NUCLEAR PRESSURE RELIEF DEVICES WO 00634890-01

	NWS Techno				er # <u>00415135</u>	
-		levard, Spartanburg,		106		
2. Work performed for. 1						
3/4. Owner - name, addre Byron Nuclear Station					orporation,	
5. a: Repaired pressure		Main Steam Safety V	alve			
b: Name of manufactu	rer: <u>Consolidal</u>	led / Dresser				
c: Identifying nos.	3707R	BR09591	n/a	stea	m 6"	77
	(type)	(mfr's S/N)	(NB#)	(servi		(yr.built)
d: Construction Code:	ASME Section	1974		n/a	n/a	2
	(name/section/di	vision) (edition	(20	idenda)	(Code Cases(s))	(Code Class)
6. ASME Code Section X	applicable for in	service inspection:		2001	2003	n/a
				(edition)	(addenda)	(Code Case(s))
7. ASME Code Section X	used for repairs	, replacements:		2001 (edition)	2003 (addenda)	(Code Case(s))
8. Construction Code use	d for repairs, rep	lacements:		1974	n/a	n/a
	• • •			(edition)	(addenda)	(Code Case(s))
9. Design responsibilities:	n/a					
10. Opening pressure: 1						
Set-pressure adjustme		NWS Technologie	s, LLC	usi	ng steam	
 Description of work (in tapped nozzle & passi anti-vibration modifica 	vated seat area,	installed anti-guide-n	novemer	nt modifica		installed
and seat tightness usi		installed pre-oxidize	<u> </u>	130, 23361	indied, Oeraned a	et-pressure
12. Remarks: New disc s/I		d. NWS Traveler # 0	6-236.			
		ERTIFICATE OF CO				
I, Brad M. Schulte		to the best of my know				
report are correct and the conforms to Section XI of t						
National Board Certificate			•	₹" stamp e		. 2009.
National Board Certificate				?" stamp e	• —	, 2009.
9/17/06 NWS Ter	chnologies, LLC	:		1st	Vic	e President
	peir Organization		horized re	presentative		Title
	CI	ERTIFICATE OF INS	PECTIO	N		
I, Charles F. Toegel J		lid commission issue	•			
Vessel inspectors and certi					rth Carolina an	
by Hartford Steam Boiler or replacement described in		of Hartfo			spected the repart t of my knowledge	
this repair, modification or r						
Code and the National Boa						
By signing this certificate, n						
concerning this repair, mod						
nor my employer shall be lia arising from or connected,w			ijury, pro	репу аап	rage of loss of a	ny Kina
A = A = A = A = A = A = A = A = A = A =	12. 4 1	100(D)	NO # 64		1 104 4090	
4/17/06 John	Left of the	The state of the s		162, A, N,	l NC# 1073	isdiction & no)
		TI			اللل برسس	

dialing

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DOCUMENT NO.:	4.1		REV. NO.: 0

1.	Owner	Exelon Nuclea			Date <u>9/17/06</u>			
	4300 Wi	nfield Road, Wa	Name rrenville, IL		Sheet 1		of1	
^			Address		Linit O1		-	
2.	Plant	Byron Nuclear	Name	<u> </u>	Unit 01			
	4450 N.	German Church	Road, Byron,	<u>IL</u>	Work Order No.			
			Address		Repair C	Organization,	P.O. No., Job No.,	etc.
3.	Work Per	formed by NW		es LLC	Type Code Symb	•		
	131 Vent	ure Blvd, Spart	Name anburg SC 29	306	Authorization No Expiration Date		, 4/9/09	
	101 1011		Address		Expiration Date	4,0,00	,	
4.	Identifica	tion of System	Main Steam	[MS]				
5.6.	(b) Appli (c) Secti		Section XI Used e(s) NONE		19 <u>74</u> Edition, <u>I</u> placement Activity			
						T	<u> </u>	ASME
	lame of	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	Code Stamped (Yes or No)
	VALVE	DRESSER IND.	ADG40	N/A	EPN: 1MS017D S/N: BR09609	1981	REMOVED	NO
ISC,	VALVE	DRESSER IND.	ADG30 HT: 68787	N/A	EPN: 1MS017D Cat ID#-16492	2001	INSTALLED	NO
			·					
7.	Description		FURBISH THE VL	V & TEST AT VEN	DOR. INSTALL NEW	DISC (CID	16492) MAT'L-SB63	37 INCONEL
8.	Test Cond	ucted: Hydros	static F	Pneumatic [Nominal Opera	ating Pres	sure 🗌 Exe	empt 🛛
		Other	Pressur	e N/A	psi Test	Temp	N/A	٥Ę

of sheets is recorded at the top of this form.

	CERTIFICATE OF COMPLIANCE
I certify that the statements made	e in the report are correct and this conforms to the requirements of the ASME
ode, Section XI.	
ype Code Symbol Stamp	Not Applicable
ertificate of Authorization No.	Not Applicable
gned A San	RER Card Date 11/21 , 20 06
·	er or Owner's Designee, Title
	Byor Owner's Designee, Title
Own Own	ERTIFICATE OF INSERVICE INSPECTION
CE I, the undersigned, holding a valid	ERTIFICATE OF INSERVICE INSPECTION id commission issued by the National Board of Boiler and Pressure
CE I, the undersigned, holding a vali Vessel Inspectors and the State	ERTIFICATE OF INSERVICE INSPECTION id commission issued by the National Board of Boiler and Pressure or Province of and employed by HSB CT
CE I, the undersigned, holding a vali Vessel Inspectors and the State of Hartford, CT have inspe	ERTIFICATE OF INSERVICE INSPECTION id commission issued by the National Board of Boiler and Pressure or Province of and employed by HSB CT cted the components described in this Owner's Report during the period
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FORM NVR-1 REPORT OF REPAIR REPLACEMENT OF NUCLEAR PRESSURE RELIEF DEVICES WO OF

	OF NUCLE	EAR PRESSU	JRE RELIE	F DEVICE	s wo o	0645649-0
The state of the s	NWS Technolo 131 Venture Boule				00415135	
2. Work performed for:	Exelon Corporatio	n, Byron Nuclea	r Station			
3/4. Owner - name, addre Byron Nuclear Station	ess and identificat n 4450 N. Germa	ion of nuclear pon Church Road	ower plant: Byron, IL 616	Exelon Corr 010	oration,	
5. a: Repaired pressure of b: Name of manufactu	444	lain Steam Safe nd / Dresser	ty Valve			
c: Identifying nos.	3707R	BR09609	n/a	steam	6*	77
	(type)	(mir's S/N)	(NB#)	(service)	(size)	(yr.bulk)
d: Construction Code:	ASME Section (name/section/divi			n/a lenda) (C	n/a ode Cases(s))	(Code Class)
ASME Code Section X	applicable for ins	ervice inspectio	n;	2001	2003	n/a
				edition)	(addenda)	(Code Case(s))
. ASME Code Section XI	used for repairs,	replacements:		2001 adition)	2003 (addenda)	n/a (Code Case(s))
. Construction Code use	d for repairs, repla	acements:	•	1974	n/a	n/a
	•		*	adition)	(addends)	(Code Case(s))
. Design responsibilities:	n/a					
Set-pressure adjustments 1. Description of work (in lapped nozzle & passing anti-vibration modification and seat tightness using the control of the control	oclude name and ident vated seat area, it tion EC#339376, i ng steam.	nstalled anti-gui installed pre-oxi	plecement perts): de-movement dized X750 dis	modification	nbled, cleaned, n EC#340678,	nstalled
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	certify that to repair, modification the ASME Code at the code at	nd the National to. 632 to to 63.	knowledge and tof the press Board Inspector use the "VR" or use the "NR" Authorized repr	d belief the ure relief de tion Code "\ ' stamp exp ' stamp exp esentative	evices describe VR" and "NR" raires April 3, ires April 9,	d above ules. 2009.
		RTIFICATE OF			and at Dall	4.0
Charles F. Toegel J. essel Inspectors and certification or replacement described in the repair, modification or rode and the National Board signing this certificate, noncerning this repair, modification or my employer shall be liable.	ficate of competer of CT this report on /7 eplacement has being inspection Code either the undersignification or replace	ncy issued by the of Harmonian	ne jurisdiction artford, CT nd state that to in accordance " rules. nployer makes I in this report	of North have insp the best of with Section any warra Futhermore	Carolina and ected the repair f my knowledge on XI of the of the often may, expressed re, neither the units.	employed r, modification e and belief, he ASME or implied, undersigned
ising from or connected y	ith this inspection	wells	NB # 846	32, A, N, I	NC# 1073	

	CUMEN	T NO.:					REV. NO).:
	O	As F	Required by th		FOR REPAIRS OR			
1.	Owner .	Exelon Nucle	ar Name		Date <u>09/18/06</u>			
	4300 Win	field Road, W	arrenville, IL		Sheet 1		of <u>1</u>	
2.	Plant	Byron Nuclea	Address r Power Station	1	Unit 01			
_	-		Name					, , , , , , , , , , , , , , , , , , ,
	4450 N. G	ierman Churcl	n Road, Byron, Address	<u>IL</u>	Work Order No. Repair O		01 , P.O. No., Job No.,	eic.
						• , ,		
3. 1	Work Peri	formed by	N P S & W VEN Name	TURE	Type Code Symbo Authorization No.	•	Not Applicable Applicable	able
_:	36400 S.	Essex Road, V	/ilmington, IL 6	0481	Expiration Date		pplicable	
			Address				·.	
i. i	dentificati	on of System	MAIN STEA	M				
Ò	b) Applic c) Section		e(s) NONE		eplacement Activity		Case Edition / 2003	Addenda
	me of	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or installed	ASME Code Stamped (Yes or N
VOT	· · · · · · · · · · · · · · · · · · ·	GRINNELL	N/A	N/A	1MS08007S2	N/A	Removed	NO
APER	ED PIN	ANVIL	N/A	N/A	CAT ID 1396339	N/A	Installed	NO
						-		N .
	escription	of Work RF	EPLACED PIVO	T PIN WITH 1	LAPERED PIN			
De		<u></u>			TAI EILED I III		······································	

CERTIFICATE OF COMPLIANCE I certify that the statements made in the report are correct and this conforms to the requirements of the ASM Code, Section XI. Type Code Symbol Stamp Not Applicable Certificate of Authorization No. Not Applicable Date 9-26, 20 06 Owner Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period application of the Asmal Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions National Board, State Province, and Endorsements	CERTIFICATE OF COMPLIANCE I certify that the statements made in the report are correct and this conforms to the requirements of the ASMI Code, Section XI. Type Code Symbol Stamp Not Applicable Certificate of Authorization No. Not Applicable Date 9-26, 20 06 Owner Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period of Hartford, CT have inspected the components described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions	9. Remarks _\			
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to	to	Vessel Inspecto	rs and the State or Provin	ce of <u>Illinois</u>	and employed by HSB CT
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Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions ILL-1554 National Board, State Province, and Endorsements	Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions Inspector's Signature National Board, State Province, and Endorsements		•	, ,	• • • • • • • • • • • • • • • • • • • •
injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions ILL-1254 National Board, State Province, and Endorsements	injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions Inspector's Signature National Board, State Province, and Endorsements	•	•		•
Commissions 1/254 Inspector's Signature National Board, State Province, and Endorsements	Commissions L- 254 National Board, State Province, and Endorsements		•	· •	•
Inspector's Signature National Board, State Province, and Endorsements	Inspector's Signature National Board, State Province, and Endorsements	Otheredie	y damage of a loos of any		111-195A
		Inc	nector's Signature		National Board State Province and Endorsement
	Date:	<i>9</i>	l al		The state of the s

(Final)

DOCUMENT NO.:	6.0	REV. NO.: 0

1.	Owner Exel	on Nuclear			Date <u>9/27</u>	1/06		
	4300 Winfield	Road, Warrer	ime I ville, IL Iress	7 	Sheet 1		of <u>1</u>	
2.	Plant Byro	n Nuclear Po	wer Station me		Unit 01			
	4450 N. Germa	ın Church Ro			Work Order No. Repair O		6-01 P.O. No., Job No., (etc.
3.	Work Performe	K Road, Wilmi	S & W VENTUI lame ington, IL 6048 ress	•	Type Code Symb Authorization No. Expiration Date	Not	Not Applic Applicable oplicable	able
4.	Identification of	System F	EACTOR CO	OLANT [RC	1			
5. 6.	(b) Applicable	Edition of Sec Code Case(s)	tion XI Used fo		_19 <u>74</u> Edition, <u>§</u> placement Activity			
	Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
JPP	ER OIL COOLER	PERFEX DIV.	875201-2	5722	1RC01PC-M S/N: 3S-84P740	1976	REMOVED	YES
JPP	ER OIL COOLER	PERFEX DIV	900401-1	5960	1RC01PC-M S/N: 4S-84P741	1978	INSTALLED	YES
OW	ER OIL COOLER	IONICS INC.	7512/13-12	412	1RC01PC-M S/N: 3S-84P740	1976	REMOVED	YES
.ow	ER OIL COOLER	IONICS INC.	8062/63-2	529	1RC01PC-M S/N: 4S-84P741	1978	INSTALLED	YES
7.	Description of W Motor Assembly				mp Motor Assemb upper and lower o		740 with Refurb	ished
3.	Test Conducted:	Hydrostation	Pressure	umatic 132	Nominal Opera	ating Pres Temp.		empt □ ºF
loto	. Supplemental al				pai read_r	· -		

€.	Remarks	Work Order 00792		
			Applicable Manufacturer's	Data Reports to be attached

			CERTIFICATE OF COM	PLIANCE
ſ	certify that th	ne statements made	e in the report are correct and the	nis conforms to the requirements of the ASME
oc	le, Section X	II.		
уp	e Code Sym	bol Stamp	<u>N</u>	ot Applicable
er	tificate of Au	thorization No.		Not Applicable
gr	ned	In SMA	- RRR Coom	Date 11/13 , 20 06
		Owne	or Owner's Designee, Title	
			,	
		CE	RTIFICATE OF INSERVICE	E INSPECTION
1.	the undersi	gned, holding a vali	d commission issued by the Na	ational Board of Boiler and Pressure
		ctors and the State	•	and employed by HSB CT
	f Hartford			in this Owner's Report during the period
Ĭ	2/1/61	to ///3/6		pest of my knowledge and belief,
+1	ne Owner ha			easures described in this Owner's
		•	quirements of the ASME Code	
	•		•	· ·
			•	makes any warranty, expressed or
	•	•		described in this Owner's Report.
				ble in any manner for any personal
ir	njury or prop	erty damage or a los	ss of any kind arising from or c	
	Quent	uller	Commissions	126-1254
		Inspector's Signature		National Board, State Province, and Endorsements
С	ate: 7	wenter 13.	20 06	

1.	Owner	Exelon Nuclear			Date	3/13/06			
	-		me						***************************************
	4300 Wintiel	d Road, Warrenvil Add	ress		Sheet	1		of <u>4</u>	
2.	Plant _	Byron Nuclear Po	wer Station		Unit _(000			
	4450 N Gorr	Na nan Church Road	me Byron II 6101	0	Durcha	sa Ordar A	lo 0009	3172 Release	00000
	4430 N. Gen		ress		ruiciia			P.O. No., Job No.,	
3.	Work Perform	ned by Westin	ghouse Electric		Type Co	ode Symbo	l Stamn	Not Applic	eahl a
Ο.	WORK F CHOIN	*	me			ation No.		Applicable	<u> </u>
	PO Box 355	Pittsburgh PA 152		<u> </u>	Expiration	on Date		plicabl e	
			ress						
4.	Identification	of System Rea	ctor Coolant [RC	C] - Spare F	Reactor				
5.	(a) Applicabl	le Construction Cod	de Section II	l 19	74 Fdit	W76 ion, S74		Dil Cooler da, None	Code Case
0.	(b) Applicabl	e Edition of Section	n XI Utilized for F						
•		(I Code Cases used of Components Rep		ad and Da					
6.	identification (or Components Rep	paired or Replac	ed and Hep	piaceme	ent Compoi	nents		
				A 1-4:1				Corrected,	ASME Code
	Name of	Name of	Manufacturer	National Board		Other	Year	Removed, or Installed	Stamped (Yes or No)
	Component	Manufacturer	Serial No.	No.	Iden	tification	Built		<u> </u>
End (er Oil Cooler Top Cover Studs (12)	Perfex Division	n/a	n/a	S/N 90		1978	Removed	No
	r Oil Cooler Top Cover Studs (12)	Nova Machine Products	HT: 230111 HT Code: 86E	n/a	S/N 90	0401-1	2005	Installed	No
	r Oil Cooler Top	Perfex Division	n/a	n/a	S/N 90	0401-1	1978	Removed	No
	Cover Nuts (24) r Oil Cooler Top	Nova Machine	HT: 7220464	n/a	S/N 90	0401-1	ļ		110
	Cover Nuts (24)	Products	HT Code: 86E	11/4	3/14 901		2005	Installed	No
	- 6" A L B:	<u> </u>			0/11/00				
	r Oil Cooler Btm Cover Studs (12)	Perfex Division	n/a	n/a	S/N 900	0401-1	1978	Removed	No
	r Oil Cooler Btm Cover Studs (12)	Nova Machine Products	HT: 23011 HT Code: 86E	n/a	S/N 900	0401-1	2005	Installed	No
	Oil Cooler Btm Nuts (24)	Perfex Division	n/a	n/a	S/N 900)401-1	1978	Removed	No
	Oil Cooler Btm Nuts (24)	Nova Machine Products	HT: 7220464 HT Code: 86E	n/a	S/N 900)401-1	2005	Installed	No
7.	Description of \		Bolting on Upper				d Lower (Oil Cooler	
-	S/N 8062/63-2	for Spare Reactor	Coolant Pump M	lotor S/N 4	S-84P7	41.			
8.	Test Conducted	d: Hydrostatic [Pneumat	tic 🔲 🗈 1	Vominal	Operating	Pressure	e 🔲 Exem	pt 🗌
	N/A								

information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number

of sheets is recorded at the top of this form.

9.	Remarks	Purchase Order No. 00083172 Release 00002
		Applicable Manufacturer's Data Reports to be attached
	1	CERTIFICATE OF COMPLIANCE
1	certify that th	he statements made in the report are correct and this conforms to the requirements of the ASME
Cod	de, Section X	(I.
Тур	e Code Sym	nbol Stamp Not Applicable
Cert	tificate of Au	thorization No. Not Applicable
Sign	ned	1 5 20 RRR COOLS Date 8/15 , 20 04
		Owner's Designee, Title
		CERTIFICATE OF INSERVICE INSPECTION
I.	the undersi	igned, holding a valid commission issued by the National Board of Boiler and Pressure
		ctors and the State or Province of Illinois and employed by HSB CT
o	f Hartford	d, CT have inspected the components described in this Owner's Report during the period
5	2/2/166	to 8/3/106 , and state that to the best of my knowledge and belief,
tf	ne Øwner ha	as performed examinations and taken corrective measures described in this Owner's
		ordance with the requirements of the ASME Code, Section XI.
		is certificate neither the Inspector nor his employer makes any warranty, expressed or
in	nplied, conc	erning the examinations and corrective measures described in this Owner's Report.
F	urthermore,	neither the Inspector nor his employer shall be liable in any manner for any personal
in	jury or prop	erty damage or a loss of any kind arising from or connected with this inspection.
<	Donas	Commissions KL- 1254
7		Inspector's Signature National Board, State Province, and Endorsements
D	ate: 🔏	ugust 21, 20 06

FORM NIS-2 SUPPLEMENTAL SHEET

1.	Owner	Exelon	Nuclear		Date <u>03/</u>	13/06			
	4300 Win	ifield Road	Name , Warrenville ,	IL 60555	Sheet	2	of	•	4
			Address						
2.	Plant	Byron I	Nuclear Power	Station	Unit 00				
			Name						
	4450 N. G	German Chi	urch Road, By	ron, IL 61010	Purchase C	order N	o. 000831	72 Release	€ 00002
			Address		Re	epair Orga	anization, P.O	. No., Job No	., etc.
3.	Work Perl	formed by	Westingho	use Electric	Type Code S	Symbol		Not Appl	icable
			Name		Authorization	n No.	Not App	olicable	
	PO Box 3	55 Pittsbur	gh PA 15230-	0355	Expiration D	ate	Not Appli	cable	
			Address			-			
4.	Identificati	on of Syste	m Reactor	Coolant [RC] -	Spare Reactor Co	olant Pu	ump Motor	Oil Coolers	3
						W76	Upper Oil C	Cooler	
5.	(a) Applio	cable Const	ruction Code	Section III	19 74 Edition,	S74	Addenda,	None	Code Case
	(b) Applic	able Edition	n of Section XI	Utilized for Repa	airs or Replaceme	nt Com	ponents	2001 Ed/2	003 Ad
	(c) Section	on XI Code	Cases used,	None	·				
6.	Identificati	on of Comp	onents Repaire	ed or Replaced a	and Replacement	Compo	nents		

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Upper Oil Clr Top Sta. Flange Studs (8)	Perfex Division	n/a	n/a	S/N 900401-1	1978	Removed	No
Upper Oil Clr Top Sta. Flange Studs (8)	Nova Machine Products	HT: 230111 HT Code: 86E	n/a	S/N 900401-1	2005	Installed	No
Upper Oil Clr Top Sta. Flange Studs for Drip Pan (4)		HT: 122Z245 Code: LIDE	n/a	S/N 900401-1	1981	Removed	No
Upper Oil Clr Top Sta. Flange Studs for Drip Pan (4)	Nova Machine Products	HT: 230111 Lot: 50046080	n/a	S/N 900401-1	2005	Installed	No
Upper Oil Clr Top Sta. Flange Nuts (24)	Perfex Division	n/a	n/a	S/N 900401-1 MJ-123	1978	Removed	No
Upper Oil Clr Top Sta. Flange Nuts for Drip Pan (4)	Chicago Tube & Iron	HT: 8867040 Code: LICC	n/a	S/N 900401-1	1981	Removed	No
Upper Oil Clr Top Sta. Flange Nuts (28)	Nova Machine Products	HT: 7220464 HT Code: 86E	n/a	S/N 900401-1	2004	Installed	No
Upper Oil Clr Btm Floating Flange Studs (12)	Perfex Division	n/a	n/a	S/N 900401-1	1978	Removed	No
Upper Oil CIr Btm Floating Flange Studs (12)	Nova Machine Products	HT: 230111 HT Code: 86E	n/a	S/N 900401-1	2005	Installed	No
Upper Oil CIr Btm Floating Flange Nuts (24)	Perfex Division	n/a	n/a	S/N 900401-1	1976	Removed	No
	Nova Machine Products	HT: 7220464 HT Code: 86E	n/a	S/N 900401-1	2005	Installed	No

FORM NIS-2 SUPPLEMENTAL SHEET

1.	Owner	Exelon	Nuclear		Date	3/13/06			
	4300 Win	field Road.	Name Warrenville, I	L 60555	Sheet	3	of		4
			Address		•				
2.	Plant	Byron N	luclear Power	Station	Unit	00			
			Name		_				
	4450 N. G	erman Chu	ırch Road, By	ron, IL 61010	Purcha	se Order N	lo. 0008317	2 Release	00002
			Address		1	Repair Org	anization, P.O.	No., Job No	., etc.
3.	Work Perf	ormed by	Westingho	use Electric	Туре С	ode Symbo	l Stamp	Not Appl	icable
			[,] Name		Authoria	zation No.	Not App	licable	
	PO Box 3	55 Pittsbur	gh PA 15230-	0355	Expirati	on Date	Not Applic	able	
			Address						
4.	Identificati	on of Syster	m Reactor	Coolant [RC] -	Spare Reacto	r Coolant P	ump Motor (Dil Coolers	<u> </u>
						W76	Upper Oil C	ooier	
5.	(a) Applic	able Constr	ruction Code	Section III	19 74 Edi	tion, S74	Addenda,	None	Code Case
	(b) Applic	able Edition	of Section XI	Utilized for Rep	pairs or Replac	ement Con	ponents	2001 Ec	√2003 Ad
	(c) Section	n XI Code (Cases used,	None	ŕ		-		
6.	Identification	on of Comp	onents Repaire	ed or Replaced	and Replacen	nent Compo	onents		

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Upper Oil Clr Mounting Bracket Support Bolts (2)	Perfex Division	n/a	n/a	S/N 900401-1	1978	Removed	No
Upper Oil Clr Mounting Bracket Support Bolts (2)	Nova Machine Products	HT: US Y87951 Code: R563	n/a	S/N 900401-1	2005	Installed	No
Upper Oil Clr	Perfex Division	n/a	n/a	S/N 900401-1			
Sliding Support Studs (2)					1978	Removed	No
Upper Oil Clr Sliding Support Stud (2)	Nova Machine Products	HT: 54678 Code: R564	n/a	S/N 900401-1	2005	Installed	No
Upper Oil Clr Sliding Support Nuts (2)	Perfex Division	n/a	n/a	S/N 900401-1	1978	Removed	No
Upper Oil Clr Sliding Support Nuts (2)	Nova Machine Products	HT: 7201928 Code: VAR	n/a	S/N 900401-1	2005	Installed	No
Upper Oil Clr Sliding Support Jam Nuts (2)	Perfex Division	n/a	n/a	S/N 900401-1	1978	Removed	No
Upper Oil Clr Sliding Support Jam Nuts (2)	Nova Machine Products	HT: 7201928 Code: R565	n/a	S/N 900401-1	2005	Installed	No

FORM NIS-2 SUPPLEMENTAL SHEET

1.	Owner	Exelon Nucle	ear		Date	3/13/06			
			Name						-
	4300 Wint	field Road, Warr	enville, l	L 60555	Sheet	4	of	4	
			Address			-			
2.	Plant	Byron Nuclea	ar Power	Station	Unit _	00			
			Name		_				
	4450 N. G	erman Church F	Road, By	ron, IL 61010	Purcha	se Order N	lo. 0008317	72 Release	00002
			Address	•		Repair Org	anization, P.O.	No., Job No.,	etc.
3.	Work Perf	ormed by We	estingho	use Electric	• •	ode Symbo	· · · · · · · · · · · · · · · · · · ·	Not Applic	able
			Name		Authori	zation No.	Not App		
	PO Box 3	55 Pittsburgh PA	4 15230-0	0355	Expirati	ion Date	Not Applie	cabl e	
			Address						
4.	Identification	on of System	Reactor	Coolant [RC] -	Spare Reacto	or Coolant P	ump Motor (Oil Coolers	
						W76	Upper Oil C	Cooler	
5.	(a) Applic	able Construction	n Code	Section III	19 74 Edi	tion, S74	Addenda,	None	Code Case
	(b) Applic	able Edition of Se	ection XI	Utilized for Repa	airs or Replac	cement Com	ponents	2001 Ed/20	03 Ad
	(c) Sectio	n XI Code Cases	used,	None			1		
6.	Identification	on of Component	s Repaire	d or Replaced a	and Replacen	nent Compo	nents		

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Lower Oil Clr Support Bracket Bolts (3)	lonincs Inc.	n/a	n/a	S/N 8062/63-2	1978	Removed	No
Lower Oil Clr Support Bracket Bolts (2)	Nova Machine Products	HT: CR172120 Code: N	n/a	S/N 8062/63-2	2005	Installed	No
Lower Oil Cir Bearing Bracket Pipe Support Bolts (4)	lonines Inc.	n/a	n/a ု	S/N 8062/63-2	1978	Removed	No
Lower Oil Clr Bearing Bracket Pipe Support Bolts (4)	Dubose National Energy Services	HT: 57279 Code: 14571	n/a	S/N 8062/63-2	2003	Installed	No
						,	

D	OCUMENT	NO.: 3	3.0		·		REV. NO	.: O
1.	Owner		equired by th		OR REPAIRS OF the ASME C	ode Sect		
	4300 Winf	ield Road, Wa	Name rrenville, IL		Sheet		of. 1	
2.			Address Power Station		Unit 01			·
۷.	4004		Name		-	F04000 4	<u> </u>	
•	4450 N. G		Road, Byron, Address	<u> </u>	Work Order No. Repair (77 P.O. No., Job No., (etc.
3.	Work Perfe	ormed by N	PS&WVENT	<u> TURE</u>	Type Code Symi			able
	36400 S. E	ssex Road, W	Name ilmington, IL 6	0481	Authorization No Expiration Date		Applicable oplicable	
٠			Address		•			
4.	Identification	on of System	Residual He	<u>at</u>				
5.					19 <u>74</u> Editi -108, N-180			14 Rev. 7,
6.	(b) Applic (c) Sectio		Section XI Used e(s) <u>NONE</u>		placement Activity			Addenda
0.	- Identification							ASME
	Name of proponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	Code Stamped (Yes or No)
	ber, PSA -	Pacific Scientific	14850	N/A	1RH02112S	1980	Removed	Yes
	ber, Lisega	Lisega	30500419- 001	N/A	1RH02112S	2005	Installed	No
<u> </u>					-			
,								
7.	Description	of Work R	EPLACED SNU	BBER				
8 .	Test Condu	cted: Hydros	static	Pneumatic 🔲	Nominal Opera	ating Press	sure	mpt 🔲
	VT-3	Other	Pressure	e	psi Test	Temp.	1	PF

9. Remarks	WO 594992-01					
		Applicable Manufacturer	s Data Reports to	be attac	ched	
<u></u>						
						
		CERTIFICATE OF CO	MPLIANCE			
I certify that th	ne statements made i	in the report are correct and	this conforms to	the requ	irements o	f the ASME
Code, Section X	1.					•
ype Code Sym	bol Stamp	<u> </u>	Not Applicable			
ertificate of Au			Not Applicable	8		
igned	Suttopos	X		Date	10-10	, 20 <u>06</u>
	Owner	or Owner's Designee, Title				
					·	
					<u>.</u>	
	CEF	RTIFICATE OF INSERVI	E INSPECTIO	N		
I, the undersi	gned, holding a valid	commission issued by the I	National Board of	Boiler a	nd Pressur	e
Vessel Inspec	ctors and the State of	r Province of Illinois	and emplo	yed by	HSB CT	<u> </u>
of Hartford	I, CT have inspect	ed the components describe	ed in this Owner's	Report	during the	period
9/17/06	to 9/18/0	, and state that to the	best of my know	iledge ar	nd belief,	
the Owner ha	s performed examina	ations and taken corrective	measures describ	ed in thi	s Owner's	
Report in acc	ordance with the requ	uirements of the ASME Coo	e, Section XI.			
By signing thi	s certificate neither th	ne Inspector nor his employ	er makes any wa	rranty, e	xpressed o	NF .
implied, conce	eming the examination	ons and corrective measure	s described in this	s Owner	's Report.	
Furthermore,	neither the Inspector	nor his employer shall be li	able in any mann	er for an	y personal	
injury or prope	erty damage or a loss	s of any kind arising from or	connected with ti	his inspe	ection.	
0		Commissions	IL154	6		
	Inspector's Signature		National Board	, State Pro	wince, and Er	ndorsements
Date:	10/12 .21	0 06				

(Final)

DOCUMENT NO.:	4.1	REV. NO.: 0

. Owner	Exelon Nuclea		·	Date <u>9/20/06</u>			
4200 W	infield Road, Wa	Name		Sheet 1		of 1	
4300 W	imieiu noau, wa	Address				of <u>1</u>	
Plant	Byron Nuclear	Power Station		Unit 01			
		Name					
4450 N.	German Church	Road, Byron, IL		Work Order No.		5-01 P.O. No., Job No., (
		Address		Hepair Or	ganization,	P.O. No., Job No.,	eic.
Work Pe	erformed by	PS&W VENTU	RE	Type Code Symbo	ol Stamp	Not Applic	able
		Name		Authorization No.		Applicable	
<u>36400 S</u>	i. Essex Road, W	/Ilmington, IL 604	<u>81</u>	Expiration Date	Not Ap	plicable	
		Address					
Identific	ation of System	RESIDUAL HE	AT REMOV	AL			
(a) App	vlicable Construct	ion Code ASME	Section III	19.71 Edition S	72 Adde	nda None	Code Case
		Section XI Used for					
	tion XI Code Cas			J. C.		Lakioi,, Lou	, 10001100
	ation of Compone						
	1	T	T	I			ASME
						Corrected,	Code
Name of	Name of	Manufacturer	National Board	Other	Year	Removed, or Installed	Stamped (Yes or No)
Component	Manufacturer	Serial No.	No.	Identification	Built	oa.ioa	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
LIEF VALVE (4"::	Crosby Valve & Gage	N56904-00-0012	N/A	1RH8708A	1975	Removed	YES
LIEF VALVE	Crosby	NEGOCA GO GOAG		45407004	4000		VEO
x 4"	Valve & Gage	N56904-00-0013	N/A	1RH8708A	1975	Installed	YES
						1	
						······································	
						· · · · · · · · · · · · · · · · · · ·	<u> </u>
Descripti	on of Work R	EPLACE RELIEF	ALVE FOR	1RH8708A			

	Applicable Manufacturer's Data Re	ports to be attached
	CERTIFICATE OF COMPLIANCE	CE
I certify that the statements made	in the report are correct and this confo	- —
ode, Section XI.	·	•
pe Code Symbol Stamp	Not Appli	cable
ertificate of Authorization No.	Not Ap	plicable
		5 · 11/- · 00 · 01
gned Som	e) or Owner's Designee, Title	Date <u>11/29</u> , 20 <u>01</u>
gned Say		Date 11/29 , 20 81
Own		
CE	e) or Owner's Designee, Title	ECTION
CE	e) or Owner's Designee, Title ERTIFICATE OF INSERVICE INSPI id commission issued by the National B	ECTION
I, the undersigned, holding a vali Vessel Inspectors and the State of Hartford, CT have inspec	er or Owner's Designee, Title ERTIFICATE OF INSERVICE INSPI id commission issued by the National B or Province of	ECTION Board of Boiler and Pressure d employed by HSB CT Owner's Report during the period
I, the undersigned, holding a valid Vessel Inspectors and the State of Hartford, CT have inspectors and the Inspector of Hartford, CT have inspectors and the Inspector of Hartford, CT have inspectors of Inspector	ERTIFICATE OF INSERVICE INSPI id commission issued by the National B or Province of and cted the components described in this	ECTION Board of Boiler and Pressure d employed byHSB CT Owner's Report during the period my knowledge and belief,
I, the undersigned, holding a valid Vessel Inspectors and the State of Hartford, CT have inspectors and the Inspector of Hartford, CT have inspectors and the Inspector of Hartford, CT have inspectors of Inspector	er or Owner's Designee, Title ERTIFICATE OF INSERVICE INSPIRITED INTO INSERVICE INSPIRITED INTO INSERVICE INSPIRITED INTO INSERVICE INSPIRITED INSERVICE INSPIRITED INTO INSERVICE INSERV	ECTION Board of Boiler and Pressure d employed byHSB CT Owner's Report during the period my knowledge and belief,
CE I, the undersigned, holding a vali Vessel Inspectors and the State of Hartford, CT have inspected to 11.30 the Owner has performed examination.	ERTIFICATE OF INSERVICE INSPI id commission issued by the National B or Province of and cted the components described in this	ECTION Board of Boiler and Pressure d employed by HSB CT Owner's Report during the period my knowledge and belief, described in this Owner's
I, the undersigned, holding a valid Vessel Inspectors and the State of Hartford, CT have inspect to 1.3.06 to 11.30 the Owner has performed examine Report in accordance with the residue of the Owner has performed examined the control of the Owner has performed examined the Owner has performed the Owner has perform	ERTIFICATE OF INSERVICE INSPI id commission issued by the National B or Province of Illinois and cted the components described in this cted the components described in this cted the components described in this	ECTION Board of Boiler and Pressure d employed byHSB CT_ Owner's Report during the period my knowledge and belief, described in this Owner's m XI.
I, the undersigned, holding a valid Vessel Inspectors and the State of Hartford, CT have inspect to 1.3.06 to 11.30 the Owner has performed examine Report in accordance with the real By signing this certificate neither	ERTIFICATE OF INSERVICE INSPI id commission issued by the National B or Province of and cted the components described in this components described in this components described in this components described in this components of the ASME Code, Section	ECTION Board of Boiler and Pressure d employed by HSB CT Owner's Report during the period my knowledge and belief, described in this Owner's m XI. any warranty, expressed or
I, the undersigned, holding a valid Vessel Inspectors and the State of Hartford, CT have inspect to 11.30 the Owner has performed examinal Report in accordance with the real By signing this certificate neither implied, concerning the examinal Furthermore, neither the Inspectors	ERTIFICATE OF INSERVICE INSPI id commission issued by the National B or Province of	ECTION Board of Boiler and Pressure d employed by HSB CT Owner's Report during the period my knowledge and belief, described in this Owner's n XI. any warranty, expressed or ed in this Owner's Report. my manner for any personal
I, the undersigned, holding a valid Vessel Inspectors and the State of Hartford, CT have inspect to 11.30 the Owner has performed examinal Report in accordance with the real By signing this certificate neither implied, concerning the examinal Furthermore, neither the Inspectors	ERTIFICATE OF INSERVICE INSPI id commission issued by the National B or Province of Illinois and cted the components described in this components of the ASME Code, Section the Inspector nor his employer makes tions and corrective measures described	ECTION Board of Boiler and Pressure d employed by HSB CT Owner's Report during the period my knowledge and belief, described in this Owner's n XI. any warranty, expressed or ed in this Owner's Report. my manner for any personal

DOCUMENT NO.:	3-1		REV. NO.:	0	
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1.	Owner _	Exelon Nuclea			Date <u>9/18/06</u>			······································
	4300 Wint	field Road, Wa	Name rrenville, IL		Sheet 1		of	1
2.	Plant		Address Power Station		Unit <u>02</u>			
	4450 N. G	erman Church	Name Road, Byron, I	L	Work Order No.	911404-	01	
			Address	•	Repair O	rganization,	, P.O. No., Job No	o., etc.
3.	Work Perf		yron Mechanic Iaintenance	:al 	Type Code Symb	·	Not App	licable
	4450 N G	orman Church	Name	1	Authorization No.		Applicable pplicable	
	4450 N. G		Road, Byron, I Address	<u> </u>	Expiration Date	NOL A	phicapie	
4.	Identificati	on of System	RH - RESID	UAL HEAT RE	MOVAL			
5.	(b) Applic		Section XI Used		_ 19 <u>74</u> Edition, <u>S</u> placement Activity			
6.	Identification	on of Compone	nts					
	Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
	STUDS	REPUBLIC STEEL	HT #97674	N/A	1RH607	1979	REMOVED	NO
	NUTS	CASTLE METALS	HT #6057647	N/A	1RH607	1998	REMOVED	NO
	STUDS	Nova Machine Products	HT Code R460 HT: 7526262	N/A	CAT ID #44337 1RH607	2005	INSTALLED	NO
	NUTS	Nova Machine Products	HT: Q2280A	N/A	CAT ID #30520 1RH607	2006	INSTALLED	NO
	····							
							010 00000	
7.	Description	of Work RI	EPLACE FLANC	i⊨ STUDS AN	D NUTS DUE TO	BORIC A	CID CORROS	SION
8.	Test Condu	ucted: Hydros Other		Pneumatic 🗌	Nominal Opera	ting Pres Temp.		xempt ⊠ ºF
Note	: Suppleme				as mav be used, p		-	

9.	Remarks	Work Order No.). 91140 4- 01
			Applicable Manufacturer's Data Reports to be attached
,			
	<u> </u>		
			CERTIFICATE OF COMPLIANCE
14	certify that t	ne statements ma	ade in the report are correct and this conforms to the requirements of the ASME
	le, Section)		ac in the report are correct and this comotine to the requirements of the AdME
	e Code Sym		Not Applicable
•	-	toorization No.	
		donzation No.	Not Applicable
Sigr	nea/		RR Coord Date 11/2(,20 DL
	`	- &)	wner or Owner's Designee, Title
		C	CERTIFICATE OF INSERVICE INSPECTION
	, the unders	_	CERTIFICATE OF INSERVICE INSPECTION ralid commission issued by the National Board of Boiler and Pressure
		_	alid commission issued by the National Board of Boiler and Pressure
V	essel Inspe	gned, holding a vactors and the Stat	ralid commission issued by the National Board of Boiler and Pressure te or Province of Illinois and employed by HSB CT
V	essel Inspe	gned, holding a vactors and the Stat	ralid commission issued by the National Board of Boiler and Pressure te or Province of and employed by HSB CT pected the components described in this Owner's Report during the period
\ 0	essel Insper of Hartford	gned, holding a vactors and the State d., CT have inspected to	ralid commission issued by the National Board of Boiler and Pressure te or Province of and employed by HSB CT pected the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief,
\ o	essel Inspe I Hartford G/K/p/ Pe Owner ha	gned, holding a vactors and the State if, CT have inspected to the state in the sta	ralid commission issued by the National Board of Boiler and Pressure te or Province of Illinois and employed by HSB CT pected the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, minations and taken corrective measures described in this Owner's
V O tl	essel Insper Insperience Insperience The Owner have	gned, holding a vactors and the State d. CT have inspected have inspected have been been depicted by the state of the stat	ralid commission issued by the National Board of Boiler and Pressure te or Province of Illinois and employed by HSB CT pected the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, minations and taken corrective measures described in this Owner's requirements of the ASME Code, Section XI.
ti F	essel Insper of Hartford The Owner has Report in acc By signing the	gned, holding a vactors and the State in the	ralid commission issued by the National Board of Boiler and Pressure te or Province of Illinois and employed by HSB CT Dected the components described in this Owner's Report during the period and state that to the best of my knowledge and belief, minations and taken corrective measures described in this Owner's requirements of the ASME Code, Section XI.
tl F ir	Hartford Hartford He Owner ha Report in acc By signing the mplied, cond	gned, holding a vactors and the State d., CT have inspected have inspected have inspected have inspected have been been been been been been been be	ralid commission issued by the National Board of Boiler and Pressure te or Province of Illinois and employed by HSB CT pected the components described in this Owner's Report during the period and state that to the best of my knowledge and belief, minations and taken corrective measures described in this Owner's requirements of the ASME Code, Section XI. The interior is a contractive measures described in this Owner's Report.
tl F ir F	Hartford Hertford He Owner ha Report in acc By signing the Implied, concerning the Turthermore,	gned, holding a vactors and the State of the	ralid commission issued by the National Board of Boiler and Pressure te or Province of Illinois and employed by HSB CT Deected the components described in this Owner's Report during the period and state that to the best of my knowledge and belief, minations and taken corrective measures described in this Owner's requirements of the ASME Code, Section XI. The inspector nor his employer makes any warranty, expressed or mations and corrective measures described in this Owner's Report. The inspector nor his employer shall be liable in any manner for any personal
tl F ir F	Hartford Hertford He Owner ha Report in acc By signing the Implied, concerning the Turthermore,	gned, holding a vactors and the State of the	ralid commission issued by the National Board of Boiler and Pressure te or Province of Illinois and employed by HSB CT pected the components described in this Owner's Report during the period and state that to the best of my knowledge and belief, minations and taken corrective measures described in this Owner's requirements of the ASME Code, Section XI. Here the Inspector nor his employer makes any warranty, expressed or mations and corrective measures described in this Owner's Report. Hector nor his employer shall be liable in any manner for any personal closs of any kind arising from or connected with this inspection.
tl F ir F	Hartford Hertford He Owner ha Report in acc By signing the Implied, concerning the Turthermore,	gned, holding a vactors and the State d. CT have inspected have inspected have inspected have inspected have inspected have a sperformed examination of the examinati	ralid commission issued by the National Board of Boiler and Pressure te or Province of
tl F ir F	Hartford Hertford He Owner ha Report in acc By signing the Implied, concerning the Turthermore,	gned, holding a vactors and the State of the	ralid commission issued by the National Board of Boiler and Pressure te or Province of Illinois and employed by HSB CT Deected the components described in this Owner's Report during the period province, and state that to the best of my knowledge and belief, minations and taken corrective measures described in this Owner's requirements of the ASME Code, Section XI. Her the Inspector nor his employer makes any warranty, expressed or mations and corrective measures described in this Owner's Report. Herefore nor his employer shall be liable in any manner for any personal closs of any kind arising from or connected with this inspection. Commissions

		r <u>Exelon Nucl</u>	Name		Date <u>8-29-05</u>			
	4300	Winfield Rd. W	arrenville, II. 60	555	Sheet <u>1</u> of <u>1</u>			
	Plant	Byron Nuclea	r Power Station	l l	Jnit <u>0</u>			
	4450 I	N. German Chu	ırch Road, Byro	n, II. F	Purchase Order 0008	4690		
	Work i	Performed by <u>Fl</u>	Address LOWSERVE Name		Type Code Symbol St Authorization No. Not	amp <u>N</u> Applic	able	9 4 C.
	<u>4816 V</u>	North Pl. Charlo	otter, North Carol	ina E	Expiration Date Not	Applic	able	
	identif	ication of Syster	m (RH) Residua	al Heat				
	(a) Ap	oplicable Constr	uction Code S	ection III 19	74 Edition, S7	<u>4</u> Ad	denda N528-	1 Code Ca
	(b) A=	nlicable Edition	of Section VI III	ilized for Pencis	s or Replacement Co		nte 10 20	
	(b) Ap	рисавіе Еццоп	or Section At Ot	ilizeu ioi Repair	s or Replacement Co	mpone	urs ia oa	
	Identifi	cation of Comp	onents Repaired	or Replaced ar	nd Replacement Com	ponents	S	
Nem		Name of Menufacturer	Menufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced,	ASME Code; Stamped
Stuffin	Tabs on	Ingersoll Rand	91130	N/A	UTC 2714864 Ht. No. 8653166	1978	or Replacement Replacement	(Yes or No)
	-							
					i			

This form has been electronically generated.

the number of sheets is recorded at the top of this form.

	Applicable Manufacturer's Data Reports to be attached
_	
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and Replacement conforms to the rules of the
	ASME Code, Section XI. repair or replacement
	Type Code Symbol Stamp Not Applicable
	Type code Symbol Stamp Not Applicable
	Certificate of Authorization No. Not Applicable Expiration Date Not Applicable
į	Signed Scott Esposito Suff Empt Date 4-1Z ,2006
_	
	CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
ļ	Inspectors and the State or Province of Illinois and employed by HSB CT.
	of Hartford, CT have inspected, the components described in this Own
	Report during the period 6/23/05 to 4/12/06, and state that to the b
	my knowledge and belief, the owner has performed examinations and taken corrective measures described
	Owner's Report in accordance with the requirements of the ASME Code, Section XI.
ļ	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied,
	concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neith
	Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss
	any kind arising from or connected with this inspection.
ė	Sheudushu Commissions /LL-1254
i	
- -	Inipidate's Signature National Board, State Provision, and Endorsements

1	DOCUME	NT No.: 4.0						REV. No	o.: 0
						•		NT ACTIVITY	
	Owner	As Re Exelon Nucle	equired by the	e Provisions	of the A		ode Sec	tion XI	
1.	Owner ₋	Exelon Nucle	Name		Date _	9/2//00			
	4300 Wi	nfield Road, V			Sheet	1		of 1	
•			Address		,				
2.	Plant	Byron Nuclea	r Power Statio	on	Unit	01			
	4450 N	German Chur	Name	. TI	Work O	rder No.	007020	929 ₋ 02	
	4450 N.	German Churc	Address	<u>, 1L</u>				P.O. No., Job No.	. etc.
							•	•	•
3.	Work Per	•	Westinghouse		Type Co	de Symbo	ol Stamp	Not Appli	cable
			Electric Compa Name	INY LLC	Authoriz	ation No.	Not	Applicable	
	PO Box 3	55, Pittsburgh,		5	Expiration			pplicable	
•			Address			4.0			
4	Talamilliani	tion of Custom	Dungarini	(DV)					
4.	Idenunca	tion of System	Pressuri	zer (RY)			······································		
5.	(a) Applio	able Construction	Code (Vessel) AS	SME Section III	19 71 E	Edition, S	573 Adde	nda, NB4643, 1493-1, 1528	Code Case
	Applio	able Construction	Code (Pipe) AS	ME Section III	19 74 E	dition, S	 5 75 Adde		Code Case
	(b) Appli	cable Edition of	Section XI Used	for Repair/Rep	lacement	Activity	2001	Edition / 2003	Addenda
		on XI Code Case						RR 13R-08	
6.	Identificat	tion of Compone	ents Repaired or	Replaced and	Replacem	ent Comp	onents:		
N	lame of	Name of	Manufacturer	National	Ot	her	Year	Corrected,	ASME Code
Co	mponent	Manufacturer	Serial No.	Board No.	Identi	fication	Built	Removed, or	Stamped
	<u> </u>		PZR: 1721		<u> </u>			Installed	(Yes or No)
	S, Surge		Safe-End: Ht. #		1RY1	IA-14",			
Nozzle Weld/S	/DM Safe –End/SS	Westinghouse	P71S Surge Line:	W13580		, PN-01-	1976	installed	YES
Weld/P			10350		SI	W 1			
,				-					
		<u> </u>							
					<u> </u>				
		 							
7.	Description	n of Work	TRUCTURAL	WELD OVERLA	AY ON P	RESSURI	ZER SU	RGE NOZZLE P	N-01-
	•		W1, LINE No.	1RY11A-14					
8.	Test Cond	ucted: Hydro	static 🔲 🛚 I	Pneumatic 🔲	Nomi	nal Opera	iting Pres	sure 🛛 🛚 Ex	empt 🔲
		Other	Pressui	re 2233	psi	Test '	Temp.	557	o F
					······································		-		
		ental sheets in fo							

information in items 1 through 6 on this report of sheets is recorded at the top of this form.

. Remarks	Work Order No.			
(#) Cada Ca	N FO4 2 and N 6	• •		Data Reports to be attached
(*) Code Ca	ises N-504-2 and iv-b	38-1 invokea r	y Keller Kequest	: I3R-08, B&PV Code Case 2142-2
	·			
		CERTIFI	CATE OF COM	PLIANCE
I certify tha	it the statements ma	de in the repor	t are correct and	this conforms to the requirements of the ASME
Code, Section		de ni ero repe.	t die con cot	tills comornia to the requirement of the first terms
Type Code Syl			No	ot Applicable
••	Aythorization No/			Not Applicable
	ht will	2.8.6 COO	ROINHTOR	Date 12 11 , 20 06
signeu				Date 1-111 , 20 00
	Owner	or Owner's De	signee, riue	
			-	
	CE	RTIFICATE (OF INSERVIC	E INSPECTION
T the unde	rsigned, holding a va	lid commission	issued by the Na	ational Board of Boiler and Pressure
•	ectors and the State		-	and employed by HSB CT
•				
Of Mailie		•		In this Owner's Report during the period
9//5/06	to _ <i>13.[11][6</i>			best of my knowledge and belief,
the Owner	has performed exam	inations and ta	ken corrective m	easures described in this Owner's
Report in a	ccordance with the re	equirements of	the ASME Code,	Section XI.
By signing t	his certificate neither	r the Inspector	nor his employe	r makes any warranty, expressed or
				described in this Owner's Report.
•	•			ible in any manner for any personal
		-	·	connected with this inspection.
"'y=-', ',	*	505 tr 2,	, and it	sometime that the map to the terms of the te
Olm	udin.		Commissions	121-1254
Jenne	Inspector's Signature	<u> </u>	COHMINGS.CI.C	National Board, State Province, and
•	Inspector's signature	;		Endorsements
Date:	Dec. 11 ,	20.06		
	<i>Vuc </i>	20 00		

		AS Hequ	lirea by the Prov	visions of the	ASME Code	Section	XI	
1.	Owner Ex	celon Nuclear		Date	09/27/06			
	4300 Winfie	Na Id Road, Warrer	ame Iville, IL	 Sheet	1	of	1	
2.	Plant By	Add yron Nuclear Po	lress wer Station	 Unit .	01			
	4450 N. Ger	man Church Ro		Work	Order No. 007			
3.	Work Perfori		ress S & W VENTURE	Type (Repair Orga Code Symbol Si		O. No., Job No., e Not Applicab	
		sex Road, Wilm		Author	ization No.	Not Application	licable	
4.	Identification		ress leactor Coolant P	ressurizer (RY)			
5.	(b) Applicat	ole Edition of Sec	Code ASME Section XI Used for Re					
6.	· ,	XI Code Case(s) of Components	NONE					
	Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Clam	3 295 6" Pipe p Load Bolt (2)	Grinnell	N/A	N/A	1RY09045C	1984	REMOVED	NO
FIC	295 6" Pine			ſ			1	

	Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Bullt	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
	FIG 295 6" Pipe Clamp Load Bolt (2)	Grinnell	N/A	N/A	1RY09045C	1984	REMOVED	NO
_	FIG 295 6" Pipe Clamp Load Bolt (2)	Anvil	HT RF8782	N/A	1RY09045C	2003	INSTALLED	NO
	FIG 295 6" Pipe Clamp Hex Nuts (6)	Grinnell	N/A	N/A	1RY09045C	1984	REMOVED	NO
J	FIG 295 6" Pipe Clamp Hex Nuts (6)	Nova Machine Products	HT: 8994826	N/A	1RY09045C	2003	INSTALLED	NO
	FIG 290 3/4" Weldless Eyenut	Grinnell	N/A	N/A	1RY09045C	1984	REMOVED	NO
1	FIG 290 3/4" Weldless Eyenut	Anvil	N/A	N/A	1RY09045C	2006	INSTALLED	NO
-	3/4" Threaded Support Rod	Grinnell	N/A	N/A	1RY09045C	1984	REMOVED	NO
1	3/4" Threaded Support Rod	Nova Machine Products	HT: 230941 Code: S213	N/A	1RY09045C	2004	INSTALLED	NO
	3/4" Hex Nuts (2)	Grinnell	N/A	N/A	1RY09045C	1984	REMOVED	NO
1	3/4" Hex Nuts (2)	Nova Machine Products	HT: S67159	N/A	1RY09045C	2005	INSTALLED	NO

7.	Description of Wo	rk <u>REPLA</u>	CE PIPE CLAMP LOAD E	OLTS/HEX HUTS, SUPPORT ROD,	EYENUT AND
8.	Test Conducted:	Hydrostatic	Pneumatic	Nominal Operating Pressure	Exempt
	VT-3	Other 🛛	Pressure	psi Test Temp	ºF

Applicable Manulacturer's Data Heports to be attached Code Cases: 166 Rev 7, 1682, 1683, 1685, 1686, 1651, 1728, 1729, 1734, N-180, N-108, N-222, N-225 N-38, 1690, N-242-1, and n-247 CERTIFICATE OF COMPLIANCE I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp Not Applicable Pertificate of Autorization No. Not Applicable CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period Interpretation of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions National Board, State Province, and Endorsements Date: Dec. 21 , 20 10			
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Not Applicable Not Applicable Signed CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period The Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions National Board, State Province, and Endorsements	I certify the	at the statements mad	de in the report are correct and this conforms to the requirements of the ASME
CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions National Board, State Province, and Endorsements	•		•
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CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period The owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions National Board, State Province, and Endorsements	gou	CM CM	ner or Owner's Designee. Title
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period to			2
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period to			
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implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions ILL-IISI National Board, State Province, and Endorsements	vessel Insof	ersigned, holding a value spectors and the State ford, CT have inspect to has performed examinations.	lid commission issued by the National Board of Boiler and Pressure or Province of Illinois and employed by HSB CT ected the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, inations and taken corrective measures described in this Owner's
Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions Inspector's Signature National Board, State Province, and Endorsements	vessel Insof of Harti 1/20/ the Owner Report in a	ersigned, holding a value spectors and the State ford, CT have inspector to the state of the sta	lid commission issued by the National Board of Boiler and Pressure or Province of independent of the Components described in this Owner's Report during the period, and state that to the best of my knowledge and belief, inations and taken corrective measures described in this Owner's equirements of the ASME Code, Section XI.
injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions Inspector's Signature Commissions National Board, State Province, and Endorsements	of Harti ### The Owner Report in a By signing	ersigned, holding a value spectors and the State ford, CT have inspect to has performed examinated accordance with the region of this certificate neither	lid commission issued by the National Board of Boiler and Pressure or Province of Illinois and employed by HSB CT exted the components described in this Owner's Report during the period and state that to the best of my knowledge and belief, inations and taken corrective measures described in this Owner's equirements of the ASME Code, Section XI.
Commissions LL- 154 National Board, State Province, and Endorsements	of Harti 1/20/ the Owner Report in a By signing implied, co	ersigned, holding a value spectors and the State ford, CT have inspect to have	lid commission issued by the National Board of Boiler and Pressure or Province of independent of the components described in this Owner's Report during the period, and state that to the best of my knowledge and belief, inations and taken corrective measures described in this Owner's requirements of the ASME Code, Section XI. The Inspector nor his employer makes any warranty, expressed or ations and corrective measures described in this Owner's Report.
Inspector's Signature National Board, State Province, and Endorsements	vessel Insof Harti	ersigned, holding a value spectors and the State ford, CT have inspector has performed examinated accordance with the response representation of the examination, neither the Inspector	lid commission issued by the National Board of Boiler and Pressure or Province of Illinois and employed by HSB CT exted the components described in this Owner's Report during the period and state that to the best of my knowledge and belief, inations and taken corrective measures described in this Owner's equirements of the ASME Code, Section XI. In the Inspector nor his employer makes any warranty, expressed or ations and corrective measures described in this Owner's Report. In the Inspector nor his employer shall be liable in any manner for any personal
	vessel Insof Harti	ersigned, holding a value spectors and the State ford, CT have inspector has performed examinated accordance with the response representation of the examination, neither the Inspector	lid commission issued by the National Board of Boiler and Pressure or Province of Illinois and employed by HSB CT exted the components described in this Owner's Report during the period and state that to the best of my knowledge and belief, inations and taken corrective measures described in this Owner's equirements of the ASME Code, Section XI. If the Inspector nor his employer makes any warranty, expressed or ations and corrective measures described in this Owner's Report. For nor his employer shall be liable in any manner for any personal loss of any kind arising from or connected with this inspection.
Date:, 20	vessel Insof Harti	ersigned, holding a value spectors and the State ford, CT have inspector has performed examinated accordance with the respector oncerning the examinatore, neither the Inspector operty damage or a local section.	lid commission issued by the National Board of Boiler and Pressure or Province of illinois and employed by HSB CT ected the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, inations and taken corrective measures described in this Owner's equirements of the ASME Code, Section XI. The Inspector nor his employer makes any warranty, expressed or ations and corrective measures described in this Owner's Report. For nor his employer shall be liable in any manner for any personal loss of any kind arising from or connected with this inspection. Commissions
	vessel Insof Harti	ersigned, holding a value spectors and the State ford, CT have inspector has performed examinated accordance with the respector oncerning the examinatore, neither the Inspector operty damage or a local sector of the sector of	lid commission issued by the National Board of Boiler and Pressure or Province of Illinois and employed by HSB CT exted the components described in this Owner's Report during the period of and state that to the best of my knowledge and belief, inations and taken corrective measures described in this Owner's equirements of the ASME Code, Section XI. If the Inspector nor his employer makes any warranty, expressed or ations and corrective measures described in this Owner's Report. For nor his employer shall be liable in any manner for any personal loss of any kind arising from or connected with this inspection. Commissions LL- 154 National Board, State Province, and Endorsements

DOCUMENT No.: 4.0 REV	V. No.: 0)
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1.	Owner _	Exelon Nuclear			Date 9/27/06			
	4300 Winfi	eld Road, Warr	Name enville, IL		Sheet 1		of 1	
•			Address		TT.'. 04			
2.	Plant _	Byron Nuclear I	Name		Unit 01		·	
	4450 N. Ge	rman Church R	Road, Byron, IL		Work Order No. (7-7
			Address		Repair Org	anization,	P.O. No., Job No	., etc.
3.	Work Perfo		Vestinghouse Ele Company LLC	ectric	Type Code Symbol	Stamp	Not Applica	ble
	DOD 45		Name		Authorization No.		Applicable	
	PO Box 35	5, Pittsburgh, P.	A. 15230-0355 Address	·	Expiration Date	Not Ap	plicable	
4.	Identificatio	on of System	Pressurize	r (RY)				
5.	(a) Applic (vessel Applic (b) Applic	able Construction able Construction	n Code (Pipe) AS ection XI Used for	ME Section III ME Section III or Repair/Replace	19 74 Edition,	2001	1493-1, 1528 nda, None Edition / 2003	Code Case Code Case Addenda
6.	Identification	on of Component			cement Components			
	Name of omponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
IRY01 Nozzle Weld/S	S, Spray /DM Safe –End/SS Concentric	Westinghouse	PZR: 1721 Safe-End: Ht. # P72S Spray Concentric Reducer: 91278- 3	W13580	IRY01C-4", IRY01S, PN-02-SW2	1976	Instailed	YES
		-						
								
7.	Description		STRUCTURAL V PN-02-SW2/ LIN		AY ON PRESSUR	IZER SPI	RAY NOZZLE, 1	RY01S,
-								
8.	Test Conduc	ted: Hydros Other [Pneumatic 2233	Nominal Operating	Pressure		°F

9. Remarks Work Order No. 00783828 - 45 Applicable Manufacturer's Data Reports to be attached (*) Code Cases N-504-2 and N-638-1 invoked by Relief Request I3R-08, B&PV Code Case 2142-2 **CERTIFICATE OF COMPLIANCE** I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp Not Applicable Certificate of Authorization No Not Applicable RIK COOLDANTE Signed , 20 06 Date 12.16 Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by of Hartford, CT have inspected the components described in this Owner's Report during the period to 11/9/06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions 126-1254

National Board, State Province, and

Endorsements

Inspector's Signature

Date:

Dec. 19 ,20 06

DOCUMENT No.:	4.0	REV. No.:	0
DOCUMENT TON	•••	Term virious	-

1.	Owner	Exelon Nuclear			Date 9/2	7/06			
	4200 Wind	field Dood War	Name		Sheet	1		.af 1	
	4300 WIII	field Road, War	Address		Sheet	1		of <u>1</u>	
2.	Plant	Byron Nuclear			Unit 01				
	-		Name						
	4450 N. G	erman Church I			Work Order				
			Address		Rep	air Organ	nization,	P.O. No., Job No	., etc.
3.	Work Perfe		Vestinghouse Ele Company LLC	ectric	Type Code S	Symbol S	tamp	Not Applica	ible
			Name		Authorizatio			pplicable	
	PO Box 35	55, Pittsburgh, P			Expiration D	ate	Not Ap	plicable	
			Address						
4.	Identificati	on of System	Pressurize	er (RY)					
5.	(vesse Applie (b) Applie	cable Constructio	n Code (Pipe) AS Section XI Used fo		19 74 Editi	ion, S7	2001	1493-1, 1528 ada, None Edition / 2003	Code Case Code Case Addenda
6.	Identification	on of Component	s Repaired or Rep						
			Г						ASME
	Name of omponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identificat		Year Built	Corrected, Removed, or Installed	Code Stamped (Yes or No)
IRY01 Nozzle Weld/S	S, Relief	Westinghouse	PZR: 1721 Safe-End: Ht. # P73S 45° Elbow: 61378-6	W13580	1RY02A- 1RY01S, PI SW3	-6",	1976	Installed	YES
7.	Description	I S	TRUCTURAL 'PN-03-SW3 - RESEVERAL ARESETHESE FLAWS	LIEF NOZZLI AS REQUIRIN	E - LINE 1RY IG REPAIR D	Y02A-6" DUE TO	. WELI UNACC	O OVERLAY H. CEPTABLE FLA	AD AWS.
-									
3.	Test Conduc	cted: Hydros Other [Pneumatic 2233	Nominal Op	perating F		Exempt [557	□ ℉
					_				

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

		As Re	quired by the Pr	ovisions of the AS (back)	SME Code Section	XI	
). Re	emarks	Work Order No.					
					Data Reports to be		
_(*	() Code Cas	es N-504-2 and N-6	38-1 invoked by	Relief Request 1	13R-08, B&PV Cod	de Case	2142-2
			M-11.				· · · · · · · · · · · · · · · · · · ·
				<u> </u>			
							
			CERTIFIC	CATE OF COMP	LIANCE		
ı		_					
	-	ne statements made in	the report are cor	rect and this confo	rms to the requirer	nents of	f the ASME
	e, Section X						
	e Code Syml	,		No	t Applicable		
Certi	ificate of Au	thorizatien No.	,		Not Applicable		
Sign	ied	Mounty venelly	RMR won	DDVA752		Date	12/19 ,20 06
_		Owne	er or Owner's Desi	ignee, Title			
		_	•	0			
		į	CERTIFICATE (OF INSERVICE	INSPECTION		
I,	, the undersi	gned, holding a valid	commission issue	d by the National l	Board of Boiler and	i Pressu	ıre
V	essel Inspec	tors and the State or I	Province of	Illinois	and employed	by	HSB CT
01	f Hartfor	d, CT have inspec	ted the componen	ts described in this	S Owner's Report of	during t	he period
	atiatal	to /2/20/	<i>, ,</i> .		of my knowledge a	•	•
٠.٠٠	no Owner ha				described in this O		·.,

Vessel Inspectors and the State or Province of	<u> </u>	and employed by	HSB CT
of Hartford, CT have inspected the compo	onents described in thi	s Owner's Report during	the period
9/14/06 to 12/20/06, and	d state that to the best	of my knowledge and bel	lief,
the Owner has performed examinations and taken	corrective measures	described in this Owner's	5
Report in accordance with the requirements of the	e ASME Code, Sectio	n XI.	
By signing this certificate neither the Inspector no			or
implied, concerning the examinations and correct	tive measures describe	d in this Owner's Report	·•
			•
Furthermore, neither the Inspector nor his employ	yer shall be liable in ai	iy manner for any person	al
Furthermore, neither the Inspector nor his employ injury or property damage or a loss of any kind ar		•	ai
, , ,		•	al
, , ,		•	ai
, , ,	rising from or connect	ed with this inspection.	
injury or property damage or a loss of any kind ar	rising from or connect	ed with this inspection. 111-1354 National Board, S	

DOCUMENT No.: 4.0	REV. No.:	0
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1.	Owner	Exelon Nuclear	and anoquin ou sy		Date	9/27/06			
1.	Owner _	Excion Nuclear	Name		Date	3121100			
	4300 Winf	ield Road, Warı			Sheet	1		of <u>1</u>	
2.	Plant	Byron Nuclear I	Address		Unit	01			
۷.	riant _	Dyron Nuclear	Name		Omt	- 01			
	4450 N. Ge	erman Church R	Road, Byron, IL		Work (Order No.			
			Address			Repair Org	anization,	P.O. No., Job No	., etc.
3.	Work Perfo	•	Vestinghouse Ele Company LLC	ectric	Туре С	ode Symbol	Stamp	Not Applica	ble
	no n 45		Name			ization No.		Applicable	
	PO Box 35	5, Pittsburgh, P	A. 15230-0355 Address		Expirat	ion Date	Not Ap	plicable	
		2.5							
4.	Identification	on of System	Pressurize	er (RY)					<u></u>
5.	(vesse		n Code (Pipe) AS	SME Section III		_	S73 Adder	1493-1, 1528	Code Case Code Case
	(b) Applic		ection XI Used for		ement A	ctivity	2001	Edition / 2003	Addenda
6.	Identification	on of Component	s Repaired or Rep	placed and Repla	cement (Components	:		
_	Name of omponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	1	Other tification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
IRY('A" Weld	DIS, Safety Nozzle/DM /Safe – SS Weld/45°	Westinghouse	PZR: 1721 Safe-End: Ht. # P72S Safety "A" Elbow: 92378-9	W13580	1RY(03AA-6", 1S, PN-04- SW4	1976	Installed	YES
								_	
			ě						
7.	Description	S F	W4- LINE 1RY	03AA-6". WEI O UNACCEPTA	LD OVE ABLE F	CRLAY HAT LAWS. TH	D SEVER	AFETY NOZZLI AL AREAS REG AWS WERE RE	QUIRING
-						<u></u>			
3.	Test Conduc	-		Pneumatic	Nomin	nal Operating	g Pressure		_
		Other [Pressure	2233	psi	Test 7	Гетр.	557	F

Work Order No. 00783828 - 47
Applicable Manufacturer's Data Reports to be attached
Cases N-504-2 and N-638-1 invoked by Relief Request I3R-08, B&PV Code Case 2142-2
CERTIFICATE OF COMPLIANCE
t the statements made in the report are correct and this conforms to the requirements of the ASME
XI. Water Applicable
mbol Stamp Not Applicable
Authorization No. Not Applicable
Ourse or Ourse ? Designee Title
Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
rsigned, holding a valid commission issued by the National Board of Boiler and Pressure
rsigned, holding a valid commission issued by the National Board of Boiler and Pressure sectors and the State or Province of Illinois and employed by HSB CT
rsigned, holding a valid commission issued by the National Board of Boiler and Pressure sectors and the State or Province of Illinois and employed by HSB CT ford, CT have inspected the components described in this Owner's Report during the period
rsigned, holding a valid commission issued by the National Board of Boiler and Pressure sectors and the State or Province of Illinois and employed by HSB CT ford, CT have inspected the components described in this Owner's Report during the period to 12/20/06, and state that to the best of my knowledge and belief,
resigned, holding a valid commission issued by the National Board of Boiler and Pressure bectors and the State or Province of Illinois and employed by HSB CT ford, CT have inspected the components described in this Owner's Report during the period to 12/20/06, and state that to the best of my knowledge and belief, has performed examinations and taken corrective measures described in this Owner's
rsigned, holding a valid commission issued by the National Board of Boiler and Pressure sectors and the State or Province of Illinois and employed by HSB CT ford, CT have inspected the components described in this Owner's Report during the period to 12,20,06, and state that to the best of my knowledge and belief, has performed examinations and taken corrective measures described in this Owner's eccordance with the requirements of the ASME Code, Section XI.
resigned, holding a valid commission issued by the National Board of Boiler and Pressure Decetors and the State or Province of Illinois and employed by HSB CT Ford, CT have inspected the components described in this Owner's Report during the period to 12/20/06, and state that to the best of my knowledge and belief, has performed examinations and taken corrective measures described in this Owner's eccordance with the requirements of the ASME Code, Section XI. this certificate neither the Inspector nor his employer makes any warranty, expressed or
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rsigned, holding a valid commission issued by the National Board of Boiler and Pressure sectors and the State or Province of Illinois and employed by HSB CT ford, CT have inspected the components described in this Owner's Report during the period to 12/20/06, and state that to the best of my knowledge and belief, has performed examinations and taken corrective measures described in this Owner's ecordance with the requirements of the ASME Code, Section XI. this certificate neither the Inspector nor his employer makes any warranty, expressed or incerning the examinations and corrective measures described in this Owner's Report. The equipment of the Inspector nor his employer shall be liable in any manner for any personal support damage or a loss of any kind arising from or connected with this inspection.
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DOCUMENT No.:	4.0	REV. No	.: 0

1.	Owner	Exelon Nuclear			Date <u>9/27/06</u>			
	4300 Wini	field Road, Warı			Sheet 1		of <u>1</u>	····
2.	Plant	Byron Nuclear I	Address Power Station		Unit 01			
۲.	_		Name					
	4450 N. G	erman Church F	Road, Byron, IL Address		Work Order No.			
			Address		Repair Org	anization,	P.O. No., Job No	., etc.
3.	Work Perfe	•	Westinghouse Ele Company LLC	ectric	Type Code Symbol	Stamp	Not Applica	ble
			Name		Authorization No.		Applicable	
	PO Box 35	55, Pittsburgh, P	A. 15230-0355 Address	· · · · · · · · · · · · · · · · · · ·	Expiration Date	Not Ap	plicable	
4.	Identificati	on of System	Pressurize	er (RY)				· · · · · · · · · · · · · · · · · · ·
5.	(vesse					S73 Adder	1493-1, 1528	Code Case
	(b) Applie (c) Section	cable Edition of S on XI Code Case(s	Section XI Used for (*) N-504	or Repair/Replace -2 and N-638-1	APPROVED BY N	2001 RC, RR I	Edition / 2003	Code Case Addenda
6.	Identification	on of Component	s Repaired or Rep	olaced and Repla	cement Components	:		
	Name of omponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
RYO Nozzle Weld/	1S, Safety "B"	Westinghouse	PZR: 1721 Safe-End: Ht. # P73S Safety "B" Elbow: 92378-8	W13580	1RY03AB-6", 1RY01S, PN-05- SW5	1976	Installed	YES
	· · · · · · · · · · · · · · · · · · ·							
7.	Description		STRUCTURAL SW5 - LINE 1RY		AY ON PRESSUR	IZER SA	FETY NOZZLE	c, PN-05-
8.	Test Condu	Other		Pneumatic 2233	-	g Pressure remp.		ጋ ℉

	Work Order No.					
(*) Codo Coo	as N 504 2 and N 62		ble Manufacturer'			
(*) Code Cas	es N-504-2 and N-63	8-1 invoked by K	eller Kequest 13K-	·08, B&PV Cou	le Case 2142-2	
						
		CERTIFI	CATE OF COM	PLIANCE		
l certify that t	he statements made i	in the report are co	orrect and this con	forms to the rec	quirements of the ASM	Æ.
de, Section X	I .					
pe Code Sym	<i>-</i>		1	Not Applicable	,	
rtificate of A	uthorization No.			Not Applical	ble	
ned	XXXX umly	RRK COOR	DUMPUL		Date 12/14	, 20 <u>06</u>
	Owr	ner or Owner's De	signee, Title		-	
	-		·		·	
<u></u>						
		OPD TIPLO A TE	· OF BICEDVIC	n INCOECTIO	13.7	
		CERTIFICATE	E OF INSERVIC	E INSPECTIO)N	
I the unders	aned holding a valid					
	igned, holding a valid	d commission issu	ed by the Nationa	l Board of Boile	er and Pressure	vrgs
Vessel Inspe	ctors and the State or	d commission issu r Province of	ed by the Nationa	l Board of Boile	er and Pressure loyed by <u>HSB C</u>	<u>T</u>
	rd, CT have inspe	d commission issure Province of ected the components	ned by the Nationa Illinois ents described in the	l Board of Boile and empl his Owner's Re	er and Pressure loyed by HSB C	<u>T</u>
Vessel Inspe of <u>Hartfo</u>	rd, CT have inspected to have inspected have inspec	d commission issured of ected the component of the compon	Illinois ents described in the state that to the best	and emplois Notes to find the second	er and Pressure loyed by HSB C port during the period edge and belief,	<u>.T</u>
Vessel Inspe of Hartfo 1/14/04 the Owner ha	rd, CT have inspector to /s//8/ has performed examination	d commission issured for Province of ected the components of the c	Illinois ents described in the state that to the best corrective measure	al Board of Boild and emplois his Owner's Repost of my knowle	er and Pressure loyed by HSB C port during the period edge and belief,	<u>T</u>
Vessel Inspe of Hartfo 4/4/04 the Owner ha Report in acc	rd, CT have inspect to //// as performed examinations with the requirements.	d commission issued a reprovince of ected the components of the Authors and taken continues of the Authors and taken of t	Illinois ents described in the state that to the best corrective measure ASME Code, Sect	and emplois Owner's Report of my knowles described in the	er and Pressure loyed by HSB Coport during the periodedge and belief, his Owner's	<u>T</u>
Vessel Inspe of Hartfo 4/4/04 the Owner ha Report in acc By signing the	rd, CT have inspectors and the State or rd, CT have inspector to represent the requirements cordance with the requirements certificate neither	d commission issured for Province of ected the components of the Authorise for the Authorise for the Inspector nor	Illinois ents described in the state that to the best corrective measure ASME Code, Sect his employer make	al Board of Boile and emplois his Owner's Report at of my knowle as described in the ion XI. les any warranty	er and Pressure loyed by HSB Coport during the period edge and belief, this Owner's	<u>T</u>
Vessel Inspe of Hartfo 1400 the Owner ha Report in acc By signing th implied, cond	rd, CT have inspectors and the State or rd, CT have inspectors as performed examination and the requirements certificate neither cerning the examination	d commission issued a reprovince of ected the components of the Authorise and corrective and corrective representations are representations.	Illinois ents described in the state that to the best corrective measure ASME Code, Sect his employer make e measures described.	and emplois of my knowles described in the sany warranty bed in this Own	er and Pressure loyed by HSB Coport during the period edge and belief, his Owner's y, expressed or her's Report.	<u>T</u>
Vessel Inspe of Hartfo 9/4/04 the Owner ha Report in acc By signing the implied, conc Furthermore,	rd, CT have inspectors and the State or rd, CT have inspector to separate to s	d commission issuer Province of ected the compone for and sations and taken confirments of the Arthe Inspector nor ions and corrective r nor his employer	Illinois ents described in the state that to the best corrective measure ASME Code, Sect his employer make measures describer shall be liable in	and employers and employers of my knowled in the contract of t	er and Pressure loyed by HSB C port during the period edge and belief, this Owner's y, expressed or ner's Report. r any personal	<u>:T</u>
Vessel Inspe of Hartfo 9/4/04 the Owner ha Report in acc By signing the implied, conc Furthermore,	rd, CT have inspectors and the State or rd, CT have inspectors as performed examination and the requirements certificate neither cerning the examination	d commission issuer Province of ected the compone for and sations and taken confirments of the Arthe Inspector nor ions and corrective r nor his employer	Illinois ents described in the state that to the best corrective measure ASME Code, Sect his employer make measures describer shall be liable in	and employers and employers of my knowled in the contract of t	er and Pressure loyed by HSB C port during the period edge and belief, this Owner's y, expressed or ner's Report. r any personal	<u>T</u>
Vessel Inspe of Hartfo 9/4/04 the Owner ha Report in acc By signing the implied, conc Furthermore,	rd, CT have inspectors and the State or rd, CT have inspector to separate to s	d commission issuer Province of ected the compone for and sations and taken confirments of the Arthe Inspector nor ions and corrective r nor his employer	Illinois ents described in the state that to the best corrective measure ASME Code, Sect his employer make measures describer shall be liable in ing from or connective measures.	and employers and employers of my knowled in the control of the co	er and Pressure loyed by HSB Coport during the period edge and belief, this Owner's expressed or ther's Report. The any personal expression.	<u>YT</u>
Vessel Inspe of Hartfo 9/4/04 the Owner ha Report in acc By signing the implied, conc Furthermore,	rd, CT have inspectors and the State or rd, CT have inspector as performed examination cordance with the requisite certificate neither cerning the examination neither the Inspector perty damage or a los	d commission issuer Province of ected the componer of and sations and taken conjurements of the Author of the Inspector nor ions and corrective of nor his employer of any kind arising the commission of the Author of the Inspector nor his employer of any kind arising the commission of the Author of the Inspector nor his employer of the Author of the Inspector nor his employer of	Illinois ents described in the state that to the best corrective measure ASME Code, Sect his employer make measures describer shall be liable in	and emplois and emplois Owner's Report of my knowled as described in the street any warranty bed in this Own any manner for an	er and Pressure loyed by HSB Coport during the period edge and belief, this Owner's y, expressed or ther's Report. The any personal enspection.	
Vessel Inspe of Hartfo 9/4/04 the Owner ha Report in acc By signing the implied, conc Furthermore,	rd, CT have inspectors and the State or rd, CT have inspector to separate to s	d commission issuer Province of ected the componer of and sations and taken conjurements of the Author of the Inspector nor ions and corrective of nor his employer of any kind arising the commission of the Author of the Inspector nor his employer of any kind arising the commission of the Author of the Inspector nor his employer of the Author of the Inspector nor his employer of	Illinois ents described in the state that to the best corrective measure ASME Code, Sect his employer make measures describer shall be liable in ing from or connective measures.	and emplois and emplois Owner's Report of my knowled as described in the street any warranty bed in this Own any manner for an	er and Pressure loyed by HSB Coport during the period edge and belief, this Owner's expressed or ther's Report. The any personal expression.	nce, and

DOCUMENT No.:	4.0	REV. No.:
DOCUMENT No.:	4.0	REV. No.:

1.	Owner _	Exelon Nuclear			Date 9/27/06			
	4300 Winf	ield Road, Warı	Name renville, IL		Sheet	<u> </u>	of1	
2.	Plant	Byron Nuclear I	Address Power Station		Unit 01			
	4450 N. Ge	erman Church F	Name		Work Order No.	00783828	- 49	
	4430 1 11 01		Address				P.O. No., Job No.	., etc.
3.	Work Perfo	•	Vestinghouse Ele Company LLC	ectric	Type Code Symbo	ol Stamp	Not Applica	ible
	DO Boy 35	5, Pittsburgh, P	Name 15230-0355		Authorization No. Expiration Date		Applicable oplicable	
	FO BOX 33.	o, r ittsburgit, r	Address	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Expiration Date	HOUA	рисавіс	
4.	Identification	on of System	PRESSUE	RIZER (RY)				
5.	(a) Applic	able Constructio	n Code AS	SME Section III	19 71 Edition,	S73 Adde	nda, NB4643, 1493-1, 1528	Code Case
	(b) Applic (c) Section	able Edition of S n XI Code Case(s	Section XI Used for (*) N-504	or Repair/Replace -2 and N-638-1	APPROVED BY !	2001 NRC, RR I	nda, None Edition / 2003	Code Case Addenda
6.	Identification	on of Component	s Repaired or Rep	placed and Repla	cement Component	s:		
	Name of omponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
IRYO 'C" Weld	01S, Safety Nozzle/DM /Safe –End/SS /45° Elbow	Westinghouse	PZR: 1721 Safe-End: Ht. # P72S Safety "C" Elbow: 92378-	W13580	1RY03AC-6", 1RY01S, PN-06- SW6	1976	Installed	YES
7.	Description	I I	PN-06-SW6 - LIN REQUIRING RE	NE 1RY03AC-6 PAIR DUE TO	AY ON PRESSUR ". WELD OVERL UNACCEPTABL D, W/O 783828 TA	AY HAD : E FLAWS	SEVERAL ARE	AS
3.	Test Conduc	ted: Hydros		Pneumatic 2233	Nominal Operatin	g Pressure Temp.		
					.			

	Work Order No. 0078382	
		Applicable Manufacturer's Data Reports to be attached
(*) Code C	ases N-504-2 and N-638-1 inv	oked by Relief Request I3R-08, B&PV Code Case 2142-2
	CE	ERTIFICATE OF COMPLIANCE
_	7	rt are correct and this conforms to the requirements of the ASME
ode, Section		
ype Code Syr	mbol Stamp	Not Applicable
ertificate of A	Authorization No.	Not Applicable
gned	the purply	Date 12/20 , 20 06
	Owner or Own	ner's Designee, Title
I, the under		ICATE OF INSERVICE INSPECTION ion issued by the National Board of Boiler and Pressure
Vessel Insp	pectors and the State or Province	of <u>Illinois</u> and employed by <u>HSB CT</u>
of Hartf	ford, CT have inspected the co	omponents described in this Owner's Report during the period
9/14/06	to /2/21/06	, and state that to the best of my knowledge and belief,
		taken corrective measures described in this Owner's
Report in ac	ccordance with the requirements	of the ASME Code, Section XI.
By signing	this certificate neither the Inspec	etor nor his employer makes any warranty, expressed or
	•	orrective measures described in this Owner's Report.
•	-	mployer shall be liable in any manner for any personal
		ind arising from or connected with this inspection.
mjury or pro	operty duringe of a loss of any ki	and alloting from or connected with this hispection.
	•	
an	Musley	Commissions /LL-/164
-90a	Inspector's Signature	Commissions /LL-/154 National Board, State Province, and
- Da	Inspector's Signature	Commissions /LL-/254 National Board, State Province, and Endorsements

	DOCUMEN	T No.: 4.2						REV. No	o.: 0
			S-2 OWNER'S Required by t			-			
1.	Owner	Exelon Nuclea			Date	10/13/06			
	4300 Winf	ield Road, Wa	Name rrenville, IL		Sheet	1		of 1	
2.	Plant _		Address Power Station		Unit	01			
	4450 N. G		Name Road, Byron,	IL .		Order No.			
			Address		F	Repair Orga	anization,	P.O. No., Job N	lo., etc.
3.	Work Perfo	•	Vestinghouse I Company LLC	Electric	Type C	ode Symbol	Stamp	Not Applic	able
			Name			zation No.		Applicable	
	PO Box 3		PA. 15230-03 Address	55	Expirat	ion Date	Not A	pplicable	
۱.	Identification	on of System	PRESSU	RIZER (RY)	2-1-1-1-1				
5.	(a) Applic	able Constructi el)		Section III, 1976 SME Section III				enda, NB4643, 1493-1, 1528	Code Case
	(c) Section	n XI Code Case	Section XI Used	I-2 and N-638-	1 APPR	OVED BY	NRC, RA	Edition / 2003	Addenda
3.	Identification	on of Componer	nts Repaired or	Heplaced and	неріасє	ment Com	ponents:		
				NIA				Corrected,	ASME Code
•	Name of omponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	1 -	other dification	Year Built	Removed, or Installed	Stamped (Yes or No
					 			 	

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
1RY01S, Safety "C" Nozzle/DM Weld/Safe — End/SS Weld/45° Elbow	Westinghouse	PZR: 1721 Safe-End: Ht. # P72S Safety "C" Elbow: 92378-	W13580	1RY03AC-6", 1RY01S, PN-06- SW6-R1	1976	Corrected	YES
					·		

7.	Description of Wor	STRUCTURAL WELD OVERLAY ON PRESSURIZER 1RY01S, SAFETY NOZZLE, PN-06-SW6-R1 - LINE 1RY03AC-6"
В.	Test Conducted:	Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☑ Exempt ☐ Other ☐ Pressure <u>2233</u> psi Test Temp. <u>557</u> °F

	Remarks	Work Order No.						
			• •	able Manufacturer's	•			
•	(*) Code Cases N-504-2 and N-638-1 invoked by Relief Request I3R-08, B&PV Code Case 2142-2							
			CER	TIFICATE OF COM	PLIANCE			
	I certify that	the statements mad	de in the rep	oort are correct and t	his confor	ms to the requ	uirements of the ASM	ΜE
	Code, Section X	I.						
Т	ype Code Syr	mbol Stamp		Not Applicable				
,	Certificate of A	uthorization No.	Not Applicable					
	Signed	state and a	RAK	COSLOWATOR			12/20 , 20 06	`
		Owne		s Designee, Title				
		911110) Of Owner	a bearginee, Title				
							······································	
	······························							
			CERTIFIC	ATE OF INSERVICE	E INSPEC	TION		
	I, the undersi	igned, holding a valid	commission	issued by the Nationa	l Board of	Boiler and Pres	sure	
	Vessel Insp	ectors and the State	e or Provinc	ce of	and	employed by	HSB CT	
	of Hartfo	rd, CT have inspe	cted the com	ponents described in t	his Owner'	s Report during	the period	
	colilate	to /1/4/0	6 .:	and state that to the	best of my	/ knowledge a	nd belief.	
	the Owner I			nd taken corrective m	-	_		
		•					O WITO, O	
	Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or							
			-	• •		•	•	
	-	•		ective measures descri		-		
	Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal							
	injury or property damage or a loss of any kind arising from or connected with this inspection.							
	Ω	deel		Commissions	J.J.	1.1100		
	- Julin	MANGEN Signatur		Commissions		-/254	State Description 3	
	ļ	Inspector's Signatu	- E		N		State Province, and ndorsements	
	Data	Den 11	20 06				ingot settlettes	
	Date:	TU. XI	, 20 <u>06</u>					

		S-2 OWNER'S F Required by th					ACTIVITY	
	Exelon Nuclea				ASME Code	e Section	ı XI	
 4300 Winf		r		Date	10/10/06			
	ield Road, Wa			Sheet	1		of <u>1</u>	
Plant _l		Address Power Station		Unit	01		·	
4450 N. G	erman Church	Name Road, Byron, II	_	Work	Order No.	0078382	R-73	
		Address	-					o., etc.
Work Performed by Westinghouse Electric Company LLC			Type C	ode Symbol	Stamp	Not Applica	able	
Name								
PO Box 3			5	Expirat	ion Date	Not Ap	plicable	
(b) Applic (c) Sectio	able Edition of and XI Code Case	e(s) <u>(*)</u> N-504-	2 and N-638	-1 APPR	OVED BY	NRC, RA	1528 Edition / 2003 / I3R-08	ASME
me of	Name of Manufacturer		National Board No.	1		Year Built	Corrected, Removed, or Installed	Code Stamped (Yes or No)
S, Safety zzle/DM afe – Weld/45°	Westinghouse	PZR: 1721 Safe-End: Ht. # P72S Safety "A" Elbow: 92378- 9	W13580	1RY0	IS, PN-04-	1976	Corrected	YES
	dentification (vesses) Application (vesses) Applica	Vork Performed by C PO Box 355, Pittsburgh, dentification of System a) Applicable Constructi (vessel) b) Applicable Edition of c) Section XI Code Case dentification of Component me of Name of Manufacturer , Safety zle/DM fe — Westinghouse	Westinghouse E Company LLC Name PO Box 355, Pittsburgh, PA. 15230-035 Address dentification of System Applicable Construction Code (vessel) Applicable Edition of Section XI Used (vessel) Applicable Editor of Section XI Used (vessel) Applicable Edition of Section XI	Westinghouse Electric Company LLC Name PO Box 355, Pittsburgh, PA. 15230-0355 Address dentification of System Applicable Construction Code (vessel) Applicable Edition of Section XI Used for Repair/Rec) Section XI Code Case(s) Construction Code ASME Section III, 197 Applicable Edition of Section XI Used for Repair/Rec) Construction Code ASME Section III Applicable Edition of Section XI Used for Repair/Rec) Construction Code ASME Section III Applicable Edition of Section XI Used for Repair/Rec) Construction Code ASME Section III Applicable Edition of Section XI Used for Repair/Rec) Construction Code ASME Section III Applicable Edition of Section XI Used for Repair/Rec) Construction Code Asme Section III Applicable Edition of Section XI Used for Repair/Rec) Construction Code Asme Section III Applicable Edition of Section XI Used for Repair/Rec) Construction Code Asme Section III Applicable Edition of Section XI Used for Repair/Rec) Construction Code Asme Section III Applicable Edition of Section XI Used for Repair/Rec) Construction Code Asme Section III Applicable Edition of Section XI Used for Repair/Rec) Construction Code Asme Section III Applicable Edition of Section XI Used for Repair/Rec) Construction Code Asme Section III Applicable Edition of Section XI Used for Repair/Rec) Construction Code Asme Section III Applicable Edition of Section XI Used for Repair/Rec) Construction Code Asme Section III Applicable Edition of Section XI Used for Repair/Rec) Construction Code Asme Section III Applicable Edition of Section XI Used for Repair/Rec) Construction Code Asme Section III Applicable Edition of Section XI Used for Repair/Rec) Construction Code Asme Section III Applicable Edition Of Section XI Used for Repair/Rec) Construction Code Asme Section III Applicable Edition Of Section XI Used for Repair/Rec) Construction Code Asme Section III Applicable Edition Of Section XI Used for Repair/Rec) Construction Code Asme Section III Applicable Edition Of Section XI Used for Repair/Rec) Construction	Work Performed by Westinghouse Electric Company LLC Name Author Address Address Address Applicable Construction Code ASME Section III, 1974 Edition Applicable Edition of Section XI Used for Repair/Replacement C) Section XI Code Case(s) (*) N-504-2 and N-638-1 APPR C)	Work Performed by Westinghouse Electric Company LLC Name Authorization No. Expiration Date Address Address PRESSURIZER (RY) (pipe) ASME Section III, 1974 Edition, S75 Adder a) Applicable Construction Code ASME Section III 19 71 Edition, S (vessel) Applicable Edition of Section XI Used for Repair/Replacement Activity (c) Section XI Code Case(s) (*) N-504-2 and N-638-1 APPROVED BY Identification of Components Repaired or Replaced and Replacement Com Name of Manufacturer Board Other Identification PZR: 1721 Safe-End: Ht. Safety Zie/DM Fe - Westinghouse Safety "A" Elbow: 92378- Westinghouse Reposition Reposition Type Code Symbol Authorization No. Expiration Date Authorization No. No. No. No. Investigation Date Authorization No. No. No. No. Investigation Date Authorization No. No. No.	Work Performed by Company LLC	Work Performed by Company LLC Name Authorization No. Not Applicable Not Applicable Address Mentification of System Applicable Construction Code Applicable Construction Code ASME Section III, 1974 Edition, S75 Addenda (vessel) Applicable Edition of Section XI Used for Repair/Replacement Activity Code Case(s) Components Repaired or Replaced and Replacement Components: National Replacement Components Name of Manufacturer Board Other Year Installed Namo of Manufacturer Board Other Year Installed Namo of Manufacturer Board Other Year Installed National Replacement Components National Replacement Replacement Replacement Serial No. No. Identification Built National Replacement Serial No. No. Installed National Replacement Serial No. No. Identification Built National Replacement Serial No. No. Installed National Replacement Serial No.

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8\frac{1}{2}$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

2233

psi

Nominal Operating Pressure

Test Temp.

Pneumatic

Pressure

8.

Test Conducted:

Hydrostatic

Other [

Exempt [

٥F

557

(*) Code Cases N-504-2 and N-	Annicoble Manufacturare Data Banan	
(*) Code Cases N-504-2 and N-	Applicable Manufacturer's Data Report	
	638-1 invoked by Relief Request I3R-08, B&I	.PV Code Case 2142-2
		·
	CERTIFICATE OF COMPLIANCE	
I cortify that the statements may	de in the report are correct and this conforms	- to the requirements of the ASME
_	Je in the report are correct and this comonic	s to the requirements of the Aoint
ode, Section XI.	Alah Awallank	
ype Code Symbol Stamp	Not Applicab	
ertificate of Authorization No.	Not Applic	able
igned	RRR COORDINATIO	Date 12/20 , 20 06
· · · · · · · · · · · · · · · · · · ·	er or Owner's Designee, Title	
	, or	
	CERTIFICATE OF INSERVICE INSPECTION	ON
	·	
I. the undersigned, holding a valid	commission issued by the National Board of Bo	oiler and Pressure
Vessel Inspectors and the State	•	nployed by HSB CT
•	ected the components described in this Owner's R	· · · · · · · · · · · · · · · · · · ·
	<i>1</i>	
10/106 to 12/20/		
the Owner has performed exam	ninations and taken corrective measures des	
	requirements of the ASME Code, Section XI.	
Report in accordance with the r		
•	er the Inspector nor his employer makes any	
By signing this certificate neithe	er the Inspector nor his employer makes any ons and corrective measures described in this Ow	warranty, expressed or
By signing this certificate neither implied, concerning the examination	ons and corrective measures described in this Ow	warranty, expressed or wner's Report.
By signing this certificate neither implied, concerning the examination Furthermore, neither the Inspec	ons and corrective measures described in this Ow ctor nor his employer shall be liable in any ma	warranty, expressed or wner's Report. nanner for any personal
By signing this certificate neither implied, concerning the examination Furthermore, neither the Inspec	ons and corrective measures described in this Ow	warranty, expressed or warranty, expressed or warr's Report. nanner for any personal
By signing this certificate neither implied, concerning the examination Furthermore, neither the Inspec	ons and corrective measures described in this Ow ctor nor his employer shall be liable in any ma loss of any kind arising from or connected wi	warranty, expressed or wher's Report. nanner for any personal with this inspection.
By signing this certificate neither implied, concerning the examination of Furthermore, neither the Inspectinjury or property damage or a least of the significant of	ons and corrective measures described in this Oweter nor his employer shall be liable in any maloss of any kind arising from or connected with the Commissions	warranty, expressed or warranty, expressed or warranty, export. nanner for any personal with this inspection.
By signing this certificate neither implied, concerning the examination Furthermore, neither the Inspec	ons and corrective measures described in this Oweter nor his employer shall be liable in any maloss of any kind arising from or connected with the Commissions	warranty, expressed or wher's Report. nanner for any personal with this inspection.
By signing this certificate neither implied, concerning the examination of Furthermore, neither the Inspectingury or property damage or a least of the Inspection of Signature of the Inspector's Signature of the Inspecto	ons and corrective measures described in this Oweter nor his employer shall be liable in any maloss of any kind arising from or connected with the Commissions	warranty, expressed or warranty, expressed or warranty, export. nanner for any personal with this inspection.

	DOCUMEN	IT No.: 4.2						REV. No	.: 0
			IS-2 OWNER'S Required by t	-					
1.	Owner	Exelon Nuclea	ır		Date		13/06		
	4300 Win	field Road, Wa			Sheet	1		of <u>1</u>	
2.	Plant _	Byron Nuclear	Address Power Station Name		Unit	01			
	4450 N. G	erman Church	Road, Byron, l	IL	Work	Order No.	0078382	8-74	
			Address					P.O. No., Job N	o., etc.
3.	Work Perfo		Vestinghouse E Company LLC	Electric	Type C	ode Symbol	Stamp	Not Applic	able
			Name		Author	ization No.	Not	Applicable	
	PO Box 3		PA. 15230-03	55	Expira	tion Date	Not A	oplicable	
			Address						
4.	Identification	on of System		RIZER (RY) Section III, 197					
 6. 	(b) Applic	cable Edition of on XI Code Cas	Section XI Used e(s) (*) N-504 nts Repaired or	-2 and N-638-	placem	ent Activity	2001 NRC, RR	1493-1, 1528 Edition / 2003	Code Case Addenda
	Name of omponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	1	Other tification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Nozzi Weld/	1S, Relief e/DM /Safe –End/SS /45 ° Elbow	Westinghouse	PZR: 1721 Safe-End: Ht. # P73S 45° Elbow: 61378-6	W13580	1RY0	/02A-6", 1S, PN-03- W3-R1	1976	Corrected	YES
7.	Description		STRUCTURAL V 03-SW3-R1 - LIN			PRESSUR	IZER 1R'	Y01S, PORV NO	OZZLE, PN-
8.	Test Condu	•	static	Pneumatic		ninal Opera	•		empt

Remarks Work Order No. 007	
	Applicable Manufacturer's Data Reports to be attached
(*) Code Cases N-504-2 and N-638-	-1 invoked by Relief Request I3R-08, B&PV Code Case 2142-2
	CERTIFICATE OF COMPLIANCE
I cortify that the statements made in	the report are correct and this conforms to the requirements of the ASME
-	the report are correct and this comonns to the requirements of the Advic
ode, Section XI.	
ype Code Symbol Stamp	Not Applicable
ertificate of Authorization No.	Not Applicable
igned	RAK COSKOWAZA Date 12/19, 20 06
·	Owner's Designee, Title
	Janor & Boughoo, Time
CE	RTIFICATE OF INSERVICE INSPECTION
	IIII Idale di mamirida mai adila.
T the undersigned holding a valid corr	nmission issued by the National Board of Boiler and Pressure
-	•
Vessel Inspectors and the State or I	
of Hartford, CT have inspected to	the components described in this Owner's Report during the period
10/1/06 to 13/21/06	, and state that to the best of my knowledge and belief,
the Owner has performed examinat	tions and taken corrective measures described in this Owner's
	irements of the ASME Code, Section XI.
•	
	e Inspector nor his employer makes any warranty, expressed or
• •	and corrective measures described in this Owner's Report.
Furthermore, neither the Inspector r	nor his employer shall be liable in any manner for any personal
injury or property damage or a loss	of any kind arising from or connected with this inspection.
-	
Audish.	Commissions /LL-1154
Inspector's Signature	National Board, State Province, and
Ilispeciul a dignature	National Board, State Province, and Endorsements
Date: DCC. 2/ , 20	
Date: Dry. A	06

DOCU	MENT N	o: 4.2					REV. NO.	: 0
					FOR REPAIRS OF sof the ASME Cod			
1.	Owne	r <u>Exelon Nucl</u>	ear Name		Date 10-12-06			
	4300	Winfield Rd. W	Address	0555	Sheet <u>1</u> of <u>1</u>			
2.			r Power Station Name		Unit <u>01</u>			
			urch Road, Byro Address		-	ir Organ	ization, P.O. No	o., Job No., e
3.		-	Byron Mech. Ma Name hwysh Bood, B		Type Code Symbol S Authorization No.	t Appli	cable	
1.			hurch Road, B Address m RY – REAC		Expiration Date <u>No</u> NT PRESSURIZER	<u> г Аррис</u>	ane	
5.		•			Edition, S74 Add	enda Se	e Remarks	Code Case
5.	(c) A ₁	oplicable ASME	E Section XI Code	e Cases: N	oairs or Replacement of Monenot replacement Com			2003 Ad
Naı	(c) A ₁	oplicable ASME	E Section XI Code	e Cases: N	lone			ASME Code; Stamped (Yes or No)
Nai Com	(c) Ap Identify me of ponent	pplicable ASME	Section XI Code conents Repaired Manufacturer	or Replaced a National Board	nd Replacement Com	ponents Year	Repaired, Replaced, or	ASME Code; Stamped (Yes or
Nar Com	(c) Ap Identify me of ponent	Poplicable ASME Fication of Comp Name of Manufacturer GRINNELL	Section XI Code conents Repaired Manufacturer Serial No.	or Replaced a National Board No.	nd Replacement Com Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
Nar Com	(c) Ap Identified T, CLAMP	Poplicable ASME Fication of Comp Name of Manufacturer GRINNELL	Manufacturer Serial No.	or Replaced a National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
Nai Com	(c) Ap Identified T, CLAMP	Poplicable ASME Fication of Comp Name of Manufacturer GRINNELL	Manufacturer Serial No.	or Replaced a National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
Com	(c) Ap Identified T, CLAMP	Poplicable ASME Fication of Comp Name of Manufacturer GRINNELL	Manufacturer Serial No.	or Replaced a National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)

7.	Description of W	ork INSTALL	ED PIPE CLAM	1Р НЕХ	NUT.		
8.	Test Conducted:	Hydrostatic	Pneumatic	Nomina	l Operating Pressure		
	VT-3	Other 🛚	Pressure	psi	Test Temp.	°F	

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in.,

(2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

_						
Constant Su	pport Code Cases:	1644 Rev. 7, 168	<u>2, 1683, 168</u>	5, 1686, 1651,	1728, 1729,	1734,
N-180, N-10	08, N-225, N-38,16	690, N-242-1, and	N-247			
		÷				
					Market State Control of the Control	
				TANCE		
We certify the	hat the statements	CERTIFICATE C			ACEMENT	conforms
	the ASME Code, S		are correct.		or replacement	Comornia
Type Code S	Symbol Stamp	Not Applicable				
Certificate o	of Authorization No	o. Not Applicab	le	Expiration Da	te Not App	licable
Signed	Sutt Es	Designee, Title		Date	12-20	,2006
	CERTI	IFICATE OF INS	SERVICE I	NSPECTION		
	igned, holding a v	alid commission is	ssued by the	National Board		nd Pressure
_	ectors and the State	or Province of II		- •		1: 41:1-
of Hartford	port during the per	ind plate	have inspec	ted the compo	nents describ , and state	
of my know	ledge and belief, th	ne Owner has perfe	ormed exam	inations and tal		
	the Owner's Repo					
By signing the	his certificate neith	her the Inspector n	or his emplo	ver makes any	warranty, ex	pressed or
	cerning the exami					
	, neither the Inspec					personal i
or property of	damage of a loss of					
- Jun	Inspector's Signature	Co	mmissions_	111-125 National Board, State Pro	oviace, and Endorsements	

DOCUMENT NO.:	4.1		REV	. NO.:	0	

1.	Owner _	Exelon Nuclear			Date <u>9/15/06</u>			
	4300 Wint	۱ field Road, Warro	Name enville, IL		Sheet 1		of <u>1</u>	
2.	Plant	Ad Byron Nuclear P	ddress ower Station		Unit 01			
	4450 N. G	۱ erman Church R	lame load, Byron, IL		Work Order No.	0080259	6-01	
		Ad	ddress		Repair O	rganization,	P.O. No., Job No., e	etc.
3.	Work Perfe	ormed by NP	S & W VENTURE		Type Code Symbauthorization No.		Not Applicable	able
	36400 S. E		nington, IL 60481		Expiration Date		pplicable	
	a a atet at		ddress					
4.		•	Reactor Coolant					
5.	(b) Applic (c) Section	able Edition of Se on XI Code Case(s						Code Case Addenda
6.	Identification	on of Components	\$					
	Name of omponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
REL	IEF VALVE	CROSBY VALVE & GAGE	N56964-00-0047	N/A	1RY8010B	1976	REMOVED	YES
REL	IEF VALVE	CROSBY VALVE & GAGE	N56964-00-0089	N/A	1RY8010B	1977	INSTALLED	YES
7.	Description	of Work REL	ACE RELIEF VAL	VE LESS	INLET NUTS PER	PM REC	QUIREMENTS	
- 3.	Test Condu	-	atic Pneui	matic	-	_		empt P

9.	Remarks	WO 00802596-01	
			Applicable Manufacturer's Data Reports to be attached
			CERTIFICATE OF COMPLIANCE
1	certify that t	he statements made	in the report are correct and this conforms to the requirements of the ASME
00	de, Section	XI.	
yp	e Code Syr	nbol Stamp	Not Applicable
)er	tificate of A	uthorization No.	Not Applicable
ia	ned	A Sona	788 Cook Date 11/26 , 20 06
.9		Owner	for Owner's Designee, Title
		00	
		CEI	RTIFICATE OF INSERVICE INSPECTION
ļ	I, the unders	signed, holding a valid	d commission issued by the National Board of Boiler and Pressure
	•	ectors and the State of	•
	-		ted the components described in this Owner's Report during the period
		·	o 6 , and state that to the best of my knowledge and belief,
_			nations and taken corrective measures described in this Owner's
		•	quirements of the ASME Code, Section XI.
	•	'	the Inspector nor his employer makes any warranty, expressed or
	, ,		ions and corrective measures described in this Owner's Report.
	•	_	or nor his employer shall be liable in any manner for any personal
		•	ss of any kind arising from or connected with this inspection.
,		perty damage or a los	Commissions /LL-1254
_	- GKM	Inspector's Signature	National Board, State Province, and Endorsements
		,	
	Date:	NOV. 24 ,2	20 06

DOCUMENT NO.:	4-1	REV. NO.:	0
---------------	-----	-----------	---

. Owner	Exelon Nuclea			Date9	21/0	6	
4300 Win	field Road, Wa	Name I rrenville, IL		Sheet 1		of	1
. Plant		Address r Power Station		Unit 01			
-		Name		O/M			
4450 N. C	Serman Church	Road, Byron, I	<u>L</u> .	Work Order No.)2-01 , P.O. No., Job No	etc .
		Address		•			
Work Per		Byron Mechanic Maintenance	al	Type Code Symbo	ol Stamp	Not Appl	licable
		Name		Authorization No.	Not	Applicable	
4450 N. G	ierman Church	Road, Byron, I	<u>L</u>	Expiration Date	Not A	pplicable	-
		Address					
Identificat	ion of System	RY - REACT	OR COOLANT	PRESSURIZER			······································
				_19 <u>71</u> Edition, <u>S</u>			_ Code Cas
			for Repair/Re	placement Activity:	2001 E	dition/2003 A	ddenda
• /	on XI Code Cas ion of Compone	• •					
- Idominoda		T					ASME
						Corrected,	Code
Name of	Name of	Manufacturer	National Board	Other	Year	Removed, or Installed	Stamped (Yes or No)
Component ALVE PLUG	Manufacturer COPES	Serial No. 88-5	No.	Identification 1RY456	Built	DE1401/ED	
	VULCAN	9821-96590-1-3	N/A	CATID HOSOES	1990	REMOVED	NO
ALVE PLUG	COPES VULCAN	(98-6)	N/A	CAT ID #35955 1RY456 HT# 24696	1998	INSTALLED	NO
			· · · · · · · · · · · · · · · · · · ·				
	,	·		•	·		
			•				
	<u> </u>	<u> </u>		·		<u> </u>	
Description	of Work R	EPLACE VALVE	TRIM				
Test Cond	ucted: Hydro:	static P	neumatic 🔲	Nominal Opera	ting Pres	sure 🗌 E	xempt 🛛
	Other	Pressure	<u> </u>	psi Test	Temp.		_ δ E

9. Re	marks	Work Ord	ler No.						
				Applica	able Manufac	turer's L	Data Reports	to be atta	ched
									· · · · · · · · · · · · · · · · · · ·
				CERTI	FICATE OF	F COMF	PLIANCE		
I certi	fy that th	ne statemer	ıts made	in the rep	ort are correc	ct and thi	is conforms	to the requ	irements of the AS
	ection >			•				•	
		bol Stamp				No	t Applicable	9	
•	•	thorization	No.				Not Applica		
gned	<i>5.</i> 4.5	wid a		000	COORDINA				10/26,200
giieu	_A	mm or	7.407 - 1		Designee, Title			_ Dale .	<u>70 26 ,</u> 20 <u>0</u>
			OWIRE	TO OWNERS	Designee, The				
		gned, holdi	ng a valid	d commiss	TE OF INSE		tional Board	-	nd Pressure HSB CT
	•							•	during the period
7.	1/0%	to	1/1/51	. /	nd state that			•	• .
#500	y o e		11/01/		taken corre			_	
		•						in the partition	S Owner S
•				•	of the ASMI				
	•			-	tor nor his er		-	•	•
•		_			orrective mea				•
			-		mployer shal		•		
injury	or prop	erty damag	e or a los	s of any k	ind arising fro		nnected wit	n this inspe	ection.
	KKN	auc	<u> </u>		_ Commis	sions _	14	-/254	
		Inspector's Si					National Bo	ard, State Pro	ovince, and Endorseme
Date:		NOV. 21	, ,	20 <i>06</i>	,				

		xelon Nuclear Name		-	6/23/05			
		ield Rd. Warrenvil	ess	Sheet				
	Plant Byr	on Nuclear Power Name		Unit <u></u>	01	·····		-
	4450 N. Ge	erman Church Ros	d, Byron, Il.	Work	Order No. 004029	90-01		
	Want Danfe	Addre	ss echanical Maintena	maa Tima (Repair Orga Code Symbol Stamp		O. No., Job No., etc.	
		Name		Author	ization No. Not Ap	plicable		
	4450 N. Ge	erman Church Roa Addre		_ Expira	tion Date Not Ap	plicable		
	Identification	on of System STA	TION AIR [SA]					
	(a) Applica	able Construction C	ode Section III		tion, 1987 Adden			se NONE
	(b) Applica	able Edition of Secti	on XI Utilized for R	19 74 epairs or Rep	S/75 lacement Compone	PIPI) nts 19 8	,	
	(a) Amulian	ship ACME Castion	VI Codo Cosas: N.A	116 1	-			
	(с) Арриса	ible ASME Section	XI Code Cases: <u>N-4</u>	10-1				
	Identification	on of Components R	epaired or Replaced	and Replacen	nent Components			
	Name of	Name of	Manufacturer	National Board	Other	Year	Repaired, Replaced,	ASME Code; Stamper
₹VĀ	Component LVE 1"	Manufacturer KEROTEST	Serial No. TKD4-23	No. 11,581	Identification 1SA181C	1976	or Replacement REPLACED	YES
,VA	LVE 2"	FLOWSERVE	47AZL	N/A	ISA181C	1		
2"3	300# S.W.R.F.	WESTERN FORGE	HT#3M40774	N/A	CAT ID#1384035 1SA77BC	2004	REPLACEMENT	YES
DEI /	ANGE	AND FLANGE CO:	CODE: BPQ-A-2	·	CAT ID#24465	2004	REPLACEMENT	NO
7,5			1174004000	N/A	1SA77BC			NO
STU	JDS-5/8"-11	NOVA MACHINE	HT#224938		I CAT ID#25042	1 2004	I REPLACEMENT	
STU	D. ROD	PRODUCTS CORP		N/A	CAT ID#25042	2004	REPLACEMENT	
STU			HT#7220464	N/A	1SA77BC CAT ID#37029	2004	REPLACEMENT	NO
STUTH	D. ROD	PRODUCTS CORP NOVA MACHINE PRODUCTS CORP CONSOLIDATED		N/A N/A	1SA77BC CAT ID#37029 1SA77BC	2004	REPLACEMENT	NO
STUTH	D. ROD TS-5/8"-11	PRODUCTS CORP NOVA MACHINE PRODUCTS CORP	HT#7220464		1SA77BC CAT ID#37029			
STUTH	D. ROD TS-5/8"-11	PRODUCTS CORP NOVA MACHINE PRODUCTS CORP CONSOLIDATED	HT#7220464		1SA77BC CAT ID#37029 1SA77BC	2004	REPLACEMENT	NO
STUTH	D. ROD TS-5/8"-11	PRODUCTS CORP NOVA MACHINE PRODUCTS CORP CONSOLIDATED	HT#7220464		1SA77BC CAT ID#37029 1SA77BC	2004	REPLACEMENT	NO
STUTH	D. ROD TS-5/8"-11	PRODUCTS CORP NOVA MACHINE PRODUCTS CORP CONSOLIDATED	HT#7220464		1SA77BC CAT ID#37029 1SA77BC	2004	REPLACEMENT	NO
STUTH	D. ROD TS-5/8"-11	PRODUCTS CORP NOVA MACHINE PRODUCTS CORP CONSOLIDATED	HT#7220464		1SA77BC CAT ID#37029 1SA77BC	2004	REPLACEMENT	NO
STR THI NU	D. ROD TS-5/8"-11	PRODUCTS CORP NOVA MACHINE PRODUCTS CORP CONSOLIDATED POWER SUPPLY	HT#7220464	N/A	1SA77BC CAT ID#37029 1SA77BC CAT ID#27472	2004	REPLACEMENT	NO NO
STO THI	D. ROD TS-5/8"-11	PRODUCTS CORP NOVA MACHINE PRODUCTS CORP CONSOLIDATED POWER SUPPLY of Work REPLACE	HT#7220464 HT#021J	N/A E W/ 2" FLA	1SA77BC CAT ID#37029 1SA77BC CAT ID#27472	2004	REPLACEMENT	NO NO
STO THI	D. ROD TS-5/8"-11 INSERT Description (PRODUCTS CORP NOVA MACHINE PRODUCTS CORP CONSOLIDATED POWER SUPPLY of Work REPLACE	HT#7220464 HT#021J	N/A E W/ 2" FLA Nominal C	1SA77BC CAT ID#37029 1SA77BC CAT ID#27472	2004 2004 ALVE-15	REPLACEMENT	NO NO

 			
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			····
	CERTIFICATE OF C	OMARI LANCE	
We certify	CERTIFICATE OF O that the statements made in the report are correct and		s of the /
Code, Secti		repair or replacement	
Type Code	Symbol Stamp Not Applicable		
Certificate of	f Authorization No. Not Applicable	Expiration Date Not Applicable	·····
Signed	1 200 RRR Cord	Date 1/7 ,20	05
	Owner's Owner's Designee, Title		
	CERTIFICATE OF INSER'	VICE INSPECTION	
	gned, holding a valid commission issued by the Nat	tional Board of Boiler and Pressure Vessel Insp	pectors a
State or Pro		and employed by HSB CT. inspected the components described in this Ov	vner's R
during the p	riod 4/12/04 to	8/9/05 , and state that to	the best
	nd belief, the Owner has performed examinations ar		Owner's
accordance	vith the requirements of the ASME Code, Section X	1.	
	is certificate neither the Inspector nor his employer		
	and corrective measures described in this Owner's		
inspection.	e in any manner for any personal injury or property	damage or a loss of any kind arising from or co	onnected
Qx	Commiss	ons 121-1254	
	Indiactor's Stematife		

DOCUMENT NO.:	8.0	REV. NO.: 0

1.	Owner _	Exelon Nuclea			Date <u>9/20/06</u>		······································	
	4300 Wint	field Road, War	Name renville, IL		Sheet 1		of	1
2.	Plant _	Byron Nuclear			Unit 01			
	4450 N. G	erman Church	Name Road, Byron, I Address	L	Work Order No.		2-01 , P.O. No., Job No	o., etc.
3.	Work Perf		PS&W VEI	NTURE	Type Code Symbol Authorization No. Expiration Date	ol Stamp Not		
			Address		·	HOL A	ppiicable	
4.		on of System	SD - STEAM	I GENERATO	R BLOWDOWN			
5.	PIPIN	E BODY cable Construction G - Applicable ruction Code	on Code	ME Section III ME Section III	19 74 Edition, W		•	Code Case Code Case
6.	(c) Section	eable Edition of Son XI Code Case on of Componer	e(s) NONE	l for Repair/Re	placement Activity:	2001 E	dition/2003 A	ddenda
	lame of	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
	VE BODY	MASONEILAN	D-313-1	N/A	1SD054D N00189-3-4	1979	REMOVED	NO
VAL	VE BODY	MASONEILAN	N00196-3-7 F2131-6	N/A	1SD054D CAT ID #25948	1979	INSTALLED	NO
	SCH. 80 PIPE	HUNTER CORP.	HT: AA	N/A	1SD01CH S-SD-001-27-3A	1984	REMOVED	NO
2" \$	SCH. 80 PIPE	US STEEL	HT: A82900	N/A	1SD01CH CAT ID #24507	2006	INSTALLED	NO
7.	Description	of Work R	EPLACE VALVE	EBODY & AS	SOCIATED PIPING	<u> </u>		
3.	Test Condu	ucted: Hydros	static F	Pneumatic	Nominal Opera	ting Pres	ssure 🛛 E	xempt
		Other	Pressur	e <u>1080</u>) psi Test	Temp.	556	_ °F
ote:	Supplemen	ntal sheets in fo	rm of lists, skete	ches, or drawir	ngs may be used, p	rovided ((1) size is 8½ i	n. x 11 in., (2)

€.	Remarks	Work Order No					
			Applicable	Manufacturer's	Data Reports to be	attached	
							,
			CERTIFIC	CATE OF COM	PLIANCE		
ı	certify that t	he statements ma	de in the report a	are correct and t	his conforms to the	requirements of the	ASME
	le, Section					,	
yp	e Code Syn	nbol Stamp		N	ot Applicable		
	-	uthoriza <u>tio</u> n No.	· · · · · · · · · · · · · · · · · · ·		Not Applicable		
	\sim	h Con	722	Cooch		ate 11/22 , 20	0 06
Э.			vne or Owner's Des			,	·
	`			3			
ļ	, the unders				E INSPECTION ational Board of Bo	iler and Pressure	
١	/essel Inspe	ectors and the Stat	e or Province of	Illinois	and employed	by HSB CT	
C	f Hartfor	d, CT have inst	ected the comp	onents describe	d in this Owner's Re	eport during the peri-	od
	Alulas	to 11/18	106 and	state that to the	best of my knowled	ge and belief.	
t	he Owner h	as performed exar			easures described	-	
		cordance with the					
	•		•		r makes any warrar	ntv. expressed or	
			•		described in this O	•	
	•	_			ble in any manner t	•	
			-	=	connected with this		
	njury or prop	perty damage o <u>r</u> a	1000 OF ALLY KILLS	and in a second	70. 11.00t0d With this		
	njury or prop	perty damage or a	1033 OF ALTY KING		NL-11	A	
	njury or prop	Inspector's Signature		Commissions	ML-12	A	ements
	Date:	Inspector's Signature			ML-12	54	ements

DOCUMENT NO.:	5 A		REV. NO.:	0

1.	Owner _	Exelon Nuclear	·····	Dat	e <u>9/21/06</u>			
	4300 Winf	ield Road, Warre		She	et1	of	1	*******************************
2.	Plant _	Add Byron Nuclear Po	dress wer Station	Uni	t <u>01</u>			
	4450 N. G	Na erman Church Ro	ame ad, Byron, IL	Wo	rk Order No. 007	90082-11		
		Add	dress		Repair Organi	zation, P.O.	No., Job No., etc	.
3.	Work Perfo	•	on Mechanical ntenance	Тур	e Code Symbol St	amp	Not Applical	ble
	4450 N G	erman Church Ro	Name		norization No. iration Date N	Not Applic		
,	4450 N. G		dress		mation bate	ot Applit	Sabio	
4.	Identification	on of System	SD - STEAM GENE	RATOR BL	OWDOWN			
5.			Code ASME Sec					ode Case
		able Edition of Sec in XI Code Case(s)	ction XI Used for Re NONE	pair/Heplace	ement Activity: 20	01 Editio	n/2003 Adde	nda
6.	Identification	on of Components						
	Name of omponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
	VE PLUG	MASONEILAN DRESSER	N320189-048-6 87367-22	N/A	1SD054D	1987	REMOVED	NO
VAL	VE PLUG	MASONEILAN DRESSER	S/N: 070134-9 /	N/A	1SD054D CAT ID #29440	2006	INSTALLED	NO
BO	OY STUDS	MASONEILAN INTERNATIONAL	MK #B7T	N/A	1SD054D	1979	REMOVED	NO
BOD	OY STUDS	MASONEILAN DRESSER	HT: 8869139 / HT CODE: D3	N/A	1SD054D CAT ID #25886	1996	INSTALLED	NO
	NUTS	MASONEILAN INTERNATIONAL	MK #2HT	N/A	1SD054D	1979	REMOVED	NO
	NUTS	NOVA MACHINE PRODUCTS	HT: 8994826 CODE: QJR/D805	N/A	1SD054D CAT ID #37033	2003	INSTALLED	NO
7.	Description VALVE BO		ACE VALVE PLUG					
B.	Test Condu		ic Pneuma	atic 🔲 N	lominal Operating	Pressure	⊠ Exen	npt 🗌
_						'		

. Remarks		o. 007 9 0082-11	
		Applicable Manufacturer's I	Data Reports to be attached
		CERTIFICATE OF COM	
-		ade in the report are correct and th	nis conforms to the requirements of the ASME
ode, Section	ı XI.		
ype Code Sy	ymbol Stamp	Ne	ot Applicable
ertificate of	Authorization No.		Not Applicable
gned	A. Som	- RRZ Coord	Date 11/28 ,20 06
	(1)	wne or Owner's Designee, Title	7
		CERTIFICATE OF INSERVICE	
	rsigned, holding a v	valid commission issued by the Na	ational Board of Boiler and Pressure
Vessel Insp	rsigned, holding a v pectors and the Sta	ralid commission issued by the Na te or Province of Illinois	ational Board of Boiler and Pressure and employed by HSB CT
Vessel Insp	rsigned, holding a v pectors and the Sta ord, CT have ins	ralid commission issued by the Natte or Province of Illinois pected the components described	ational Board of Boiler and Pressure and employed by HSB CT d in this Owner's Report during the period
Vessel Insp	rsigned, holding a v pectors and the Sta ord, CT have ins	ralid commission issued by the Natte or Province of Illinois pected the components described	ational Board of Boiler and Pressure and employed by HSB CT
Vessel Insport	rsigned, holding a vectors and the State ord, CT have insected to	ralid commission issued by the Nate or Province of Illinois pected the components described , and state that to the b	ational Board of Boiler and Pressure and employed by HSB CT d in this Owner's Report during the period
Vessel Insport of Hartford ### A ### Owner	rsigned, holding a vectors and the State ord, CT have insected to has performed exact.	ralid commission issued by the Nate or Province of Illinois pected the components described , and state that to the b	ational Board of Boiler and Pressure and employed by HSB CT d in this Owner's Report during the period pest of my knowledge and belief, easures described in this Owner's
Vessel Insport of Hartfu A///D the Owner Report in a	rsigned, holding a vectors and the State ord, CT have insulated to has performed examples.	ralid commission issued by the Nate or Province of Illinois pected the components described, and state that to the boundaries and taken corrective managements of the ASME Code	ational Board of Boiler and Pressure and employed by HSB CT d in this Owner's Report during the period pest of my knowledge and belief, easures described in this Owner's
of Hartford Authorities Owner Report in a By signing	pectors and the Sta pectors and the Sta ord, CT have ins to ////////////////////////////////////	ralid commission issued by the Natte or Province of Illinois pected the components described, and state that to the teminations and taken corrective managements of the ASME Code ner the Inspector nor his employer	ational Board of Boiler and Pressure and employed by HSB CT d in this Owner's Report during the period pest of my knowledge and belief, easures described in this Owner's , Section XI.
of Hartford AMMON The Owner Report in a By signing implied, co	rsigned, holding a vectors and the State ord, CT have instant to	ralid commission issued by the Nate or Province of Illinois pected the components described, and state that to the teminations and taken corrective managements of the ASME Code for the Inspector nor his employer nations and corrective measures	ational Board of Boiler and Pressure and employed by HSB CT d in this Owner's Report during the period pest of my knowledge and belief, easures described in this Owner's , Section XI. The makes any warranty, expressed or
of Hartford And Market	pectors and the State ord, CT have insolved has performed example. The content of the certificate neither certifier the Inspectors and the Inspectors are neither the Inspectors.	ralid commission issued by the Nate or Province of Illinois pected the components described, and state that to the teminations and taken corrective managements of the ASME Code for the Inspector nor his employer nations and corrective measures	ational Board of Boiler and Pressure and employed by HSB CT d in this Owner's Report during the period pest of my knowledge and belief, easures described in this Owner's, Section XI. The makes any warranty, expressed or described in this Owner's Report. The ble in any manner for any personal
of Hartford Authorities Owner Report in a By signing implied, co Furthermon	pectors and the State ord, CT have insolved has performed example. The content of the certificate neither certifier the Inspectors and the Inspectors are neither the Inspectors.	ralid commission issued by the Nate or Province of Illinois pected the components described, and state that to the teminations and taken corrective materials are the inspector nor his employer nations and corrective measures ector nor his employer shall be liable.	ational Board of Boiler and Pressure and employed by HSB CT d in this Owner's Report during the period pest of my knowledge and belief, easures described in this Owner's, Section XI. The makes any warranty, expressed or described in this Owner's Report. The ble in any manner for any personal
of Hartford A Martin	pectors and the State ord, CT have insolved has performed example. The content of the certificate neither certifier the Inspectors and the Inspectors are neither the Inspectors.	ralid commission issued by the Nate or Province of Illinois pected the components described, and state that to the teminations and taken corrective managements of the ASME Code for the Inspector nor his employer nations and corrective measures ector nor his employer shall be lial closs of any kind arising from or commissions	ational Board of Boiler and Pressure and employed by HSB CT d in this Owner's Report during the period pest of my knowledge and belief, easures described in this Owner's, Section XI. The makes any warranty, expressed or described in this Owner's Report. The ble in any manner for any personal connected with this inspection.

DOCUMEN	T NO.: DOC	C#5A				REV. N	O.: 0
				R REPAIR/REPL			
. Owner	Exelon Nuclear	r		Date 09/26/06			
_		Name				*	
4300 Win	field Road, War	renville, IL Address		Sheet1		of1	
. Plant _	Byron Nuclear	· · · · · · · · · · · · · · · · · · ·	· .	Unit 01			
4450 N. G	erman Church	Name Road, Byron, I	L	Work Order No.	0079234	1-07	
7700 11. 0		Address				P.O. No., Job No	., etc.
. Work Per		yron Mechanic aintenance	al	Type Code Symb	ol Stamp	Not Appl	icable
		Name		Authorization No.		Applicable	
4450 N. G	ierman Church	Road, Byron, I Address	<u>L</u>	Expiration Date	Not A	pplicable	
. Identificat	ion of System			R BLOWDOWN			
				19 <u>_74_</u> Edition, \			_Code Case
(b) Applic		Section XI Used e(s) NONE		19_ <u>74_</u> Edition, _eplacement Activity			
(b) Applic	cable Edition of Son XI Code Case	Section XI Used e(s) NONE					
(b) Applic (c) Section Identification	cable Edition of Son XI Code Case ion of Componer Name of	Section XI Used P(s) NONE Its Manufacturer	for Repair/Re	placement Activity Other	2001 E	Corrected, Removed, or	ASME Code Stamped
(b) Application (c) Section (c	cable Edition of Son XI Code Case ion of Componer Name of Manufacturer	Section XI Used P(s) NONE Ints Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
(b) Applic (c) Section Identification Name of Component VALVE PLUG	cable Edition of Son XI Code Case ion of Componer Name of Manufacturer MASONEILAN	Manufacturer Serial No. N-00196-3-3	National Board No.	Other Identification 1SD002A	Year Built 1988	Corrected, Removed, or Installed REMOVED	ASME Code Stamped (Yes or No)
(b) Applic (c) Section Identification Name of Component VALVE PLUG	cable Edition of Son XI Code Case ion of Componer Name of Manufacturer MASONEILAN	Manufacturer Serial No. N-00196-3-3	National Board No.	Other Identification 1SD002A	Year Built 1988	Corrected, Removed, or Installed REMOVED	ASME Code Stamped (Yes or No)
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(b) Application (c) Section (c	cable Edition of Son XI Code Case ion of Componer Name of Manufacturer MASONEILAN MASONEILAN	Manufacturer Serial No. N-00196-3-3	National Board No. N/A	Other Identification 1SD002A	Year Built 1988	Corrected, Removed, or Installed REMOVED	ASME Code Stamped (Yes or No)

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

psi

Other

Pressure

Test Temp.

CERTIFICATE OF COMPLIANCE I certify that the statements made in the report are correct and this conforms to the requirements of the AS Code, Section XI. Type Code Symbol Stamp Not Applicable Certificate of Authorization No. Not Applicable Date 11/7 , 20 Code Symbol Stamp Not Applicable Certificate of Authorization No. Not Applicable Date 11/7 , 20 Code Symbol Stamp Not Applicable Certificate of Authorization No. Not Applicable Date 11/7 , 20 Code Symbol Stamp Not Applicable Certificate of Authorization No. Not Applicable Date 11/7 , 20 Code Symbol Stamp Not Applicable Date 11/7 , 20 Code Symbol Stamp Not Applicable Date 11/7 , 20 Code Symbol Stamp Certificate of Authorization No. Not Applicable Date 11/7 , 20 Code Symbol Stamp Not Applicable Date 11/7 , 20 Co	9.	Remarks	Work Order No.	
I certify that the statements made in the report are correct and this conforms to the requirements of the AS code, Section XI. Type Code Symbol Stamp Not Applicable Certificate of Authorization No. Not Applicable Date Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Hartford, CT have inspected the components described in this Owner's Report during the period 1. The Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions 1/LL-/254				Applicable Manufacturer's Data Reports to be attached
CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinols and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report during the period in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions LL L354			-	
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CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report during the period in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions				CERTIFICATE OF COMPLIANCE
CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinols and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions LL- L554	l ce	artify that t	na etatamente mai	
Present the components described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Date III 7 , 20 D Passure Line Date III 7 , 20 D Passure Certificate Inspector III Inois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions LLL- 254		•		ade in the report are correct and this comorns to the requirements of the Asimb
CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions LL- L54		•		Not Applicable
CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinols and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions LL- 254		-	* ********	
CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period a state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions 162-163-4			Monzation No.	
CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period nation to 1/2/16, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions 1/LL-/254	igne	·a ——(The Car	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period not			(1) Com	when or Owner's Designee, Inte
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period not				
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period nation and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions				
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period not			_	
Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period a state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions				
of Hartford, CT have inspected the components described in this Owner's Report during the period 425/06 to 102/06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions 1/21-1254			•	•
to	Ve	ssel Inspe	ctors and the Stat	ite or Province ofIllinois and employed byHSB CT
the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions 121-1254	of	Hartfor	d, CT have insp	pected the components described in this Owner's Report during the period
Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions 121-1354	9	125/06	to <i>[//2/]</i>	, and state that to the best of my knowledge and belief,
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions 122-1254	the	Owner h	as performed exan	minations and taken corrective measures described in this Owner's
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions 122-1254	Re	port in acc	ordance with the	requirements of the ASME Code, Section XI.
implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions 162-1354	By	signing th	is certificate neithe	ner the Inspector nor his employer makes any warranty, expressed or
Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions 162-1254	-			
injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions 166-1854			•	•
Commissions 122-1254			•	• • • • • • • • • • • • • • • • • • • •
	,	21, 01 p.04 200	nd sidle	· · · · · · · · · · · · · · · · · · ·
		- Just	Inspector's Signature	
Date: Not 11 , 20 06	D -	.		

DOCOMEN	TNO.: DO	C #5A				REV. N	0.: 0
				R REPAIR/REPLA s of the ASME Co			
I. Owner	Exelon Nuclea	r		Date 9/21/06			
4000 11/1	State Dand Wa	Name		Oh 4			
4300 WIN	field Road, Wa	Address		Sheet 1		of1	··· ·
. Plant _	Byron Nuclear			Unit <u>01</u>			
4450 N G	ierman Church	Name Road Byron	ı	Work Order No.	0079234	7-01	
1100 N. O		Address	-			P.O. No., Job No.	., etc.
. Work Perf	•	yron Mechanio Iaintenance	ai	Type Code Symbo	ol Stamp	Not Appl	icable
		Name		Authorization No.		Applicable	
4450 N. G	erman Church	Road, Byron, I Address	<u>L</u>	Expiration Date	Not A	pplicable	
	on of System			R BLOWDOWN			
(c) Section	cable Edition of on XI Code Case on of Compone	e(s) NONE	for Repair/Re	eplacement Activity:	2001 E	dition/2003 A	ddenda
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
VALVE PLUG	MASONEILAN	HT #A12478-5	N/A	1SD002H	1988	REMOVED	NO
VALVE PLUG	MASONEILAN	S37946-6	N/A	CAT ID#29440 1SD002H	2006	INSTALLED	NO
						1 1	
,							
Description	of Work RI	EPLACE VALVE	E PLUG				

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

n/a

psi

Test Temp.

Other [

Pressure

).	Remarks	Work Order No.	
			Applicable Manufacturer's Data Reports to be attached
			CERTIFICATE OF COMPLIANCE
ı	certify that t	he statements mad	le in the report are correct and this conforms to the requirements of the ASMI
	de, Section 2		o in the report and defined and defined to the requirements of the remi
	e Code Syn		Not Applicable
•	-	thorization No.	Not Applicable
	ned	A SX	- RR Carch Date 11/6 , 20 06
9,		(1)	nerior Owner's Designee, Title
		V) C	John Childs of Dodgistor, 1980
		_	ERTIFICATE OF INSERVICE INSPECTION lid commission issued by the National Board of Boiler and Pressure or Province of Illinois and employed by HSB CT
	of Hartfor		ected the components described in this Owner's Report during the period
•	ola what	to ///	, and state that to the best of my knowledge and belief,
_	be Owner b		ninations and taken corrective measures described in this Owner's
		•	equirements of the ASME Code, Section XI.
	•		equirements of the ASME Code, Section XI. If the Inspector nor his employer makes any warranty, expressed or
			ations and corrective measures described in this Owner's Report.
	•	_	•
		•	etor nor his employer shall be liable in any manner for any personal
II	njury or prop	Perty damage or a	oss of any kind arising from or connected with this inspection.
		Inspector's Signature	Commissions
_	Data:	Nev. 15	National Board, State Province, and Endorsements
L	Date:	/U # T . / 3	, 20 <i>P 6</i>

DOCUMENT NO.:	4-2			REV. NO.:	0
		 	·		

1.	Owner _	Exelon Nuclea	····		Date <u>9/19/06</u>			
	4300 Win	field Road, Wa	Name rrenville, IL		Sheet 1		of	1
2.	Plant	Byron Nuclear	Address Power Station		Unit 1			
۷.	_		Name			0001071	E 04	
	_4450 N. G	erman Church	Address		Work Order No. Repair Or		5-U1 P.O. No., Job No	o., etc.
3.	Work Perf	•	yron Mechanio Iaintenance	al	Type Code Symbo	ol Stamp	Not App	licable
	4450 N. G	erman Church	Name Road, Byron , l Address	L	Authorization No. Expiration Date		Applicable oplicable	
4.	I dentificati	on of System	SD - Steam	Generator Blo	wdown			
5.	(b) Applic		Section XI Used		19 74 Edition, Wolacement Activity:			_ Code Case .ddenda
6.	Identificati	on of Compone	nts					
	Name of om ponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
	tern/Plug ssembly	Masoneilan- Dresser	S/N 87367-7	N/A	ETN: 1SD054F	1987	Removed	No
	tern/Plug ssembly	Masoneilan- Dresser	S/N S37946-8	N/A	ETN: 1SD054F Caty/ld: 0001405248-1	2004	Installed	No
				·				
			·					
7.	Description	of Work R	eplace Plug/Ste	m assembly.				
8.	Test Condu	ucted: Hydro	static	Pneumatic	Nominal Opera	iting Pres	sure 🗍 🛚 E	exempt 🛛
		Other			•	Temp		_ ºF
lote:	Suppleme	ntal sheets in fo	rm of lists, sket	ches, or drawin	gs may be used, p	rovided (1) size is 8½	in. x 11

	Applicable Manufacturer's Data Reports to be attached
	CERTIFICATE OF COMPLIANCE
I certify that the statements made	e in the report are correct and this conforms to the requirements of the ASME
Code, Section XI.	
Гуре Code Symbol Stamp	Not Applicable
Certificate of Authorization No.	Not Applicable
Signed	RRR - Com Date 11/6 , 20 06
Øwn.	erjor Owner's Designee, Title
CE	EDTIFICATE OF INSERVICE INSPECTION
	ERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a vali	id commission issued by the National Board of Boiler and Pressure
I, the undersigned, holding a vali Vessel Inspectors and the State	id commission issued by the National Board of Boiler and Pressure or Province of and employed by HSB CT
I, the undersigned, holding a valid Vessel Inspectors and the State of Hartford, CT have inspectors.	id commission issued by the National Board of Boiler and Pressure or Province of Illinois and employed by HSB CT cted the components described in this Owner's Report during the period
I, the undersigned, holding a valid Vessel Inspectors and the State of Hartford, CT have inspectors to	or Province of Illinois and employed by HSB CT cted the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief,
I, the undersigned, holding a valid Vessel Inspectors and the State of Hartford, CT have inspectors to the Owner has performed examination.	id commission issued by the National Board of Boiler and Pressure or Province of Illinois and employed by HSB CT cted the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, nations and taken corrective measures described in this Owner's
I, the undersigned, holding a valid Vessel Inspectors and the State of Hartford, CT have inspect to have inspe	id commission issued by the National Board of Boiler and Pressure or Province of Illinois and employed by HSB CT cted the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, nations and taken corrective measures described in this Owner's quirements of the ASME Code, Section XI.
I, the undersigned, holding a valid Vessel Inspectors and the State of Hartford, CT have inspect to have inspect to have inspect to have inspect the Owner has performed examine Report in accordance with the result of the Sy signing this certificate neither	id commission issued by the National Board of Boiler and Pressure or Province of Illinois and employed by HSB CT cted the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, nations and taken corrective measures described in this Owner's quirements of the ASME Code, Section XI.
I, the undersigned, holding a valid Vessel Inspectors and the State of Hartford, CT have inspect to Hartford, to Hartford examine Report in accordance with the real By signing this certificate neither implied, concerning the examination	id commission issued by the National Board of Boiler and Pressure or Province of Illinois and employed by HSB CT cted the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, nations and taken corrective measures described in this Owner's quirements of the ASME Code, Section XI. The Inspector nor his employer makes any warranty, expressed or tions and corrective measures described in this Owner's Report.
I, the undersigned, holding a valid Vessel Inspectors and the State of Hartford, CT have inspector to the Owner has performed examinate Report in accordance with the result of the Owner has performed examinate the Inspector of the University of t	id commission issued by the National Board of Boiler and Pressure or Province of Illinois and employed by HSB CT cted the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, nations and taken corrective measures described in this Owner's quirements of the ASME Code, Section XI. The Inspector nor his employer makes any warranty, expressed or tions and corrective measures described in this Owner's Report. For nor his employer shall be liable in any manner for any personal
I, the undersigned, holding a valid Vessel Inspectors and the State of Hartford, CT have inspector to the Owner has performed examinate Report in accordance with the result of the Owner has performed examinate the Inspector of the University of t	id commission issued by the National Board of Boiler and Pressure or Province of Illinois and employed by HSB CT cted the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, nations and taken corrective measures described in this Owner's quirements of the ASME Code, Section XI. the Inspector nor his employer makes any warranty, expressed or tions and corrective measures described in this Owner's Report. or nor his employer shall be liable in any manner for any personal ass of any kind arising from or connected with this inspection.
I, the undersigned, holding a valid Vessel Inspectors and the State of Hartford, CT have inspector to the Owner has performed examinate Report in accordance with the result of the Owner has performed examinate the Inspector of the University of t	id commission issued by the National Board of Boiler and Pressure or Province of Illinois and employed by HSB CT cted the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, nations and taken corrective measures described in this Owner's quirements of the ASME Code, Section XI. The Inspector nor his employer makes any warranty, expressed or tions and corrective measures described in this Owner's Report. Tor nor his employer shall be liable in any manner for any personal

DOCUMENT NO.: N/A REV. NO.: N/	DOCUMENT NO.:	N/A			REV. NO.:	N/A
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	Owner _	Exelon Nuclea			Date <u>9/23/06</u>			
	#200 Wind	Hald Daad Wa	Name		Chast 4		t	
	4300 Wini	field Road, Wa	Address		Sheet 1		of	1
	Plant		Power Station		Unit 01			
	1 iain	Byron Nuclear	Name		O'III			
	4450 N. G	erman Church	Road, Byron, I	L	Work Order No.	0074127	7-01	
			Address		Repair Or	ganization	, P.O. No., Job No	., etc.
	Work Perfe	•	Byron Mechanic Maintenance	al	Type Code Symbo	ol Stamp	Not Appl	icable
			Name		Authorization No.	Not	Applicable	
	4450 N. G		Road, Byron, II	L	Expiration Date	Not A	pplicable	
			Address					
	Identification	on of System	SI – SAFETY	INJECTION			•	
	(b) Applic(c) Section		Section XI Used e(s) NONE		19 71 Edition, W. placement Activity:			
_		T	 				,	
	lame of omponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Co				Board			Removed, or	Code Stamped
C	mponent /E COVER	Manufacturer	Serial No.	Board No.	Identification	Built	Removed, or Installed	Code Stamped (Yes or No)
C	mponent /E COVER	Manufacturer	Serial No.	Board No.	Identification	Built	Removed, or Installed	Code Stamped (Yes or No)
C	mponent /E COVER	Manufacturer KEROTEST	Serial No.	Board No. 9568	Identification 1SI8900D	Built	Removed, or Installed	Code Stamped (Yes or No)
C	mponent VE COVER AL WELD	Manufacturer KEROTEST of Work IN	Serial No. S/N: KYA5-3	Board No. 9568	Identification 1SI8900D	Built 1976	Removed, or Installed INSTALLED	Code Stamped (Yes or No)

9. Remarks	Work Order No.		
		Applicable Manufactu	urer's Data Reports to be attached
		CERTIFICATE OF	COMPLIANCE
Legrify that	he statements mad		t and this conforms to the requirements of the ASME
Code, Section			
Гуре Code Syr			Not Applicable
••	uthorization No.		Not Applicable
Signed	A SAY	- RRR CORD	Date (1/10 , 20 06
	()	mer of Owner's Designee, Title	
	12		
i, the unders		ERTIFICATE OF INSER	RVICE INSPECTION the National Board of Boiler and Pressure
Vessel Inspe	ectors and the State	or Province ofIllir	nois and employed by HSB CT
of Hartfor	d, CT have insp	ected the components des	scribed in this Owner's Report during the period
9/20/0	to H/13	, and state that to	to the best of my knowledge and belief,
the Owner h	as performed exan	ninations and taken correct	ctive measures described in this Owner's
Report in ac	cordance with the i	requirements of the ASME	Code, Section XI.
By signing th	nis certificate neithe	er the Inspector nor his em	ployer makes any warranty, expressed or
implied, con	cerning the examin	ations and corrective mea:	sures described in this Owner's Report.
Furthermore	, neither the Inspec	tor nor his employer shall	be liable in any manner for any personal
injury or pro	perty damage or a	oss of any kind arising from	om or connected with this inspection.
Ox	met uch	Commiss	_ ·
7	Inspector's Signature		National Board, State Province, and Endorsements
	· ·		

DOCUMENT NO.:	2-1		REV. NO.: 0
DOCUMENT NO.:	2-1	•	REV. NO.: U

1.	Owner	Exelon Nuclea			Date <u>09/23/06</u>			
	4300 Win	nfield Road, Wa	Name arrenville, IL		Sheet 1		of	1
2.	Plant	Byron Nuclea	Address r Power Station		Unit 01			
	-		Name					
	4450 N. G	erman Church	n Road, Byron, l Address	L	Work Order No. Repair O		7 7-08 , P.O. No., Job N	o., etc.
3.	Work Per		Byron Mechanio Maintenance	al	Type Code Symb			
			Name		Authorization No.		Applicable	
	4450 N. G	erman Church	Road, Byron, I Address	<u> </u>	Expiration Date	Not A	pplicable	****
4.	Identificati	ion of System	SI SAFETY I	NJECTION				
5.	(a) Applio	cable Construct	ion Code ASI	ME Section III	19 71 Edition, V	V72 Adde	enda. N/A	Code Case
	(b) Applic	cable Edition of	Section XI Used		placement Activity:			
3 .	· ,	on XI Code Cas ion of Compone						
		T.	T					ASME
	Name of omponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	Code Stamped (Yes or No)
VAL	VE, CHECK	KEROTEST	KYA5-3	9568	1SI8900D	1976	CORRECTED	YES
				· · · · · · · · · · · · · · · · · · ·				
								-
·····		1	1					
	Description	of Work EX	CAVATE BASE	METAL NDE	INDICATION ON	CAP REF	ERENCE EC	#362682
-	Description Test Condu			E METAL NDE	INDICATION ON O		:	#362682 Exempt []

	Applicable Manufacturer's Data Reports to be attached
	CERTIFICATE OF COMPLIANCE
I certify that the statements made	in the report are correct and this conforms to the requirements of the ASME
ode, Section XI.	
pe Code Symbol Stamp	Not Applicable
ertificate of Authorization No.	Not Applicable
gned A	RRR Cood Date 11/10, 20 01
giled A	
	er or Owner's Designee, Title
Owne	
Owne	er or Owner's Designee, Title
Owne	RTIFICATE OF INSERVICE INSPECTION d commission issued by the National Board of Boiler and Pressure
CEI I, the undersigned, holding a valid Vessel Inspectors and the State of	RTIFICATE OF INSERVICE INSPECTION d commission issued by the National Board of Boiler and Pressure
CEI I, the undersigned, holding a valid Vessel Inspectors and the State of	RTIFICATE OF INSERVICE INSPECTION d commission issued by the National Board of Boiler and Pressure or Province of Illinois and employed by HSB CT
I, the undersigned, holding a valid Vessel Inspectors and the State of Hartford, CT have inspected to 1/5/	RTIFICATE OF INSERVICE INSPECTION d commission issued by the National Board of Boiler and Pressure or Province of and employed by HSB CT cited the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief,
CEI I, the undersigned, holding a valid Vessel Inspectors and the State of Hartford, CT have inspected to the Country of the Owner has performed examined.	RTIFICATE OF INSERVICE INSPECTION d commission issued by the National Board of Boiler and Pressure or Province of Illinois and employed by HSB CT cted the components described in this Owner's Report during the period and and state that to the best of my knowledge and belief, nations and taken corrective measures described in this Owner's
CEI I, the undersigned, holding a valid Vessel Inspectors and the State of Hartford, CT have inspected to the Owner has performed examin Report in accordance with the requirement.	RTIFICATE OF INSERVICE INSPECTION d commission issued by the National Board of Boiler and Pressure or Province of
CEI I, the undersigned, holding a valid Vessel Inspectors and the State of Martford, CT have inspected to the Owner has performed examin Report in accordance with the requirements by signing this certificate neither the state of the owner has performed examined.	RTIFICATE OF INSERVICE INSPECTION d commission issued by the National Board of Boiler and Pressure or Province of Illinois and employed by HSB CT cited the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, nations and taken corrective measures described in this Owner's quirements of the ASME Code, Section XI. the Inspector nor his employer makes any warranty, expressed or
I, the undersigned, holding a valid Vessel Inspectors and the State of Hartford, CT have inspect the Owner has performed examin Report in accordance with the requiremental By signing this certificate neither the implied, concerning the examination	RTIFICATE OF INSERVICE INSPECTION d commission issued by the National Board of Boiler and Pressure or Province of Illinois and employed by HSB CT cted the components described in this Owner's Report during the period and and state that to the best of my knowledge and belief, nations and taken corrective measures described in this Owner's quirements of the ASME Code, Section XI. the Inspector nor his employer makes any warranty, expressed or ions and corrective measures described in this Owner's Report.
I, the undersigned, holding a valid Vessel Inspectors and the State of Hartford, CT have inspected to the Owner has performed examin Report in accordance with the red By signing this certificate neither to implied, concerning the examinati Furthermore, neither the Inspector	RTIFICATE OF INSERVICE INSPECTION d commission issued by the National Board of Boiler and Pressure or Province of Illinois and employed by HSB CT eted the components described in this Owner's Report during the period and state that to the best of my knowledge and belief, nations and taken corrective measures described in this Owner's quirements of the ASME Code, Section XI. the Inspector nor his employer makes any warranty, expressed or ions and corrective measures described in this Owner's Report. or nor his employer shall be liable in any manner for any personal
I, the undersigned, holding a valid Vessel Inspectors and the State of Hartford, CT have inspected to the Owner has performed examin Report in accordance with the red By signing this certificate neither to implied, concerning the examinati Furthermore, neither the Inspector	RTIFICATE OF INSERVICE INSPECTION d commission issued by the National Board of Boiler and Pressure or Province of

D	OCUMENT	NO.: 4	-1				REV. N	O.: 0
	FC	· · · · · · · · · · · · · · · · · · ·			PAIR/REPLACEI he ASME Code S			
1.	Owner _	Exelon Nuclea	<u>r</u>		Date <u>09/19/06</u>			
	4300 Winf	ield Road, Wa	Name rrenville, IL		Sheet 1		of	1
2.	Plant		Address Power Station		Unit 1		***************************************	
	_		Name Road, Byron,		Work Order No.	0087027	4-01	
•	4100 IV. C		Address				P.O. No., Job No	o., etc.
3.	Work Perfe	•	yron Mechanio	cal	Type Code Symbo	ol Stamp	Not App	licabl e
			Name		Authorization No.	Not	Applicable	
	4450 N. G		Road, Byron,	<u>IL</u>	Expiration Date	Not A	oplicable	
			Address					
4.	Identification	on of System	SI – Safety I	njection				
5.	(b) Applic	able Edition of	Section XI Used		_19 <u>71</u> Edition, W. placement Activity:			
•	• •	n XI Code Cas	` '					
6.	identincatio	on of Compone						
	Name of omponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Disc	or 6" Swing	Westinghouse	HT #65800		EPN: 1SI8818C	1976	Removed	NO
	ock Valve. for 6" Swing	Westinghouse	S/N: 2045 HT# 276470	N/A	EPN: 1SI8818C			
	eck Valve.	· · · · · · · · · · · · · · · · · · ·	S/N RP-2003	N/A	2. 71. 10.00.00	2001	Installed	NO
								,

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8\frac{1}{2}$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

Exempt

٥F

Nominal Operating Pressure

Test Temp.

psi

Replace the check valve disc for better seating.

Pneumatic

Pressure

7.

8.

Description of Work

Test Conducted:

Hydrostatic

Other [

CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinols and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a Toss of any kind arising from or connected with this inspection. Commissions National Board, State Province, and Endorsem		Applicable Manufacturer's Data I	Reports to be attached
CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period All Describer of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a Toss of any kind arising from or connected with this inspection. Commissions Astate Province, and Endorsem			
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CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a Toss of any kind arising from or connected with this inspection. Commissions Antional Board, State Province, and Endorsem National Board, State Province, and Endorsem			
Not Applicable rifficate of Authorization No. RRR Cood Ownellor Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinols and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period and the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a Toss of any kind arising from or connected with this inspection. Commissions National Board, State Province, and Endorsem		CERTIFICATE OF COMPLIA	NCE
CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinols and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period and an accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a Toss of any kind arising from or connected with this inspection. Commissions National Board, State Province, and Endorsem	certify that the statements ma	de in the report are correct and this co	nforms to the requirements of the ASME
CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinols and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a Toss of any kind arising from or connected with this inspection. Commissions National Board, State Province, and Endorsem	de, Section XI.		
CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period to III8 Db , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a Toss of any kind arising from or connected with this inspection. Commissions Commissions LL L L L L L L L L	oe Code Symbol Stamp	Not Ap	plicable
CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinols and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period to	rtificate of Authorization No.	Not A	Applicable
CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinols and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period to 1/28/06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a Toss of any kind arising from or connected with this inspection. Commissions 1/1/15/4 National Board, State Province, and Endorsem	ined 5 5	RRR Coop	Date 11/27 , 20 06
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of	10 6	wnet or Owner's Designee, Title	·
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period for the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a Toss of any kind arising from or connected with this inspection. Commissions National Board, State Province, and Endorsem			
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Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period to ISB OF, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a Toss of any kind arising from or connected with this inspection. Commissions ILL - ISA National Board, State Province, and Endorsem	C	CERTIFICATE OF INSERVICE INS	PECTION
hartford, CT have inspected the components described in this Owner's Report during the period to	A AR	alid commission issued by the Nationa	Roard of Boiler and Pressure
hartford, CT have inspected the components described in this Owner's Report during the period to	i, the undersigned, holding a vi		. Dodi a of Dollor and 1 1003arc
to		•	
the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions 122 1354 National Board, State Province, and Endorsem	Vessel Inspectors and the Stat	te or Province of Illinois	and employed by HSB CT
Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions 122-1354	Vessel Inspectors and the Stat of Hartford, CT have insp	te or Province of Illinois accepted the components described in the	and employed by HSB CT is Owner's Report during the period
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions 1 1 154 National Board, State Province, and Endorsem	Vessel Inspectors and the State of Hartford, CT have inspectors and	te or Province of Illinois a sected the components described in the solution of the section of t	and employed by HSB CT is Owner's Report during the period f my knowledge and belief,
implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions Inspector's Signature Commissions National Board, State Province, and Endorsem	Vessel Inspectors and the State of Hartford, CT have inspector to 1/2: the Owner has performed example.	te or Province of Illinois pected the components described in the state that to the best of the minations and taken corrective measurements.	is Owner's Report during the period f my knowledge and belief, es described in this Owner's
Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions 1 1 154 National Board, State Province, and Endorsem	Vessel Inspectors and the State of Hartford, CT have inspector to 1/2 the Owner has performed example of the Owner has performed example of the Neport in accordance with the	te or Province of Illinois a pected the components described in the second part of the second part of the second part of the ASME Code, Section of t	and employed by HSB CT is Owner's Report during the period if my knowledge and belief, es described in this Owner's ion XI.
injury or property damage or a Toss of any kind arising from or connected with this inspection. Commissions Inspector's Signature Commissions National Board, State Province, and Endorsem	Vessel Inspectors and the State of Hartford, CT have inspector to Hartford to Hartford to Hartford to Hartford example the Owner has performed example to the By signing this certificate neither	te or Province of Illinois a pected the components described in the Solo of the Land of th	and employed by HSB CT is Owner's Report during the period if my knowledge and belief, es described in this Owner's ion XI. es any warranty, expressed or
Inspector's Signature Commissions 111-1354 National Board, State Province, and Endorsem	Vessel Inspectors and the State of Hartford, CT have inspector to 12 the Owner has performed example to the By signing this certificate neither implied, concerning the examination of the state of the	te or Province of Illinois a pected the components described in the second part of the second part of the second part of the ASME Code, Section of the Inspector nor his employer maken pations and corrective measures described in the second part of the Inspector part of the second part of the Inspector part of the second part of the se	and employed by HSB CT is Owner's Report during the period if my knowledge and belief, es described in this Owner's ion XI. es any warranty, expressed or ibed in this Owner's Report.
Inspector's Signature National Board, State Province, and Endorsem	Vessel Inspectors and the State of Hartford, CT have inspector to the Owner has performed exampled, concerning the examination of the Inspector of the Inspecto	te or Province of Illinois a pected the components described in the second part of the second part of the second part of the ASME Code, Section of the Inspector nor his employer maken ations and corrective measures described part of the second part of the seco	is Owner's Report during the period f my knowledge and belief, es described in this Owner's ion XI. es any warranty, expressed or ibed in this Owner's Report. any manner for any personal
	Vessel Inspectors and the State of Hartford, CT have inspector to Hartford, to Hartford to Hartford example the Owner has performed exampled. A signing this certificate neither implied, concerning the examination of the Hartford examination of the Hartfo	te or Province of Illinois pected the components described in the second of the secon	is Owner's Report during the period f my knowledge and belief, es described in this Owner's ion XI. es any warranty, expressed or ibed in this Owner's Report. any manner for any personal
Date: NOV. 28 .20 06	Vessel Inspectors and the State of Hartford, CT have inspector to the Owner has performed exampled. A concerning the examination of the Inspector of the Inspec	te or Province of Illinois pected the components described in the second of the secon	is Owner's Report during the period f my knowledge and belief, es described in this Owner's ion XI. es any warranty, expressed or ibed in this Owner's Report. any manner for any personal octed with this inspection.

DOCUMENT NO.:	5.2		REV. NO.: 0	
				

			•					
1.	Owner _	Exelon Nuclea			Date <u>09/16/06</u>			· · · · · · · · · · · · · · · · · · ·
	4300 Win	field Road, Wa	Name		Sheet 1		of 1	
	4300 WIN	ilelu noau, Wa	Address		OliaerI		of <u>1</u>	
2.	Plant _	Byron Nuclea	r Power Station		Unit 01			
	4450 N. G	erman Church	Name n Road, Byron, I	L	Work Order No.	0089098	17-09	
			Address				, P.O. No., Job No.,	etc.
3.	Work Perf	ormed by	N P S & W VENT	URE	Type Code Symb	ol Stamp	Not Applic	able
-,-		_	Name		Authorization No.	Not	Applicable	
	36400 S. I	Essex Road, W	/ilmington, IL 6	0481	Expiration Date	Not A	pplicable	
			Address					
4.	Identificati	on of System	SI (SAFETY	INJECTION)				
5.					19 <u>74</u> Edition,S			Code Case
		cable Edition of on XI Code Cas		for Repair/Re	placement Activity	2001	Edition / 2003	Addenda
6.	• •	on of Compone	` '	· · · · · · · · · · · · · · · · · · ·				
	·	<u> </u>	T			<u> </u>	T	ASME
				National			Corrected, Removed, or	Code Stamped
,	Name of	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	Installed	(Yes or No)
	BELL FTG	CBI	CBI contract	N/A	1SI06AA-24"	1976	Removed	NO
	ion Pipe		74-2256 Component #					
Colla		CCI	103132160001	N/A	1SI06AA-24"	2006	Installed	NO
				,				
				·				
					<u> </u>			
7.	Description	of Work R	EMOVED END E	BELL, INSTAL	LED SUCTION PIF	E COLL	AR PER EC 356	569
3.	Test Condu	•		neumatic 🗌	Nominal Opera			empt 🖾
		Other	Pressure		psi Test	Temp		eF.
-	. Sunnlamor	stal cheets in for	rm of liete ekotel	hae or drawin	as may be used in	rovided /	1) cize ic 916 in	v 11 in /2\

9. Remarks	WO# 00890987-09, instal from the bill of materials	lled suction pipe collar is a non-code item, the listed component number is
		plicable Manufacturer's Data Reports to be attached
	CEF	RTIFICATE OF COMPLIANCE
I certify that the Code, Section X		report are correct and this conforms to the requirements of the ASME
Type Code Sym		Not Applicable
Certificate of Au	thorization No.	Not Applicable
Signed 1	and a Nober Ro	RR COORDINATOR Date //-2/,2006
	· · · · · · · · · · · · · · · · · · ·	ner's Designee, Title
	CERTIFIC	CATE OF INSERVICE INSPECTION
I, the undersi	gned, holding a valid comm	nission issued by the National Board of Boiler and Pressure
Vessel Inspe	ctors and the State or Provi	ince of Illinois and employed by HSB CT
of Hartford	I, CT have inspected the	components described in this Owner's Report during the period
5/5/06	to 1//22/06	, and state that to the best of my knowledge and belief,
the Owner ha	s performed examinations	and taken corrective measures described in this Owner's
Report in acc	ordance with the requireme	ents of the ASME Code, Section XI.
By signing thi	s certificate neither the Insp	pector nor his employer makes any warranty, expressed or
implied, conc	erning the examinations and	d corrective measures described in this Owner's Report.
		is employer shall be liable in any manner for any personal
	· · · · · · · · · · · · · · · · · · ·	y kind arising from or connected with this inspection.
2010	duck	Commissions ///-//154
<i>V</i>	Inspector's Signature	National Board, State Province, and Endorsements
Date:	VOV. 22 ,20 06	

(Final)

1.	Owner	Exelon Nuclea	ar		Date 9/16/06			
	-		Name					
	4300 Win	field Road, Wa			Sheet1		of <u>1</u>	
2.	Plant	Byron Nuclea	Address r Power Station		Unit 01	•		
	-	- Syron Nasioa	Name	-	<u> </u>			
	4450 N. G	erman Church	Road, Byron,	<u>IL</u>	Work Order No.			
			Address		Repair O	rganization,	P.O. No., Job No.,	etc.
3.	Work Perf	ormed by	NPS&WVEN	TURE	Type Code Symb	ol Stamp	Not Applic	able
			Name		Authorization No.		Applicable	
	36400 S. I	Essex Road, W	/Ilmington, IL 6 Address	0481	Expiration Date	Not A	pplicable	
			Address					
4.	Identificati	on of System	SI (Safety In	jection)	·			
5.	(a) Applic	able Construct	ion Code ASI	ME Section III	19 74 Edition, S	375 Adde	nda.	Code Case
•					placement Activity			
		n XI Code Cas						
6.	Identificati	on of Compone	nts					
1	Name of	Name of	Manufacturer	National Board	Other	Year	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
_ ~	omponent	Manufacturer	Serial No.	No.	Identification	Bullt		
	BELL FTG	СВІ	CBI contract 74-2256	N/A	1SI06AB-24"	1976	Removed	NO
Suction Collar	n Pipe	CCI	Component# 103132160001	N/A	1SI06AB-24"	2006	installed	NO
l								
								,
7.	Description	of Work Re	emoved End Bel	ll, installed suc	tion pipe collar per	EC 3565	69	
8.	Test Condu	cted: Hydros Other		neumatic	Nominal Opera	•		mpt ⊠ ₽F

9.	Remarks	WO# 00890987-14, ir from the bill of materia		s a non-code item, the listed component number i
		Hom the on or materia	Applicable Manufacturer's I	Data Reports to be attached
			OFFICIAL OF ONLY	
_			CERTIFICATE OF COM	
	certify that the tide, Section >		the report are correct and the	is conforms to the requirements of the ASME
Тур	e Code Sym	ibol Stamp	No	ot Applicable
• •	•	thorization No.		Not Applicable
	(1)	arid a Sibre	RRR COORNINATO	
- · - ·			Owner's Designee, Title	
		CERT	IFICATE OF INSERVICE	INSPECTION
I,	, the undersi	gned, holding a valid co	ommission issued by the Na	tional Board of Boiler and Pressure
V	/essel Inspe	ctors and the State or F	Province ofIllinois	and employed by HSB CT
0	f Hartford	d, CT have inspected	I the components described	in this Owner's Report during the period
•	5/15/106	to 12/11/06	•	est of my knowledge and belief,
tĺ	ne Owner ha	s performed examination		easures described in this Owner's
		•	ements of the ASME Code,	
	•	•	•	makes any warranty, expressed or
			· · · · · · · · · · · · · · · · · · ·	described in this Owner's Report.
	•	•		ele in any manner for any personal
		•	• •	
ır	ijury or prop	erty damage of a loss of	•	onnected with this inspection.
	SUM	Mosa	Commissions	166-1254
_	_	Inspector's Signature		National Board, State Province, and Endorsements
D)ate: <i>_</i>	<i>C. //</i> , 20	06	

DOCUMENT NO.:	3.2		REV. NO.:	0

Owner E	xeion Nuclear		[Date <u>9/16/06</u>			
4300 Winfie	Nam I id Road, Warrenvi		5	Sheet 1	o	ıf 1	
	Addre	SS				•	
Plant B	yron Nuclear Powe Nam		(Jnit <u>01</u>			····
4450 N. Ger	nam man Church Road		٧	Work Order No. 0	0908949-	01 & -14	
	Addre					O. No., Job No., etc).
Work Perfor	med by NPS &	k W VENTURE	Т	ype Code Symbol	Stamp	Not Applical	ble
	Nar	ne	_ /	Authorization No.	Not A	oplicable	
36400 S. Es	sex Road, Wilming		E	Expiration Date	Not App	licable	
	Addre	SS					
Identification	of System SI-	SAFETY INJECT	<u> </u>	1974 Ed/S75 Pipin			
(b) Applical (c) Section	ble Construction Co ble Edition of Sectio XI Code Case(s) of Components	n XI Used for Re	ction III	19 <u>71</u> Edition, <u>W</u> 7	2 Addeno		ode Case ddenda
Identification	TO Components					_	
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No
" Check Valve	Kerotest/Flowserve Corp.	S/N: KYA1-7	7752	1SI8819B	1975	Removed	YES
" Check Valve	Kerotest/Flowserve Corp.	S/N: US6-11 /	21440	1SI8819B	1978	installed	YES
" Pipe, Sch. 160	Sandvik Inc.	HT# 462460	N/A	1SI18FB/1SI18EB	1977	Removed	NO
" Pipe, Sch. 160	Kerotest/Flowserve (Sanyo Steel)	HT# 805256	N/A	1SI18FB/1SI18EB	1997	Installed	NO
"-1500# Sch.160 Orifice Flange	G+W Taylor Bonney Div	HT: HK584 1	N/A	Mech. Joint# 31A	1980	Removed	NO
"-1500# Sch.160 Orifice Flange	Consolidated Power Supply	HT: 34811 ′	N/A	Mech. Joint# 31A	2006	Installed	NO
						<u> </u>	
Description o	f Work REPLAC	CE CHECK VAL	VE, PIPE	STUBS, AND 2"-1	500# Flan	nge-SCH. 160 B	ore
Test Conduc	ted: Hydrostatic		atic 755 / 223	Nominal Operatir	•	ıre ⊠ Exen 90 / 108 ੂ ਪ	npt 🗌

9. Remarks <u>WO# 00908949-01 and</u>	WO 00908949-14 (Pre-Fabrication Work).
	pplicable Manufacturer's Data Reports to be attached
NOTE: Installed valve with pipe stu	bs was supplied as an assembly by Flowserve Corp as documented
In the attached NR-1 Form.	
<u> </u>	ERTIFICATE OF COMPLIANCE
-	e report are correct and this conforms to the requirements of the ASME
Code, Section XI.	
ype Code Symbol Stamp	Not Applicable
ertificate of Authorization No.	Not Applicable
igned	RRR Coord Date 11/30, 20 06
Owner or On	wner's Designee, Title
I, the undersigned, holding a valid com Vessel Inspectors and the State or Pro	
4/15/06 to 11/30/06	he components described in this Owner's Report during the period, and state that to the best of my knowledge and belief,
the Owner has performed examination	ns and taken corrective measures described in this Owner's
Report in accordance with the requirer	ments of the ASME Code, Section XI.
By signing this certificate neither the In	nspector nor his employer makes any warranty, expressed or
implied, concerning the examinations a	and associative association and associated in this Council Donald
	and corrective measures described in this Owner's Heport.
Furthermore, neither the Inspector nor	and corrective measures described in this Owner's Heport. This employer shall be liable in any manner for any personal
	•
	his employer shall be liable in any manner for any personal
	his employer shall be liable in any manner for any personal any kind arising from or connected with this inspection.
injury or property damage or a loss of a	this employer shall be liable in any manner for any personal any kind arising from or connected with this inspection. Commissions /// / 154 National Board, State Province, and Endorsements

POOR QUALITY ORIGINAL WO OO908949-01/14

FORM NR-1	REPORT OF REPAIR TO NUCLEAR COM						ACEME	NI(S)
1. Work performs	dbyFlowserv			P	.0.	#367072;		
701First	Street, Willi	amsport, Pl	17701			(RO.	na, jeb na, si	
2. Owner Commo	nwealth Ediso	n Company) 			····		
P.O. Box	767, Chicago,	IL 60690				····	·	
3. Name, address	and identification of m	nden) claur power plant	Byron	Muclear	Sta	tion		
	rean Church Re	oed. Byron.	IL 610	10				
4. System	repaired, modified or		15004 Y-	Globe Cl	heck	Valva		
	endecturer Kerote					YALIS		
★ c: Identifying:		N/A			N.	/A	197	R
• •	(mirronton) n Code ASME III	(Nert St. No.) 1974	Summer		fesh M	wr)	() (
	(many/methos/division)	(military)	(nitte	-1210 - 4)	(Carlo	}	(Code C	}}
	ion XI applicable for in	•	(militari)					
7. ASME Code Sect	ion XI used for repairs,	modifications, or	replacements	1974	E	Summer 19		VÄ
S. Construction Co.	le used for sepains, mo	fifications, or repi	acumento:	H/A		T/A	Kort C	
e Dudon sommelle	Flowserve	Corp.		inditionj		(addrada)	(Code Co	
	hydrostatic X press			5	500	pei Code C	`man(e)	H/A
		CERTIFICATE	OF COMPL	IANCE				
replacement of the Code "NR" rules.	SignedFlows	n No. NR44	n XI of the A	SME Code as	nd to ti		erd Inspe \$_2001	ection
	(autho s	l repuir organization)			indroj		(nida)	
		CERTIFICATE						1
^	holding		•					
	icata of competency iso 1108 Insurance			Boston.		an	d employ	. 1
	modification or replace					79 -	state that	_have
	s and belief, this repair							
f the ASME Code as	d the National Board I	nupection Code "?	VR" rules.	·	=			1
	cate, neither the under							
	this report. Furthermo						ny sveren	er for
ny personal injury, p	roperty damage or tra	any hife and	•			-		. 1
19_12 LL 19_1	Signet Charl	es Poste	-	Commissio	NS :	nnsylvan (National Board for	سيسير بيدارهه ا	1
	CHEET	- igang	12			andjuladidas, mi	m&.}	

899-00586

1. Owner _	Exelon Nuclear			Date <u>9/15/06</u>				
4300 Wint	Na ield Road, Warren	me ville. IL		Sheet 1		of 1		
	Add	ress						
2. Plant _	Byron Nuclear Pov Na			Unit 1				
4450 N. G	erman Church Ros			Work Order No.				
	Add			Hepair Or	ganization,	P.O. No., Job No., e	erc.	
3. Work Perf		& W VENTURE		Type Code Symbol Stamp Not Applicable				
36400 S. I	יי Essex Road, Wilmi	ame ngton, IL 60481		Authorization No. Expiration Date		Applicable oplicable		
	Add	ress		•				
4. Identificati	on of System _S	I-SAFETY INJECT	TION					
5. (a) Applica	ble Construction Code (Chk VIv) ASME Sec	tion III	19 71 Edition, W	/72 Adde	nda, <u>None</u>	Code Case	
• •	ble Construction Code (I			19 74 Edition, S			A -d -d -c -c -d -c	
` ' ' '	cable Edition of Section XI Code Case(s)		pair/He	placement Activity	2001	Edition / 2003	Адаепаа	
, ,	on of Components		· · · · · · · · · · · · · · · · · · ·					
							ASME	
			National			Corrected, Removed, or	Code Stamped	
Name of Component	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	Installed	(Yes or No)	
2" Check Valve	Kerotest/Flowserve Corp.	S/N: US6-2	21438	1SI8819C	1978	Removed	YES	
2" Check Valve	Kerotest/Flowserve Corp.	S/N: E-467P-1-6	N/A	1SI8819C	1999	Installed	YES	
2" Pipe, Sch. 160	Sanyo Steel	HT: 805256	N/A	1SI18EC/1SI18FC	1997	Removed	NO	
2" Pipe, Sch. 160	Consolidated Power Supply	HT: 505112 ~	N/A	1SI18EC/1SI18FC	2006	Installed	NO	
2"-1500# Sch.160 Orifice Flange	G+W Taylor Bonney Division	HT: HK584	N/A	Mech. Joint# 26A 1500# Flange	1980	Removed	NO	
2"-1500# Sch.160 Orifice Flange	Consolidated Power Supply	HT: 479YNE -	N/A	Mech. Joint# 26A 1500# Flange	2002	Installed	NO	
7. Description				, and 2"-1500# Fla				
Task-01 in	stalls assembly into	the system, Task-	09 weld	ed piping to Chk. V	lv., Task-	14 welded Flan	ge To Pipe.	
8. Test Cond	<u> </u>	c 🗌 Pneuma	atic 🗌	Nominal Opera	ting Pres		empt 🗌	
	Other 🗌	Pressure	755 / 22	235 psi Test	Temp	90 / 108	٥F	
Note: Suppleme	ntal sheets in form	of lists, sketches, o	r drawin	as mav be used. p	rovided (1) size is 8½ in.	x 11 in (2)	

9.	Remarks	WO# 0090895			9 and 14 (Pre-Fabrication Work). Data Reports to be attached
			CERTI	FICATE OF COMI	PLIANCE
1	certify that t	ne statements m	ade in the repo	ort are correct and th	nis conforms to the requirements of the AS
od	de, Section >	a.			
уp	e Code Sym	ibol Stamp		No	ot Applicable
)er	tificate of A	uthorization No.			Not Applicable
igr	ned	m DM	- RRR	Coorl	Date <u>II/24</u> , 20 <u>0</u>
			CERTIFICAT	E OF INSERVICE	E INSPECTION
	· ·	•			ational Board of Boiler and Pressure
١	Vessel Inspe	ectors and the Sta	ate or Province	of <u>Illinois</u>	and employed by HSB CT
C	of Hartfor		• / -	•	I in this Owner's Report during the period
_	6/15/06		7		est of my knowledge and belief,
		•			easures described in this Owner's
	•		•	of the ASME Code,	•
			•	• •	makes any warranty, expressed or
	•	•			described in this Owner's Report.
		•		• •	ole in any manner for any personal
İI	njury or prop	erty damage or	a loss of any ki	-	onnected with this inspection.
	- GU	nallell		_ Commissions	126-1254
	_	Inspector's Signatur			National Board, State Province, and Endorsemer
	Date:	NOV. 30	, 20 <u>_06</u>	<u>.</u>	

DOCUMENT NO.:	4-1	REV. NO.: 0	

1.	Owner	Exelon Nuclear			Date 9/26/06	3				
	4300 Win	ifield Road, Wari	Name renville. IL		Sheet	1	of	2		
•		Α	ddress						•	
2.	Plant	Byron Nuclear I	Power Station Name		Unit 01	<u> </u>				
	4450 N. German Church Road, Byron, IL				Work Order No. 00957225-01/03					
-			ddress	Repair Organization, P.O. No., Job No., etc.						
3.	Work Performed by Byron Mechanical Maintenance				Type Code Symbol Stamp Not Applicable					
	Name				Authorization No. Not Applicable					
-	4450 N. German Church Road, Byron, IL Address				Expiration Date Not Applicable					
4.	4. Identification of System SI – SAFETY INJECTION 1986 Edition, No Addenda (Valve)									
5.	(a) Applicable Construction Code ASME Section III 19 74 Edition, S75 Addenda, NONE Code Case									
J.	(a) Applicable Construction Code ASME Section III 19 74 Edition, 375 Addenda, NONE Code Case (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Edition/2003 Addenda									
	(c) Secti	on XI Code Case	(s) NONE	<u> </u>	·	·				
6.	Identificat	ion of Component	ts							
	Name of	Name of	Manufacturer	National Board	Other	Year	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)		
	Component	Manufacturer TALLED ON 24" B	Serial No.	No. 15101B-24"	(Speed SI-14-1)	Built	<u> </u>		1	
	1-1/2"	Energy &	HT# GP70	r	CAT ID #1416698	0000	WOT41 - 5D		1	
	OCKOLET	Process Corp.		N/A	1SIK3AA-1 ½"	2006	INSTALLED	NO		
1.	-1/2" PIPE	Consolidated Power Supply	HT.# 8223J -	N/A	CAT ID #1226372 1SIK3AA-1 ½"	2001	INSTALLED	NO		
	1/2" GATE VALVE	Flow Serve	ET550-9-3	N/A	CAT ID #1416683 1SI126A	1993	INSTALLED	YES		
	/2" S.W.R.F FLANGE	. Chicago Tube & Iron	HT# AMBQ /	N/A	CAT ID #19984 1SIK3AA-1 ½"	1987	INSTALLED	NO		
	1/2" BLIND FLANGE	Energy & Process Corp.	HT.Code C5656	N/A	CAT ID #37922 1SIK3AA-1 ½"	2000	INSTALLED	NO		
SC	13 X 3" CAI REWS (4)	Products	HT.# USY06420	N/A	CAT ID #23225 1SIK3AA-1 ½"	2003	INSTALLED	NO		
	13 HVY HE NUTS (4)	X Nova Machine Products	Ht #B87035 Code: K135	N/A	CAT ID #37027 1SIK3AA-1 ½"	2004	INSTALLED	NO		
7. Description of Work Install Two Vent Valve/Pipe Spools On Si Supply Header Per Ec# 362644										
3. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt										
		Other [_			st Temp.		%E . —		
lote: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 816 in, v. 11										

DOCUMENT NO.:	4-1	REV. NO.: 0

FORM NIS-2 SUPPLEMENTAL SHEET

1.	Owner	Exelon N	luclear		Date	9/26/06	<u> </u>			
			Name							
	4300 Wint	field Road,	Warrenville, I	L	Sheet		2	of	2	
			Address							
2.	Plant	Byron N	uclear Powei	Station	Unit	01				
			Name		•					
	4450 N. G	erman Chu	rch Road, By	ron, IL	Work	Order No	009572	225-01/	03	
			Address			Repai	r Organizati	on, P.O. I	No., Job No., etc.	
3.	Work Perf	ormed by	Byron Med Maintenan		Type	Code Sym	nbol Stam	р 1	Not Applicable	
			Name		Autho	rization N	o. No	t Appli	cable	
	4450 N. G	erman Chu	rch Road, By	ron, IL	Expira	tion Date	Not	Applica	able	
			Address							
4.	Identification	on of Systen	n SI - SA	FETY INJECT		ition No.	Addenda ((Valva)		
						•		•		
5.	` ' ' '			Section III	_					
				Utilized for Rep	pairs or Repl	acement	Compone	nts <u>2</u>	001 Ed/2003 Ad	
	` '	n XI Code C		None						
6.	Identification	on of Compo	onents Repair	ed or Replaced	and Replac	ement Co	mponent	S		-

						Corrected,	ASME Code
			National			Removed, or	Stamped
Name of	Name of	Manufacturer	Board	Other	Year	Installed	(Yes or
Component	Manufacturer	Serial No.	No.	Identification	Built	<u> </u>	No)
VENT LINE INSTA	LLED ON 24" ST	ND PIPÉ- 18101B-	24" (Spool	SI-14-4)			
1-1/2"	Energy &	HT# GP70 _	N/A	CAT ID #1416698	2006	INSTALLED	NO
SOCKOLET	Process Corp.		IV/A	1SI3AB-1 1/2"	2006	INSTALLED	NO
1-1/2" PIPE	Consolidated	HT.# 8223J	N/A	CAT ID #1226372	2001	INSTALLED	110
	Power Supply	İ	N/A	1SI3AB-1 ½"	2001	INSTALLED	NO
1-1/2" GATE	Flow Serve	ET550-9-10 -	N/A	CAT ID #1416683	1993	INSTALLED	YES
VALVE	·		IVA	1SI126B	1993	INSTALLED	150
1-1/2" S.W.R.F.	Chicago Tube &	HT# AMBQ /	N/A	CAT ID #19984	1987	INSTALLED	NO
FLANGE	Iron		19/4	1SI3AB-1 1/2"	1907	INSTALLED	NO
1-1/2" BLIND	Energy &	HT.Code C5656	NI/A	CAT ID #37922	2000	INCTALLED	20
FLANGE	Process Corp.		N/A	1SI3AB-1 1/2"	2000	INSTALLED	NO
1/2"-13 X 3" CAP	Nova Machine	HT.# USY06420	N/A	CAT ID #23225	2003	INSTALLED	110
SCREWS (4)	Products	-	IVA	1SI3AB-1 1/2"	2003	INSTALLED	NO
1/2"-13 HVY HEX	Nova Machine	Ht #B87035 _	N/A	CAT ID #37027	0004	INOTALLED	10
NUTS (4)	Products	Code: K135	N/A	1SI3AB-1 1/2"	2004	INSTALLED	NO
ļ			1	ľ			

Homano	CE the undersigned, holding a value seel Inspectors and the State Hartford, CT have inspected by the company of the company o	Applicable Manufacturer's Data	a Reports to be attached
		CERTIFICATE OF COMPLI	ANCE
I certify that th	ne statements mad	e in the report are correct and this o	conforms to the requirements of the ASME
ode, Section X	(1.		
pe Code Sym	bol Stamp	Not A	Applicable
rtificate of Au	thorization No.	No	t Applicable
gned A	1 SAA	RRR Ceech	Date <u>11/2る</u> , 20 <i>0</i> (
			- ···· 11/ DU - · · · · · ·
	(Own		
	W	ne or Owner's Designee, Title	
	T) (m		
I. the undersi	CI	end or Owner's Designee, Title	ISPECTION
	CI gned, holding a val	ERTIFICATE OF INSERVICE IN	ISPECTION nal Board of Boiler and Pressure
Vessel Inspe	CI gned, holding a val ctors and the State	ERTIFICATE OF INSERVICE IN lid commission issued by the Nation or Province of Illinois	ISPECTION nal Board of Boiler and Pressure and employed by HSB CT
Vessel Inspe	CI gned, holding a val ctors and the State	ERTIFICATE OF INSERVICE IN lid commission issued by the Nation or Province of Illinois ected the components described in	ISPECTION nal Board of Boiler and Pressure and employed by HSB CT this Owner's Report during the period
Vessel Inspector Hartford	gned, holding a val ctors and the State d, CT have inspe-	ERTIFICATE OF INSERVICE IN lid commission issued by the Nation or Province of Illinois ected the components described in and state that to the best	ISPECTION nal Board of Boiler and Pressure and employed by HSB CT this Owner's Report during the period of my knowledge and belief,
Vessel Inspector Hartford 4/32/06 the Owner ha	gned, holding a val ctors and the State d, CT have inspe- to ///27 as performed exam	ERTIFICATE OF INSERVICE IN lid commission issued by the Nation or Province of Illinois ected the components described in and state that to the best inations and taken corrective meas	ISPECTION nal Board of Boiler and Pressure and employed by HSB CT this Owner's Report during the period of my knowledge and belief, ures described in this Owner's
Vessel Inspector Hartford 4/32/06 the Owner has Report in accordance.	gned, holding a value of the state of the st	ERTIFICATE OF INSERVICE IN lid commission issued by the Nation or Province of Illinois ected the components described in and state that to the best inations and taken corrective meas equirements of the ASME Code, Se	ISPECTION nal Board of Boiler and Pressure and employed by HSB CT this Owner's Report during the period of my knowledge and belief, ures described in this Owner's ection XI.
Vessel Inspector of Hartford 4/33/06 the Owner has Report in according to the control of the con	gned, holding a val ctors and the State d, CT have inspe- to // 27 as performed exam cordance with the re- is certificate neither	ERTIFICATE OF INSERVICE IN lid commission issued by the Nation or Province of Illinois ected the components described in and state that to the best inations and taken corrective meas equirements of the ASME Code, Ser the Inspector nor his employer ma	ISPECTION nal Board of Boiler and Pressure and employed by HSB CT this Owner's Report during the period of my knowledge and belief, ures described in this Owner's action XI. akes any warranty, expressed or
Vessel Inspector of Hartford 4/32/06 the Owner has Report in according to implied, conciliation of the con	gned, holding a valuation and the State d., CT have inspector have inspector as performed example and a cordance with the relies certificate neither the relies of the examinal stress that he cordance with the relies of the examinal stress that he cordance with the relies of the examinal stress that he cordance with the relies of the examinal stress that he cordance with the examinal stress that he cordance with the cordanc	ERTIFICATE OF INSERVICE IN lid commission issued by the Nation or Province of Illinois ected the components described in and state that to the best inations and taken corrective measing equirements of the ASME Code, Ser the Inspector nor his employer mations and corrective measures des	ISPECTION nal Board of Boiler and Pressure and employed byHSB CT this Owner's Report during the period of my knowledge and belief, ures described in this Owner's action XI. akes any warranty, expressed or cribed in this Owner's Report.
Vessel Inspector of Hartford 4/33/06 the Owner has Report in according the implied, concertification for the truthermore,	gned, holding a value of the state of the st	ERTIFICATE OF INSERVICE IN lid commission issued by the Nation or Province of Illinois ected the components described in and state that to the best inations and taken corrective meas equirements of the ASME Code, Se the Inspector nor his employer meations and corrective measures destor nor his employer shall be liable in the components of the ASME Code, Se the Inspector nor his employer shall be liable in the components of the ASME Code, Se the Inspector nor his employer shall be liable in the components of the ASME Code, Se the Inspector nor his employer shall be liable in the components of the ASME Code, Se the Inspector nor his employer shall be liable in the components of the ASME Code, Se the Inspector nor his employer shall be liable in the components of the ASME Code, Se the Inspector nor his employer shall be liable in the components of the ASME Code, Se the Inspector nor his employer shall be liable in the components of the ASME Code, Se the Inspector nor his employer shall be liable in the components of the ASME Code, Se the Inspector nor his employer shall be liable in the components of the ASME Code, Se the Inspector nor his employer measures described in the components of the ASME Code, Se the Inspector nor his employer measures described in the components of the Inspector nor his employer measures described in the components of the Inspector nor his employer measures described in the Inspector nor his employer measures described in the Inspector nor his employer measures described in the Inspector nor his employer	ISPECTION nal Board of Boiler and Pressure and employed by HSB CT this Owner's Report during the period of my knowledge and belief, ures described in this Owner's ection XI. akes any warranty, expressed or cribed in this Owner's Report. in any manner for any personal
Vessel Inspector of Hartford 4/33/06 the Owner has Report in according the implied, concertification for the truthermore,	gned, holding a value of the state of the st	ERTIFICATE OF INSERVICE IN lid commission issued by the Nation or Province of Illinois ected the components described in and state that to the best inations and taken corrective measurements of the ASME Code, Ser the Inspector nor his employer mations and corrective measures destor nor his employer shall be liable it oss of any kind arising from or connective measures of any kind arising from or connective measures of any kind arising from or connective measures.	ISPECTION nal Board of Boiler and Pressure and employed byHSB_CT this Owner's Report during the period of my knowledge and belief, ures described in this Owner's ection XI. akes any warranty, expressed or cribed in this Owner's Report. in any manner for any personal ected with this inspection.
vessel Inspector of Hartford 4/32/06 the Owner has Report in according to the By signing this implied, concontraction for thermore, injury or proposition.	gned, holding a value of the state of the st	ERTIFICATE OF INSERVICE IN lid commission issued by the Nation or Province of Illinois ected the components described in and state that to the best inations and taken corrective measurements of the ASME Code, Ser the Inspector nor his employer mations and corrective measures destor nor his employer shall be liable it oss of any kind arising from or connictions.	ISPECTION nal Board of Boiler and Pressure and employed by HSB CT this Owner's Report during the period of my knowledge and belief, ures described in this Owner's ection XI. akes any warranty, expressed or cribed in this Owner's Report. in any manner for any personal

DOC UMENT NO.:	7.0	REV. NO.: 0	

1.	Owner _	Exelon Nuclea			Date <u>9/21/06</u>			
	4300 Wini	field Road, Wa	Name rrenville, IL		Sheet 1		of 1	
			Address		<u> </u>			•
2.	Plant _	Byron Nuclear	Power Station Name		Unit 01			
	4450 N. G		Road, Byron,	<u> </u>	Work Order No.			
			Address		Repair O	rganization,	P.O. No., Job No.,	etc.
3.	Work Perf	ormed by N	IPS&W VENT	<u> URE</u>	Type Code Symb			able
	36400 S. E	Essex Road. W	Name /iimington , IL 6	0481	Authorization No. Expiration Date		Applicable oplicable	
	00-100-01-		Address		Expiration bate			
4.	Identification	on of System	ESSENTIAL	WATER (SX)			
5.	(a) Applic	able Constructi	ion Code ASI	ME Section III	19 74 Edition, S	375 Adde	nda, 1702 1773	Code Case
				for Repair/Re	placement Activity	2001	Edition / 2003	Addenda
6	V . N	on XI Code Cas	` '					
6.	igenincau	on of Compone	nis	,				
							Corrected,	ASME Code
	Name of	Name of	Manufacturer	National Board	Other	Year	Removed, or Installed	Stamped (Yes or No)
	component	Manufacturer	Serial No.	No.	Identification	Built		(100 01,110)
Butte	rfly Valve	Jamesbury	ND-48858-11A	N/A	1SX143A	1978	REMOVED	YES
3utte	rfly Valve	ENERTECH	11534	N/A	1SX143A	2006	INSTALLED	YES
	***************************************					:		
	<u> </u>						·	<u> </u>
	····							
						<u> </u>		
7.	Description	of Work R	EPLACE VALVI	E PER EC 775	80			
, D	Toot Condi	iotodi Usidas	etetie [7]	Doumetic [7]	Naminal Once	tina Dra-	ouro 🖾 🕞	
В.	Test Condu	•		Pneumatic	-	-		empt 🗌
		Other	Pressur	re <u>97</u>	psi Test	Temp	63	٥F
lote	: Supplemer	ntal sheets in fo	orm of lists, sket	ches, or drawir	ngs may be used, p	rovided (1) size is 8½ in.	x 11 in., (2)

9. Hemarks _	work Order No.			
		Applicab	ie Manufacturers i	Data Reports to be attached
		CERTIF	ICATE OF COM	PLIANCE
I certify that the	statements mad	e in the repor	t are correct and th	nis conforms to the requirements of the ASM
Code, Section XI	•	•		•
Type Code Symb	ol Stamp		No	ot Applicable
Certificate of Auth	•			Not Applicable
Signed	~ 500	KT RI	RR Coord	Date [(/7] , 20 06
——————————————————————————————————————	(Own	ner or Owner's D		11/3/
`	<u>س</u> س		g,	
				
	Ci	ERTIFICATE	E OF INSERVICE	E INSPECTION
I, the undersig	ned, holding a va	lid commissio	n issued by the Na	ational Board of Boiler and Pressure
Vessel Inspect	tors and the State	or Province	of Illinois	and employed by HSB CT
of Hartford,	CT have inspe	cted the com	ponents described	in this Owner's Report during the period
2/1/06	to ///82/	06 and	d state that to the b	pest of my knowledge and belief,
the Owner has	performed exam			easures described in this Owner's
	•		of the ASME Code	
•		•		makes any warranty, expressed or
		•	• •	described in this Owner's Report.
•	•			ble in any manner for any personal
	•		, ,	onnected with this inspection.
	Mull	200 O. G., y	Commissions	161-1254
	nspector's Signature			National Board, State Province, and Endorsements
	4	, 20 06		· · · · · · · · · · · · · · · · · · ·
Date.	WV. OLF	, 20 00		

1.		r Exelon Nuc	Name		Date <u>8/2/05</u>				
	-		/arrenville, II. 6 Address						
i	Plant	Byron Nuclea	ar Power Statio	<u>n</u>	Unit <u>01</u>				
	4450	N. German Ch	Name urch Road, Byr	on, II.	Work Order No. 00	603161-	01		
		-	Name		Repair Organization, P.O. No., Job No., etc. Ince Type Code Symbol Stamp Not Applicable Authorization No. Not Applicable				
			urch Road, Byr Address		Expiration Date N	ot Applic	cable		
	Identif	ication of Syste	em_ESSENTIAL	_ SERVICE WA	TER [SX]				
	(a) Ap	oplicable Const	ruction Code Se	ection III 1977	Edition, W78 Ad	denda <u>,N</u>	/A	_ Code Cas	
	(c) Ap	pplicable ASME	Section XI Cod	e Cases: N	irs or Replacement one nd Replacement Co	·			
	me of	Name of	Manufacturer	National Board	Other	Year	Repaired, Replaced,	ASME Code; Stamped	
	METER	Manufacturer SEM Tec Inc. Carpenter Tec.	Serial No. 80-52894-4-29	N/A	1SX2165A	1981	or Replacement REPLACED	NO ·	
	METER	ITT Industries	S/N 746462-1-2 HT: 718053-21	N/A	1SX2165A	2004	REPLACEMENT	NO	
	Descrip	otion of Work_R	EBUILD VALVE	REPLACE BA	LL				
		onducted: Hydi	rostatic 🔲 Pne	eumatic 🔲 No	minal Operating Pre	essure [
	• •		er 🔲 Pre	ssure	psi Test Temp			F	
	Note: S	Supplemental sl	neets in form of	lists, sketches,	or drawings may be	used, pr	ovided (1) size is	s 8-1/2 in. x 1	

This form has been electronically generated.

RemarksWO# 00603161-01
Applicable Manufacturer's Data Reports to be attached
 CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules of
the ASME Code, Section XI.
Type Code Symbol Stamp Not Applicable
Certificate of Authorization No. Not Applicable Expiration Date Not Applicable
Expiration bate 19 rest Applicable
Signed Date 8/12 ,20 05
Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
Inspectors and the State or Province of Illinois and employed by HSB CT. of Hartford, CT have inspected the components described in this Owner's
Report during the period CIIIOS to 8/2/05 , and state that to the best of
my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the
Owner's Report in accordance with the requirements of the ASME Code, Section XI.

1.	Owner	Exelon Nu			Date _1/6/06			
	4300 W	infield Road, W	Name arrenville, IL 60	555	Sheet 1		of 1	
•			Address				-	
2.	Plant	Byron Nuc	lear Power Stat Name	ion	Unit 00			
	4450 N.	German Churc	h Road, Byron,	IL 61010	Work Order No.			
			Address		Repair Or	ganization,	P.O. No., Job No., e	etc.
3.	Work Pe		Byron Mechanio Maintenance	cal	Type Code Symbo	·	NOT APPLICA	ABLE
	4450 N.	German Churci	Name h Road, Byron, i	IL 61010	Authorization No. Expiration Date		Applicable oplicable	
•			Address		Expiration Date			
4.	Identifica	ation of System	ESSENTIAL	SERVICE WAT	TER [SX]			
5.		olicable Constructure			74 Edition, S/76 or Replacement Co			Code Case
6	` '	tion XI Code Cas		None Perlaced and	Replacement Com	nononto		
6.		ation of Compone	ents Repaired or	Replaced and	Replacement Com	ponents		·
1	me of	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CHEC		ANDERSON GREENWOOD	B386	N/A	0SX143B	1978	Replaced	YES
CHEC		ANDERSON GREENWOOD	97-61040	N/A	Cat id 35908 0SX143B	1998	Replacement	YES
<u> </u>			ĺ					
							<u> </u>	
					·		·	
7.	Description	on of Work R	EPLACE CHECK	K VALVE	······································	·		
	T = =4 O	disabada 11. d	-1-4:- []	D		-10	: D	
8.	Test Cond	ducted: Hydro Other	static Press	Pneumatic sure 22		·	ing Pressure 🗵	N °F

9.	Remarks	WO# 00722701-01		
			Applicable Manufacturer's	Data Reports to be attached
			CERTIFICATE OF COM	PLIANCE
	-	he statements made ME Code, Section XI	in the report are correct and t	this Replacement conform to the repair or replacement
yp	e Code Sym	bol Stamp	N	ot Applicable
er	tificate of Au	thorization No.		Not Applicable
	ned (th 5xa-	RRR Cocl	Date 1/26 , 20 D1
•		(Dwne	or Owner's Designee, Title	
		•		
-				
		CE	RTIFICATE OF INSERVIC	E INSPECTION
١,	, the undersi	gned, holding a valid	I commission issued by the Na	ational Board of Boiler and Pressure
٧	essel Inspe	ctors and the State o	r Province of	and employed by HSB CT
O	f Hartford	I, CT have inspec	ted the components described	d in this Owner's Report during the period
	1/4/06	to 1/30/8	, and state that to the I	best of my knowledge and belief,
tl	77			neasures described in this Owner's
		-	uirements of the ASME Code	
	•	· ·		r makes any warranty, expressed or
				described in this Owner's Report.
	•	-		ble in any manner for any personal
		•	· •	connected with this inspection.
"	مده ایم می این این مدمه ایم ک	Malka.	Commissions	144-1254
	Juen	Inspector's Signature	Commissions	National Board, State Province, and Endorsements
_	_		00 01	
U	ate: 💹	4n. 27, 2	·· _ <i>C/&</i> :	

1.	Owne	r <u>Exelon Nucl</u>			Date 11/08/05			
	4300	Winfleid Rd. W		0555	Sheet 1 of _	1		
2.	Plant	Byron Nuclea	Address or Power Statio	n	•			
		N. German Chu	Name		Work Order No. 00			
			Address			· · · · · · · · · · · · · · · · · · ·	ion, P.O. No., Job No.,	
3.	Work	Performed by_		ical Maintena	nce Type Code Syr	nbol Sta	mp Not Applic	
	4450 i	N. German Chu	Name urch Road, By	ron, II.	Authorization No. No. Expiration Date			
4.		ication of Syste	Address					
5.		-			74 Edition, W75 Adde	nda, NO	ONE Co	de Cases
	(h) Ar	onlicable Edition	of Section XII	Itilized for Ren	pairs or Replacement (Compone	ante 10 80	-
		•		·	•	Joinpoin	Sinto 10 00	
	(c) Ap	plicable ASME	Section XI Coo	le Cases:	None			
6.	Identif	ication of Comp	onents Repaire	ed or Replaced	and Replacement Co	mponen	ts	
Non	ne of	Name of	Manufacturer	National Board	Other	Year	Repaired, Replaced,	ASME Code; Stamped
	ponent	Manufacturer ANDERSON	Serial No.	No.	Identification	Built	or Replacement	(Yes or No)
Check V	alve	GREENWOOD ANDERSON	N26076 S/N:A-120	IN/A	1SX174	1990	Replaced	YES
Check V	alve	GREENWOOD	S/N.A-120	IVA	1SX174	1977	Replacement	1 23
	APPROXIMATE OF	angung an alam terlebengan selekti selekti selekti selekti selekti selekti selekti selekti selekti selekti sel	mangan sa pandarika sa mana kamandan penganan man	garan and a superior and a superior and a superior and a superior and a superior and a superior and a superior	A SERVICE COMMISSION SERVICE S	. e	e e e e e e e e e e e e e e e e e e e	****
 								
7.	Descri	otion of Work_R	EPLACE CHE	CK VALVE.				
3.	Test C	onducted: Hyd	rostatic 🗌 Pn	eumatic 🔲 N	lominal Operating Pre	ssure [⊠.	1
	IVA		er 🗌 Pre	essure 73	psi Test Temp.	72	۰ F	1
	in. x 11 (2) info	in., rmation in items	s 1 through 6 or	n this report is i	s, or drawings may be included on each shee he top of this form.		. ,	s 8-1/2
	T							

This form has been electronically generated.

Remarks_	Work Order No. 00726137-01 Applicable Manufacturer's Data Reports to be attached
Replace	ement check valve was rebuilt under Purchase Order 00403938.
	CERTIFICATE OF COMPLIANCE
We certify	that the statements made in the report are correct and this Replacement conforms to the rules
	TE Code, Section XI. repeir or replacement
· .	Owner of Otomor Abot Assette able
Type Code	Symbol Stamp Not Applicable
Certificate	of Authorization No. Not Applicable Expiration Date Not Applicable
. .	500
Signed	RRR Coord Date 1/25 ,20 OL
	The contraction of the contracti
	CERTIFICATE OF INSERVICE INSPECTION
	rsigned, holding a valid commission issued by the National Board of Boiler and Pressure
	pectors and the State or Province of Illinois and employed by HSB CT.
of Hartford	have inspected the components described in this eport during the period //s/5 to //se/6, and state that to the
	knowledge and belief, the Owner has performed examinations and taken corrective measures
	n the Owner's Report in accordance with the requirements of the ASME Code, Section XI.
	this certificate neither the Inspector nor his employer makes any warranty, expressed or
	ncerning the examinations and corrective measures described in this Owner's Report. e, neither the Inspector nor his employer shall be liable in any manner for any personal injury
	damage or a loss of any kind arising from or connected with this inspection.
SK	Unit (18/1) Commissions 111-1254
	Inspector's Signature National Endorsements
Date /	0. 30, 20 06

2. Pla 44! 3. Wo 44! 4. Ide	DO Winfield Rd. Want Byron Nuclea 50 N. German Chark Performed by 50 N. German Char	Address ar Power Statio Name urch Road, By Address	on	Sheet 1 of <u>1</u> Unit <u>1</u>			
44! Wo 44! Ide	ork Performed by	Name urch Road, By		Unit 1			
44!	ork Performed by_	urch Road, By	ron, II.				
<u>445</u> Ide				Work Order No. 007			
lde	50 N. German Ch			e Type Code Sym	ibol Sta		
lde		Name urch Road, By		Authorization No. <u>No</u> Expiration Date No			
	ntification of Syste	Address		 WATER			
(a)	Applicable Constru	ction Code. Sect	ion III 19 74	Edition, W75 Adder	nda 150	57 & 1682 Code	Cases
• • •							
(D)	Applicable Edition	TO SECTION XI	ounzed for Hepai	rs or Replacement C	ompone	ans 19 89	
(c)	Applicable ASME	Section XI Cod	de Cases:No	one			
4-4-	-116 11	Damain	ad av Danlagad a	ad Dawlacamant Can		_	
idei	ntification of Comp	onents Hepaire	ed or Heplaced a	nd Replacement Con	nponent	S	
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stampe (Yes or No)
ve Disc	Anchor/Darling	HT: A1608 S/N: R2492	N/A	1SX175 S/N E-6220-4-3	1977	Replaced	No No
ve Disc	Flowserve Corp.	HT:B6516 S/N: 2	N/A	1SX175 CAT ID #008188-1	2000	Replacement	YES
	r lowserve corp.	Witt. 2		OAT 1D #000 100-1	2000	Перваселтент	
		1			+		
					 		1
							1
					I .		+
						·	

This form has been electronically generated.

		Applic	cable Manufacturer's Dar	a neports to be attac	neo		
	,					****	
		CERTIFICAT	E OF COMPL	IANCE			
We certify t	nat the statements				eplacemen	conforms	to the rules
	E Code, Section X		•	repair or replac			
Type Code	Symbol Stamp	Not Applicab	le				
					_		
Certificate of	f Authorization No	. Not Applica	ible	Expi	ration Date	Not Appl	icable
Signed	1 500	000	Concd		Date	1/	,20 <i>0 6</i>
Signeu	Company of the compan	Owner's Designee, 1886	Coola		Dale_	1/25	
	OF!	TIFICATE OF	MOEDWOE	IODEOTION			
l the under	GEI signed, holding a v	RTIFICATE OF				and D.a.	
	ectors and the Sta				loyed by F		ssure
of Hartford		te of Frovince		inspected th			ed in this
	port during the pe	riod 10/16	1/05 to	/z z / /	Z		e that to the
	nowledge and be		,, ,	examination	s and taker		
	the Owner's Rep						
By signing the	nis certificate neith	er the Inspecto	or nor his empl	oyer makes a	any warrant	y, expresse	ed or
implied, con	cerning the exami	nations and co	rrective measu	res describe	d in this Ow	ner's Repo	ort.
	, neither the Inspe						
	lamage or a loss						, ,
· · · · · · · · · · · · · · · · · · ·	SINKURIN		Commiss		111.10	154	
77 }	Inspector's Signeture				CHANGE BANK BANK B		
— J	inductor a digitalization			•	Million an Dodru, Suite F	OVINCE, MILL CILLUSOR	INSTRUMENTS

DOCUMENT NO.:	3-1	REV. NO.: 0	
DOCUMENT NO.:	3-1	REV. NO.: 0	

1.	Owner	Exelon Nuclea	ır		Date 9/21/06			
	4300 Win	field Road, Wa	Name rrenville, IL		Sheet 1		of	1
_			Address		•			
2.	Plant _	Byron Nuclea	Power Station Name		Unit <u>01</u>			
	4450 N. G		Road, Byron, I	L	Work Order No.			
			Address		Repair O	rganization,	P.O. No., Job No	., etc.
3.	Work Perf	•	Byron Mechanic Maintenance	al	Type Code Symb	ol Stamp	Not Appi	icable
	4450 11 0	 	Name	•	Authorization No.		Applicable	
	4450 N. G		Road, Byron, I Address	<u> </u>	Expiration Date	NOT A	pplicable	
	l dantificati			lal Camilaa W	nton			
4.		on of System		ial Service Wa			· · · · · · · · · · · · · · · · · · ·	
5.					19 <u>_74</u> _Edition, _V placement Activity:			_ Code Case
		on XI Code Cas		ioi nepaii/ne	piacement Activity.	2001 E	ultion/2003 A	uderida
6.	Identification	on of Compone	nts			-		
	Name of	Name of	Manufacturer Serial No.	National Board	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
DISC	omponent	Manufacturer DRUMMOND McCALL &	MATL. SA-515 GR70	No. N/A	1SX046A S/N 78G720	1978	Removed	NO
DISC		VELAN ENG. LTD.	S/N 4972	N/A	Cat ld 23891 1SX046A	2005	Installed	No
							·	
	,							
				1				
7.	Description	of Work Re	ebuild valve, rep	lace disc				
-								
8.	Test Condu	octed: Hydros Other		neumatic 🗌	Nominal Opera psi Test	-	sure 🗌 E	xempt ⊠ _ °F

9. Re	emarks	Work Order No	. 790200-13		
			Applicable Manufacture	r's Data Report	s to be attached
				······································	
			CERTIFICATE OF CO	MPLIANCE	
I certi	ify that tl	ne statements ma	de in the report are correct ar	d this conforms	s to the requirements of the ASME
	•		,		•
-				Not Applicab	ile
•	•	* ma-a			
	CERTIFICAT tify that the statements made in the report are Section XI. code Symbol Stamp ate of Authorization No. CERTIFICATE OF e undersigned, holding a valid commission issued in the State or Province of the component of the interpretation of the igning this certificate neither the Inspector nor his employed or property damage or a loss of any kind aris	000 00000114770			
yneu	CERTIFICATE OF INSERVICE INSPECTION , the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure //essel Inspectors and the State or Province of Illinois and employed by HSB CT of have inspected the components described in this Owner's Report during the period				
		.92	vior of Owner's Designee, Tide		
		_			
I, the	undersi	gned, holding a v	alid commission issued by the	National Board	d of Boiler and Pressure
Vess	el Inspe	ctors and the Stat	e or Province ofIllino	s and em	nployed by HSB CT
of	Hartford	i, CT have insp	ected the components descri	bed in this Owr	ner's Report during the period
4/1	106	to ///2/	66 and state that to the	e best of my k	nowledge and belief.
the O)wner ha	s performed exam		-	_
		-			
			·	•	· · · · · · · · · · · · · · · · · · ·
•		•			• •
		•	• • •	•	• •
injury	or prop	erty damage or a	loss of any kind arising from (or connected wi	ith this inspection.
<u> </u>	KLAL	Mole	Commission	s <u>i66-</u>	1254
		Inspector's Signature		National B	loard, State Province, and Endorsements
Date:		Nov. 21	.20 06		

DOCUMENT NO.:	4A	REV. NO.: 0

		•	•					
1.	Owner E	xelon Nuclear		<u></u>	Date 10/20/06			
	4300 Winfle	eld Road, War	Name renville IL		Sheet 1		of	1
	4000 17111110		\ddress		<u> </u>		OI	
2.	Plant B	yron Nuclear)	Unit 00			
	4450 N. Gei	man Church	Name Road, Byron,	IL	Work Order No.	0084643	36-01	
			Address				, P.O. No., Job No	o., etc.
3.	Work Perfor		ron Mechanio	cal	Type Code Symb	ol Stamp	Not App	licable
			Name		Authorization No.		Applicable	
	4450 N. Ger	man Church I	Road, Byron, Iddress	<u>IL</u>	Expiration Date	Not A	pplicable	
4.	Identification	of System	SX ESSENT	IAL SERVICE	WATER			
5.					19 <u>74</u> Edition, <u>S</u> eplacement Activity			Code Case
_	` '	XI Code Case	` '					
6.	Identification	of Componen	ts					
	Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
	SCHED 80 2"	N/A	N/A	N/A	0SXA1BA	N/A	REMOVED	NO
PIPE	SCHED 80 2"	Consolidated Power Supply	HT# A82900	N/A	0SXA1BA Cat Id 24507-1	2006	INSTALLED	NO
	<u></u>			·				
								, :
				Ī				
7.	Description o				E SECTION BETWE			\ & OSX169A.
	PIPE WAS P	REVIOUS <u>LY N</u>						
3 .	Test Conduct	_		Pneumatic	•	-		xempt □
		Other [Pressur	e <u>150</u>) psi Test	remp	52	_ *F
	Complements			التنجيبات بتمامية		المساسلينيس	45	

9.	Remarks	WO#00846436-01					
			Applicable	e Manufacturer's	Data Reports to I	oe attached	
							
					· · · · · · · · · · · · · · · · · · ·		
			OFDTIFI	OATE OF COM	DITANCE		
				ICATE OF COM			0145
	-		in the report	are correct and t	nis conforms to the	ne requirements of the A	SME
	de, Section 2						
	e Code Syn	· ———		N	ot Applicable		
		uthorization No.			Not Applicable		
Sigi	ned	P XX	RRR	Cood		Date 11/22 , 20	06
		Owne	r or Owner's De	esignee, Title		,	
		•					
				·			
		CE	RTIFICATE	OF INSERVIC	E INSPECTION		
ı	l, the unders	igned, holding a valid	d commission	n issued by the N	ational Board of E	Boiler and Pressure	
١	Vessei Inspe	ectors and the State	or Province c	of Illinois	and employ	ed by HSB CT	
C	of Hartfor	d, CT have inspec	ted the com	ponents describe	in this Owner's	Report during the period	t
	Alalo6	to //27/	and	state that to the	pest of my knowle	edge and belief.	
_	he Owner h	as performed examir				-	
		cordance with the red					
	•	is certificate neither	•			anty, expressed or	
		perning the examinat	•		-	• •	
	•	, neither the Inspecto				•	
		perty damage or a los		•	•	• •	
	Oz	udlikli.	no or arry min	Commissions	1.1.113	' \1	
_	- JA	Inspector's Signature			National Board.	State Province, and Endorsen	nents
r	Date:	Nov. 27 ,	00 0/-				
L	Jaie	/VVV . X ! , .	-U				

DO CUMENT NO.:	4A	REV. NO.: 0	

		A3 Hequi	ned by the Fi	011010113 01 11	ic Admir doc		A 1	
1.	Owner _E	xelon Nuclea			Date10/13/	06		· · · · · · · · · · · · · · · · · · ·
	4300 Winfi	eld Road, Wa	Name rrenville II		Sheet	1	of	1
			Address					
2.	Plant _E	lyron Nuclear	Power Station Name	<u> </u>	Unit _00			
	4450 N. Ge	rman Church	Road, Byron,	IL	Work Order N	o. 0084649	3-01	
			Address	-	Repa	ir Organization,	P.O. No., Job No	o., etc.
3.	Work Perfo		yron Mechanio Iaintenance	cai	Type Code Sy	mbol Stamp	Not App	licabl e
	· · · · · · · · · · · · · · · · · · ·		Name		Authorization N		Applicable	
	4450 N. Ge		Road, Byron, I Address	<u>L</u>	Expiration Date	Not A	oplicable	
				IAL CEDWICE	WATED			
4.	Identificatio	n of System	SX ESSENT	IAL SERVICE	WAIEH			
5.			on Code ASI					Code Case
		DIE Edition of a	Section XI Üsed e(s) N/A	i for Hepair/Hep	Diacement Activ	πy: <u>2001 E</u>	aition/2003 A	adenda
6.	` '	n of Compone	` '	· · · · · · · · · · · · · · · · · · ·				
•		Name of		National	Others		Corrected, Removed, or	ASME Code Stamped
	Name of Component	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	Installed	(Yes or No)
PIPE	SCHED 80 2"	N/A	N/A	N/A	0SXA1BB	N/A	REMOVED	NO
PIPE	SCHED 80 2*	Consolidated Power Supply	HT# A82900	N/A	0SXA1BB CI# 24507-1	2006	INSTALLED	NO
								:
7.	Description of		EMOVE AND R					3 & OSX169B.
	PREVIOUSL	Y NON-SAFE	TY RELATED.					
В.	Test Conduc	•		Pneumatic	Nominal Op	-		Exempt
		Other	Pressur	e <u>148</u>	psi Te	est Temp	48	_ ºF

	Applicable Manufacturer's Data Reports to be attached
	CERTIFICATE OF COMPLIANCE
I certify that the statements made	e in the report are correct and this conforms to the requirements of the ASMI
ode, Section XI.	
pe Code Symbol Stamp	Not Applicable
ertificate of Authorization No.	Not Applicable
gned & San	RSR Coard Date 11/22 , 20 06
	ERTIFICATE OF INSERVICE INSPECTION lid commission issued by the National Board of Boiler and Pressure
	lid commission issued by the National Board of Boiler and Pressure
I, the undersigned, holding a val Vessel Inspectors and the State of Hartford, CT have inspe	id commission issued by the National Board of Boiler and Pressure or Province of Illinois and employed by HSB CT ected the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief,
I, the undersigned, holding a value Vessel Inspectors and the State of Hartford, CT have inspector to 1/27/2 the Owner has performed examination.	lid commission issued by the National Board of Boiler and Pressure or Province of Illinois and employed by HSB CT ected the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, inations and taken corrective measures described in this Owner's
I, the undersigned, holding a value Vessel Inspectors and the State of Hartford, CT have inspector to Market to Market Name (Market Name) (M	lid commission issued by the National Board of Boiler and Pressure or Province of Illinois and employed by HSB CT ected the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, inations and taken corrective measures described in this Owner's equirements of the ASME Code, Section XI.
I, the undersigned, holding a value Vessel Inspectors and the State of Hartford, CT have inspect to 1/2) the Owner has performed examined accordance with the resulting signing this certificate neither.	lid commission issued by the National Board of Boiler and Pressure or Province of Illinois and employed by HSB CT ected the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, inations and taken corrective measures described in this Owner's equirements of the ASME Code, Section XI.
I, the undersigned, holding a value Vessel Inspectors and the State of Hartford, CT have inspector to 1/27 the Owner has performed examinately signing this certificate neither implied, concerning the examination.	lid commission issued by the National Board of Boiler and Pressure or Province of Illinois and employed by HSB CT exted the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, inations and taken corrective measures described in this Owner's equirements of the ASME Code, Section XI. The Inspector nor his employer makes any warranty, expressed or ations and corrective measures described in this Owner's Report.
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1.			Ao rioquire	a by the riot	.0.0110 01 (.	iio Aqii	ne oodo (50011011	A.	
2. Plant Byron Nuclear Power Station Name 4450 N. German Church Road, Byron, IL Address 3. Work Performed by Byron Mechanical Maintenance Name 4450 N. German Church Road, Byron, IL Address 3. Work Performed by System SX ESSENTIAL SERVICE WATER 5. (a) Applicable Construction Code ASME Section III 19 74 Edition, S75 Addenda, N/A Code Cas (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Edition/2003 Addenda 6. Identification of Components Address Amanufacturer Serial No. No. No. No. No. No. No. No. No. No.	1.	Owner Ex				Date	11/10/06			
Plant Byron Nuclear Power Station Name 4450 N. German Church Road, Byron, IL Address 3. Work Performed by Byron Mechanical Maintenance Name 4450 N. German Church Road, Byron, IL Address 4. Identification of System SX ESSENTIAL SERVICE WATER 5. (a) Applicable Construction Code ASME Section III 19 74 Edition, S75 Addenda, N/A Code Cas (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Editlon/2003 Addenda (c) Section XI Code Case(s) N/A 6. Identification of Components Name of Component Name of Serial No. Name of Serial No. No.		4300 Winfie				Sheet	1		of	1
Address Work Performed by Byron Mechanical Maintenance Name Address Address Type Code Symbol Stamp Not Applicable Not Applic	2	Plant Ru				Linit	00			
Address Repair Organization, P.O. No., Job No., etc. Address Type Code Symbol Stamp Not Applicable Authorization No. Expiration Date Not Applicable Not Applic			N	lame		***				
Nork Performed by Byron Mechanical Maintenance Name Authorization No. Expiration Date Not Applicable Not Applicable	_	4450 N. Ger			-	Work (o., etc.
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3. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐		•	THIS	S PIPE HAS BEE	N CHANGE					& OSX169D.
		PIPE PREVIO	DUSLY WAS NO	ON-SAFETY RE	LATED.					
	3. 7	Test Conduct	_				•	•		-

. Remark	s WO#00846494-0	1	
		Applicable Manufacturer's Data	Reports to be attached
		CERTIFICATE OF COMPLIA	ANCE
I certify tha	at the statements made	e in the report are correct and this c	onforms to the requirements of the ASME
ode, Sectio		·	•
ype Code S	lymbol Stamp	Not A	pplicable
ertificate of	Authorization No.	Not	Applicable
igned	D. Sm	- RRR Cood	Date 11/29 , 20 06
	Owr.	enor Owner's Designee, Title	
	<u> </u>		
		ERTIFICATE OF INSERVICE IN	
	-	id commission issued by the Nation	al Board of Boiler and Pressure
Vessel Ins	spectors and the State	or Province of Illinois	and employed by HSB CT
of Hartf	ord, CT have inspe	cted the components described in the	his Owner's Report during the period
9-4-0	6 to 11.29.	, and state that to the best	of my knowledge and belief,
the Owner	r has performed exami	nations and taken corrective measu	res described in this Owner's
Report in	accordance with the re	equirements of the ASME Code, Sec	ction XI.
By signing	this certificate neither	the Inspector nor his employer mal	kes any warranty, expressed or
implied, co	oncerning the examina	tions and corrective measures desc	cribed in this Owner's Report.
Furthermo	ore, neither the Inspect	or nor his employer shall be liable ir	n any manner for any personal
		ess of any kind arising from or conne	• •
94	ad lilly	Commissions	111.1154
0	Inspector's Signature		National Board, State Province, and Endorsements
Date:	NOV. 29	20 <i>06</i>	

DOCUMENT NO.:	4A	REV. NO	<u> </u>	n	

	O	Turalam Nivalan			Data 40/00/00			
1.	Owner _E	xelon Nuclea	Name		Date 10/20/06	···		
	4300 Winfi	eld Road, Wa	rrenville, IL		Sheet1		of	1
2.	Plant E		Address Power Station	1	Unit 00			
	-		Name					
	4450 N. Ge		Road, Byron, Address	<u> </u>	Work Order No. Repair Or		6-01 P.O. No., Job No	o., etc.
3.	Work Perfo	rmed by B	Syron Mechanio Maintenance	cal	Type Code Symbo	ol Stamp	Not App	licable
			Name	•	Authorization No.		Applicable	
	4450 N. Ge		Road, Byron, Address	<u>L</u>	Expiration Date	Not A	pplicable	
4.	Identificatio	n of System		IAL SERVICE V	WATER			
5.6.	(a) Applica(b) Applica(c) Section	able Constructi	on Code ASI Section XI Used e(s) N/A	ME Section III	19 <u>74</u> Edition, <u>S</u> placement Activity:			Code Case ddenda
	Name of component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
PIPE	SCHED 80 2"	N/A	N/A	N/A	0SXA1BC	N/A	REMOVED	NO
PIPE	SCHED 80 2"	Consolidated Power Supply	HT# A82900	N/A	0SXA1BC CI# 24507-1	2006	INSTALLED	NO
	:							· .
	1							
7.	Description of	TH			SECTION BETWE D TO ASME CL.3			C & OSX169C.
_								-
8.	Test Conduc			Pneumatic	Nominal Opera	-		exempt
		Other	Pressur	e <u>150</u>	psi Test	Temp	52	– ₀Ł

CERTIFICATE OF COMPLIANCE I certify that the statements made in the report are correct and this conforms to the requirements of the ASN code, Section XI. Tope Code Symbol Stamp Not Applicable I certificate of Authorization No. Not Applicable Date 1 2 2 , 20 Of the components of the Not Applicable CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinols and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period of the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions National Board, State Province, and Endorsement	. Remarks	WO#00846496-01
CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions National Board, State Province, and Endorsements		Applicable Manufacturer's Data Reports to be attached
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Not Applicable Pertificate of Authorization No. Repertificate of Authorization No. Report Power of Owner's Designee, Title Date Common of Owner's Designee, Title		CERTIFICATE OF COMPLIANCE
Pre Code Symbol Stamp Province of Authorization No. Rot Applicable Province of Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinols and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions National Board, State Province, and Endorsements	I certify that t	the statements made in the report are correct and this conforms to the requirements of the ASM
CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period of the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions Inspector's Signature National Board, State Province, and Endorsements	ode, Section 2	XI.
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CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period to // 27 /// , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions National Board, State Province, and Endorsements	ertificate of A	uthorization No. Not Applicable
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CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinols and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period to 1/27/16, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions National Board, State Province, and Endorsements		
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implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions Inspector's Signature National Board, State Province, and Endorsements	of Hartfor B/A/06 the Owner h	to, and state that to the best of my knowledge and belief, as performed examinations and taken corrective measures described in this Owner's
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Inspector's Signature Commissions 111-1254 National Board, State Province, and Endorsements	of Hartfor O 4 06 the Owner have the Report in accomplishing the implied, conditions to the conditions of the conditio	to
	of Hartfor b/4/06 the Owner have Report in acc By signing the implied, condi- Furthermore	to //AT//////////////////////////////////
Date: 1/0/ 17 00 0/	of Hartfor Black the Owner has Report in according to implied, conditionally furthermore	to
Date: $Nn/A/.20 nG$	of Hartfor BADE the Owner have Report in acc By signing the implied, condi-	have inspected the components described in this Owner's Report during the period to

DOCUMENT NO.:	4A	REV. NO.: 0
FORM NIS	2 OWNER'S REPORT FOR REF	PAIR/REPLACEMENT ACTIVITY
Ao E	equired by the Provisions of th	a ASME Code Section YI

Owner E	xelon Nuclea			Date <u>10/20/06</u>		 	
4300 Winfie	eld Road, Wai	Name rrenville, il		Sheet 1		of	1
-1000 WILLIA		Address		<u> </u>			
Plant B	yron Nuclear	Power Station		Unit <u>00</u>			
4450 N. Ger	man Church	Name Road, Byron, I	ıL	Work Order No.	0084649	7-01	
1100111 00.		Address	· 			P.O. No., Job No	., etc.
Work Perfor	•	yron Mechanio Iaintenance	al	Type Code Symbo	ol Stamp	Not Appl	licable
		Name		Authorization No.		Applicable	
4450 N. Ger		Road, Byron, I Address	<u>L</u>	Expiration Date	Not A	pplicable	
	•	Address					
Identification (a) Application	•	SX ESSENT		19 74 Edition, S	75 Adde	enda N/A	Code Ca
				placement Activity:			
(c) Section	XI Code Case	e(s) <u>N/A</u>	•	-			
Identification	of Componer	nts					
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No
SCHED 80 2*	N/A	N/A	N/A	0SXA1BE	N/A	REMOVED	NO
SCHED 80 2*	Consolidated Power Supply	HT# A82900	N/A	0SXA1BE Cat Id# 24507-1	2006	INSTALLED	NO
							1

1							
	I		·				
				SECTION RETWE	EN VAL	VES 0SX168E	& OSX16
Description o	<u></u>		BEEN CHANGE	ED TO ASME CL.3	. PER E	C# 357135.	
•	<u></u>		BEEN CHANGE		. PER E	C# 357135.	
•	THE WAS NO	<u>IIS PIPĖ HAS E</u>	ATED				xempt 🔲

CERTIFICATE OF COMPLIANCE I certify that the statements made in the report are correct and this conforms to the requirements of the code, Section XI. Type Code Symbol Stamp Not Applicable Sertificate of Authorization No. Not Applicable Sertificate of Authorization No. Not Applicable Sertificate of Authorization No. Not Applicable Sertificate of Authorization No. Not Applicable Signed CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the pe	
CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the per B/4/06 to 1/18/66, and state that to the best of my knowledge and belief,	
CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the per B/4/06 to 11/8/66, and state that to the best of my knowledge and belief,	
CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the per B/4/06 to 11/8/66, and state that to the best of my knowledge and belief,	
CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the per B/4/06 to 1/1/8/66, and state that to the best of my knowledge and belief,	
CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the per B/4/06 to 1/1/8/66, and state that to the best of my knowledge and belief,	
CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the personal process of the National Board of Martford, CT have inspected the components described in this Owner's Report during the personal process of the National Board of Boiler and Pressure and Martford, CT have inspected the components described in this Owner's Report during the personal process of the National Board of Boiler and Pressure and Martford, CT have inspected the components described in this Owner's Report during the personal process of the National Board of Boiler and Pressure and Martford, CT have inspected the components described in this Owner's Report during the personal process of the National Board of Boiler and Pressure and Martford, CT have inspected the components described in this Owner's Report during the personal process of the National Board of Boiler and Pressure and Martford, CT have inspected the components described in this Owner's Report during the personal process of the National Board of Boiler and Pressure and Martford, CT have inspected the components described in this Owner's Report during the personal process of the National Board of Boiler and Pressure and Martford, CT have inspected the Components described in this Owner's Report during the personal process of the National Board of Boiler and Pressure and Martford, CT have inspected the Components described in this Owner's Report during the personal process of the National Board of Boiler and Pressure and Martford, CT have inspected the Components described in this Owner's Report during the Personal Pressure and Pressure and Pressure and Pressure and Pressure and Pressure and Pressure and Pressure and Pressure and Pressure and Pressure and Pressure and Pressure and Pressure and Pressure and Pressure and Pressure and Pres	
CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the personal process of the province of the prov	e ASM
CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the personal part of the State of the Stat	
CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the personal part of the State of the Stat	
CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period of Illinois and state that to the best of my knowledge and belief,	
CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of	20 <u>DU</u>
CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of	- • <u> </u>
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the personal form of the Illinois and state that to the best of my knowledge and belief,	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the personal belief, and state that to the best of my knowledge and belief,	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period of Illinois and state that to the best of my knowledge and belief,	
Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period to 11/28/06, and state that to the best of my knowledge and belief,	
of Hartford, CT have inspected the components described in this Owner's Report during the period of the components described in this Owner's Report during the period of the components described in this Owner's Report during the period of the components described in this Owner's Report during the period of the components described in this Owner's Report during the period of the components described in this Owner's Report during the period of the components described in this Owner's Report during the period of the components described in this Owner's Report during the period of the components described in this Owner's Report during the period of the components described in this Owner's Report during the period of the components described in this Owner's Report during the period of the components described in this Owner's Report during the period of the components described in this Owner's Report during the period of the components described in the components described i	
8/4/06 to 11/28/66 , and state that to the best of my knowledge and belief,	- riad
	nou
the Owner has performed examinations and taken corrective measures described in this Owner's	
Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or	
implied, concerning the examinations and corrective measures described in this Owner's Report.	
Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal	
injury or property damage or a loss of any kind arising from or connected with this inspection.	
Olumbullu Commissions 1/1-1254	
Inspector's Signature National Board, State Province, and Endo	
V inspector 5 digitates in End	sements

DOCUMENT NO.:	4A	REV. NO.:	0

1.	Owner E	xelon Nuclea	<u>r</u>		Date <u>10/13/06</u>			
	4300 Winfie	eld Road, Wa			Sheet1		of	1
2.	Plant B		Address Power Station		Unit 00			
	4450 N. Ge		Name Road, Byron,	IL .	Work Order No.			o o to
3.	Work Perfo		Address Syron Mechanic	cal	Type Code Symb	•	, P.O. No., Job No. Not App	
J.	VVOIR 1 ENO		laintenance Name		Authorization No.	•	Applicable	
	4450 N. Ge		Road, Byron,	IL .	Expiration Date		pplicable	
4	Idontification	n of System	Address	IAL SERVICE	WATED			
4.		-			19 74 Edition, S	75 Add	anda N/A	Code Case
5.6.	(b) Applica		Section XI Used e(s) <u>N/A</u>		placement Activity:			
C	Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
PIPE	SCHED 80 2*	N/A	N/A	N/A	0SXA1BF	N/A	REMOVED	NO
PIPE	SCHED 80 2*	Consolidated Power Supply	HT# A82900	N/A	0SXA1BF CI# 24507-1	2006	INSTALLED	NO
7.	Description	TH			SECTION BETWE ED TO ASME CL.3			& OSX169F.
				Pneumatic	Nominal Opera	tina Proc	sura M c	Exempt
8.	Test Conduc	Other			•	ung Pres Temp.		£ °F
Note:	: Supplemen				gs may be used, p			

Remarks WO#00846498-01		
	Applicable Manufacturer's Dat	ta Reports to be attached
	CERTIFICATE OF COMPL	IANCE
certify that the statements made	in the report are correct and this	conforms to the requirements of the ASM
de, Section XI.		
pe Code Symbol Stamp	Not /	Applicable
rtificate of Authorization No.		ot Applicable
ined A SO		
	PRR CEORD en or Owner's Designee, Title	Date <u>リ/マー</u> , 20 <u>ム</u>
\mathcal{M}	STOT OWNER & Designee, Title	
CE	ERTIFICATE OF INSERVICE IN	NSPECTION
I, the undersigned, holding a vali	id commission issued by the Natio	onal Board of Boiler and Pressure
Vessel Inspectors and the State	or Province of Illinois	and employed byHSB CT
of Hartford, CT have inspec	cted the components described in	this Owner's Report during the period
8/4/06 to 1/18/	<i>1</i> •	t of my knowledge and belief,
	nations and taken corrective meas	-
•		
•	quirements of the ASME Code, Se	
	the Inspector nor his employer ma	
implied, concerning the examina	tions and corrective measures des	scribed in this Owner's Report.
Furthermore, neither the Inspect	or nor his employer shall be liable	in any manner for any personal
injury or property damage or a lo	ss of any kind arising from or conr	nected with this inspection.
injury or property damage or a lo	ss of any kind arising from or conr Commissions	nected with this inspection. 111-1354
injury or property damage or a lo Signature Inspector's Signature	•	nected with this inspection. 111-134 National Board, State Province, and Endorsements
Inspector's Signature	•	111-1154

DOCUMENT NO.:	4-1	REV. NO.: 0

1. Owner	Exelon Nuclea	ar Name		Date <u>07/27/06</u>			
4300 Win	4300 Winfield Road, Warrenville, IL					of	1
		Address					
2. Plant	Byron Nuclea	r Power Station Name	1	Unit 00			·
4450 N. G	Serman Church	Road, Byron,	IL.	Work Order No.	0090709	92-01	
		Address			, P.O. No., Job No	., etc.	
3. Work Peri	•	Byron Mechanio Maintenance	cal	Type Code Symb	ol Stamp	Not Appl	licable
		Name		Authorization No.	Not	Applicable	WWW.
4450 N. G	erman Church	Road, Byron,	IL	Expiration Date	Not A	pplicable	
		Address					
4. Identificati	ion of System	SX ESSENT	IAL SERVICE	WATER			
(b) Applic (c) Section		Section XI Used e(s) NONE		_19 <u>74</u> Edition, <u>V</u> placement Activity:			
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No
DISC	QUAKER ALLOY CASTING CO.	R3480 HT# A1634	N/A	0SX161A S/N E-6220-4-9	1978	REMOVED	NO
DISC	FLOWSERVE	05320-X664	N/A	0SX161A S/N E-6220-4-9	2006	INSTALLED	NO
NUT, BONNET	NUTS, INC.	HT# X44392	N/A	0SX161A S/N E-6220-4-9	1978	REMOVED	NO
NUT, BONNET QTY. 6	NOVA MACHINE PROD.	HT#B87035 CODE VCF	N/A	0SX161A CAT ID 37029-1	2000	INSTALLED	NO
NUT, BONNET QTY. 2	NOVA MACHINE PROD.	HT# 8077124	N/A	0SX161A CAT ID 37029-1	2000	INSTALLED	NO
STUD, BONNET	R.E.C. CORP.	HT#: X44392	N/A	0SX161A S/N E-6220-4-9	1978	REMOVED	NO
STUD, BONNET	NOVA MACHINE PROD.	HT TR# 230111 HT CODE R345	N/A	0SX161A CAT ID 37092-1	2005	INSTALLED	NO
		EBUILD VALVE		SC, BONNET STU THE VALVE.	IDS & NU	ЛS.	
NEW VALV							
NEW VALV 3. Test Condu	ıcted: Hydros	static 🗌 F	neumatic	Nominal Opera	ting Pres	sure 🔲 E	xempt 🛛

	Арріі	icable Manufacturer's Data Reports to be attached
	· · · · · · · · · · · · · · · · · · ·	
	CER	TIFICATE OF COMPLIANCE
I certify that ti	he statements made in the re	eport are correct and this conforms to the requirements of the ASN
Code, Section >		•
Type Code Sym		Not Applicable
Certificate of A	· ————————————————————————————————————	Not Applicable
Signed	A 500	Date 9/7 , 20 0
(Owner or Owner	r's Designee, Title
	CERTIFICA	ATE OF INSERVICE INSPECTION
I, the undersi		ATE OF INSERVICE INSPECTION ssion issued by the National Board of Boiler and Pressure
		ssion issued by the National Board of Boiler and Pressure
	gned, holding a valid commis ctors and the State or Provin	ssion issued by the National Board of Boiler and Pressure
Vessel Inspe	gned, holding a valid commis ctors and the State or Provin d, CT have inspected the c	ssion issued by the National Board of Boiler and Pressure ace of Illinois and employed by HSB CT components described in this Owner's Report during the period
Vessel Inspe of Hartford	igned, holding a valid commis ctors and the State or Provin d, CT have inspected the o	ssion issued by the National Board of Boiler and Pressure ace of Illinois and employed by HSB CT components described in this Owner's Report during the period and state that to the best of my knowledge and belief,
Vessel Inspe of Hartford 5/5/5/6 the Owner ha	igned, holding a valid commis ctors and the State or Provin d, CT have inspected the o to, as performed examinations a	ssion issued by the National Board of Boiler and Pressure ace of Illinois and employed by HSB CT components described in this Owner's Report during the period and state that to the best of my knowledge and belief, and taken corrective measures described in this Owner's
Vessel Inspe of Hartford 5/5/6/6 the Owner ha	igned, holding a valid commiscond and the State or Province d. CT have inspected the control of	ssion issued by the National Board of Boiler and Pressure ace of Illinois and employed by HSB CT components described in this Owner's Report during the period and state that to the best of my knowledge and belief, and taken corrective measures described in this Owner's atts of the ASME Code, Section XI.
vessel Inspe of Hartford 5/5/6/6 the Owner ha Report in acc By signing thi	igned, holding a valid commiscotors and the State or Proving the state of Proving to the state of the state o	ssion issued by the National Board of Boiler and Pressure ace of Illinois and employed by HSB CT components described in this Owner's Report during the period and state that to the best of my knowledge and belief, and taken corrective measures described in this Owner's ats of the ASME Code, Section XI. sector nor his employer makes any warranty, expressed or
vessel Inspe of Hartford 5/5/6/6 the Owner ha Report in acc By signing the implied, conc	gned, holding a valid commiscotors and the State or Provintal, CT have inspected the control to to to to to to to to to to to to to	ssion issued by the National Board of Boiler and Pressure ace of Illinois and employed by HSB CT components described in this Owner's Report during the period and state that to the best of my knowledge and belief, and taken corrective measures described in this Owner's ats of the ASME Code, Section XI. Bector nor his employer makes any warranty, expressed or a corrective measures described in this Owner's Report.
vessel Inspe of Hartford 5/5/6/6 the Owner ha Report in acc By signing the implied, conc Furthermore,	igned, holding a valid commission of the State or Proving the Commission of the Comm	ssion issued by the National Board of Boiler and Pressure ace of Illinois and employed by HSB CT components described in this Owner's Report during the period and state that to the best of my knowledge and belief, and taken corrective measures described in this Owner's acts of the ASME Code, Section XI. Bector nor his employer makes any warranty, expressed or a corrective measures described in this Owner's Report. Beemployer shall be liable in any manner for any personal
vessel Inspe of Hartford 5/5/0/ the Owner ha Report in acc By signing the implied, conc Furthermore,	igned, holding a valid commission of the State or Proving the Commission of the Comm	ssion issued by the National Board of Boiler and Pressure ace of Illinois and employed by HSB CT components described in this Owner's Report during the period and state that to the best of my knowledge and belief, and taken corrective measures described in this Owner's ats of the ASME Code, Section XI. Bector nor his employer makes any warranty, expressed or a corrective measures described in this Owner's Report.

DOCUMENT NO.:	4-1	REV. NO.: 0
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1.	Owner Exelon Nuclear				Date	7/7/06			
	Name 4300 Winfield Road, Warrenville, IL				Sheet	1		of	1
			Address		0,,,,,,				····
2.	Plant	Byron Nuclear	r Power Station	<u>1</u>	Unit _	0			
	4450 N G	Serman Church	Name Road Byron	11	Work (Order No.	0093653	2-01	
	4400 M. C	actinali Citarol	Address		WOIK			P.O. No., Job N	o., etc.
3.	Work Perl	formed by E	cal	••	ode Symb	·		ilicable	
	4450 N G) Ob.,,,,,	Name	**		zation No.		Applicable	
	4450 N. G	ierman Church	Address	<u>(L</u>	Expirat	ion Date	NOT A	pplicable	
4.	Identificati	ion of System		tial Service Wa	nter	· · · · · · · · · · · · · · · · · · ·			
5.	(b) Applic	cable Constructicable Edition of	Section XI Used						Code Case
6.	` '	on XI Code Case on of Compone	` '						
<u> </u>	iue illicati	on or compone	1165						
c	Name of omponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Iden	Other tification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
	. 80 2" Pipe	Hunter Corp.	Ht. Cd. AA MRR 4967	N/A	OSX	e Line 85AB-2"	1983	Removed	No
Sch.	. 80 2" Pipe	Consolidated Power Supply	HT: 1M35684	N/A		e Line 35AB-2"	2005	Installed	No
· · · · · · · · · · · · · · · · · · ·									
								<u>.</u>	
7.	Description	of Work Re	eplace section o	f pipe between	FW-142	23 (Tee) ar	nd FW-15	51 (Elbow)	
8.	Test Condu	ıcted: Hydros	tatic D =	Pneumatic	Nomi	nal Operat	ing Press	ture 🕅 🗀	xempt
J .	, cor condu	Other [psi	·	mg г тезз Гетр		_ ₅Ł
Note:	Supplemer	ntal sheets in for	m of lists, sketo	hes, or drawing	gs may l	oe used, pr	ovided (1) size is 8½ ii	n. x 11

	Applicable Manufacturer's Data Reports to be attached
	CERTIFICATE OF COMPLIANCE
I certify that the statements mad	e in the report are correct and this conforms to the requirements of the ASME
ode, Section XI.	
ype Code Symbol Stamp	Not Applicable
ertificate of Apthorization No.	Not Applicable
gned	- RRR Cool Date 8/24 , 20 <u>DU</u>
(A) Com	or Owner's Designee, Title
(f) (om	e or Owner's Designee, Title
(H) (OM)	er or Owner's Designee, Title
CI	ERTIFICATE OF INSERVICE INSPECTION
CI I, the undersigned, holding a val	ERTIFICATE OF INSERVICE INSPECTION id commission issued by the National Board of Boiler and Pressure
CI I, the undersigned, holding a val Vessel Inspectors and the State	ERTIFICATE OF INSERVICE INSPECTION id commission issued by the National Board of Boiler and Pressure or Province of Illinois and employed by HSB CT
CI I, the undersigned, holding a val Vessel Inspectors and the State	ERTIFICATE OF INSERVICE INSPECTION id commission issued by the National Board of Boiler and Pressure or Province of and employed by HSB CT cted the components described in this Owner's Report during the period
CI I, the undersigned, holding a val Vessel Inspectors and the State	ERTIFICATE OF INSERVICE INSPECTION id commission issued by the National Board of Boiler and Pressure or Province of Illinois and employed by HSB CT
I, the undersigned, holding a value Vessel Inspectors and the State of Hartford, CT have inspectors to S/M/	ERTIFICATE OF INSERVICE INSPECTION id commission issued by the National Board of Boiler and Pressure or Province of and employed by HSB CT cted the components described in this Owner's Report during the period
I, the undersigned, holding a value Vessel Inspectors and the State of Hartford, CT have inspectors to S/M/2 the Owner has performed examined.	ERTIFICATE OF INSERVICE INSPECTION id commission issued by the National Board of Boiler and Pressure or Province of
I, the undersigned, holding a value Vessel Inspectors and the State of Hartford, CT have inspector to SIMPLE to BINGE THE Owner has performed example the Owner has performed example.	ERTIFICATE OF INSERVICE INSPECTION id commission issued by the National Board of Boiler and Pressure or Province of
I, the undersigned, holding a value of Hartford, CT have inspective to State of the Owner has performed example Report in accordance with the results by signing this certificate neither	ERTIFICATE OF INSERVICE INSPECTION id commission issued by the National Board of Boiler and Pressure or Province of Illinois and employed by HSB CT ceted the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, mations and taken corrective measures described in this Owner's equirements of the ASME Code, Section XI. the Inspector nor his employer makes any warranty, expressed or
I, the undersigned, holding a value Vessel Inspectors and the State of Hartford, CT have inspector to State of the Owner has performed example Report in accordance with the result of the State of the Owner has performed example the State of the Owner has performed example the Owner has performed example the Owner has performed example to the Owner has performed ex	ERTIFICATE OF INSERVICE INSPECTION id commission issued by the National Board of Boiler and Pressure or Province of Illinois and employed by HSB CT ceted the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, inations and taken corrective measures described in this Owner's equirements of the ASME Code, Section XI. It the Inspector nor his employer makes any warranty, expressed or tions and corrective measures described in this Owner's Report.
I, the undersigned, holding a value of Hartford, CT have inspective to State of Hartford, concerning the examination of the Council of the Co	ERTIFICATE OF INSERVICE INSPECTION id commission issued by the National Board of Boiler and Pressure or Province of Illinois and employed by HSB CT ceted the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, inations and taken corrective measures described in this Owner's equirements of the ASME Code, Section XI. The Inspector nor his employer makes any warranty, expressed or ations and corrective measures described in this Owner's Report. or nor his employer shall be liable in any manner for any personal
I, the undersigned, holding a value of Hartford, CT have inspective to State of Hartford, concerning the examination of the Council of the Co	ERTIFICATE OF INSERVICE INSPECTION id commission issued by the National Board of Boiler and Pressure or Province of Illinois and employed by HSB CT ceted the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, inations and taken corrective measures described in this Owner's equirements of the ASME Code, Section XI. It the Inspector nor his employer makes any warranty, expressed or tions and corrective measures described in this Owner's Report.

DOCUMENT NO .	7.4	DEV NO. 0
DOCUMENT NO.:	/A	REV. NO.: 0

1.	Owner Exelon Nuclear				Date <u>07/26/06</u>			
	4300 Winfi	N eid Road, Warre	ame nville , IL		Sheet 1		of	1
2.	Plant E	Ad Byron Nuclear Po	dress		Unit 00			
۷.		N	ame			0004405		
	4450 N. Ge	rman Church Ro Add	dress		Work Order No. Repair Or		5-01 , P.O. No., Job No	o., etc.
3.	Work Perfo	•	on Mechanical		Type Code Symbol Stamp Not Applicable			
	4450 N. O-		Vame		Authorization No.		Applicable	
	4450 N. Ge	rman Church Ro Add	dress		Expiration Date	Not A	pplicable	
4.	Identification	n of System	SX ESSENTIAL	SERVICE '	WATER			
5.6.	5. (a) Applicable Construction Code ASME Section III 19 74 Edition, S75 Addenda, N/A Code Case (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Edition/2003 Addenda (c) Section XI Code Case(s) N/A							
c	Name of component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
PIPE	2" SCHED 80	GULF STATES TUBE DIV	HT: JD1571 MK: AA	N/A	0SX85AA	1977	REMOVED	NO
PIPE	2" SCHED 80	CONSOLIDATED POWER SUPPLY	HT# 1M35684	N/A	0SX85AA CAT ID 24507-1	2005	INSTALLED	NO
	ELBOW CHED. 80 (2)	BONNEY FORGE	M240	N/A	0SX85AA	1977	REMOVED	NO
	ELBOW CHED. 80 (2)	CONSOLIDATED POWER SUPPLY	HT: D35269 Lot: 75661	N/A	0SX85AA CAT ID 47207-1	2005	INSTALLED	NO
	OUPLING CHED. 80 (2)	BONNEY FORGE	BM35	N/A	0SX85AA	1977	REMOVED	NO
CC	DUPLING CHED. 80 (2)	CONSOLIDATED POWER SUPPLY	WFI HT# 297YNB	N/A	0SX85AA CAT ID 47132-1	1997	INSTALLED	NO
7.	Description o	f Work REPL	ACE PIPE SEC	TION AND	FITTINGS.			
8.	Test Conduct	ed: Hydrostatio	Pressure	umatic	Nominal Operat	emp.		xempt PF

9.	Remarks	WO# 00941255-01	
			Applicable Manufacturer's Data Reports to be attached
			CERTIFICATE OF COMPLIANCE
1.	certify that th	ne statements made ir	the report are correct and this conforms to the requirements of the ASME
	le, Section X		
	e Code Sym		Not Applicable
	-	thorization No.	Not Applicable
Sigr		JAA-	RRR Coord Date 8/25 , 20 06
o.g.		Owned	or Owner's Designee, Title
			, O. M. G. D. G. G. G. G. G. G. G. G. G. G. G. G. G.
		CER	TIFICATE OF INSERVICE INSPECTION
I,	the undersi	gned, holding a valid o	commission issued by the National Board of Boiler and Pressure
٧	essel Inspe	ctors and the State or	Province of Illinois and employed by HSB CT
0	f Hartford	l, CT have inspecte	ed the components described in this Owner's Report during the period
2	134/06	to \$/25/06	, and state that to the best of my knowledge and belief,
1	ne Owner ha	s performed examinat	tions and taken corrective measures described in this Owner's
		·	irements of the ASME Code, Section XI.
	•	•	e Inspector nor his employer makes any warranty, expressed or
			ns and corrective measures described in this Owner's Report.
	•	•	nor his employer shall be liable in any manner for any personal
		•	of any kind arising from or connected with this inspection.
14 (MI I M	
	Jun	Inspector's Signature	National Board, State Province, and Endorsements
_		, ,	·
D	ate:	ug. 25 , 20	10

D	OCUMEN.	TNO.:	BA				REV. N	O.: 0
	F				PAIR/REPLACE he ASME Code \$,
1.	Owner _	Exelon Nuclea	<u>r</u>		Date 9/22/06			
	4300 Win	field Road, Wa	Name rrenville, IL		Sheet 1		of	1
2.			Address Power Station		Unit 01		<u> </u>	
۷.			Name		One Or			
	4450 N. G		Road, Byron,	<u> L</u>	Work Order No. Benair Or		1-01 P.O. No., Job No.	etc
3.	Address Work Performed by Byron Mechanical Maintenance			cal	Type Code Symbo		Not Appl	
	4450 N C		Name		Authorization No.		Applicable	
	4450 N. G		Road, Byron, Address		Expiration Date	NOLA	oplicable	
4.	Identificati	on of System	VA- AUX. BI	DG. HVAC				
5.	(b) Applic	able Edition of	Section XI Used		_ 19 <u>74</u> Edition, <u>S</u> placement Activity:			_ Code Case ddenda
6.	` '	on XI Code Case on of Compone	` '					
C	Name of omponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
HE	6X4" LOWER COOLER EAD BOLT	CARDINAL	HT: C72103	N/A	1VA08S	1992	REMOVED	NO
C	EX4" LOWER COOLER EAD BOLT	NOVA MACHINE PRODUCTS	HT: 8092338 CODE: BVG	N/A	1VA08S CAT. ID: 36960	1996	INSTALLED	NO
						·		
·								
					1		·]	

). Remarks	WO# 00602001-01		
		Applicable Manufacturer's	Data Reports to be attached
-			
	202.20.004		
		CERTIFICATE OF COM	PLIANCE
certify that t	the statements made i	n the report are correct and t	his conforms to the requirements of the ASME
ode, Section	XI.		
pe Code Syr	nbol Stamp	N	ot Applicable
ertificate of A	uthorization No.		Not Applicable
gned	A Sma-	RRR Cooch	Date 11/13 , 20 06
,	Owner	or Owner's Designee, Title	•
		RTIFICATE OF INSERVICE	
	signed, holding a valid ectors and the State of	•	ational Board of Boiler and Pressure and employed by HSB CT
of Hartfor			d in this Owner's Report during the period
A/41/A/	to ////5/01	,	best of my knowledge and belief,
4/2//00			easures described in this Owner's
	•		
•	•	uirements of the ASME Code	
		• • •	r makes any warranty, expressed or
•	<u> </u>		described in this Owner's Report.
	•	• •	ble in any manner for any personal
- 14		•	connected with this inspection.
gund	Inspector's Signature	Commissions	Notice of State Province and Endemoments
	, ,		National Board, State Province, and Endorsements
Date:	VOV. 15 ,2	0 <i>06</i>	

DOCUMENT NO.: 3A	REV. NO.:	0
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Owner	Exelon Nuc	clear		Date 10/28/0	Date 10/28/06				
-		Name							
4300 Win	field Road,	Warrenville, IL		Sheet	1	of	1		
		Address							
Plant _	Byron Nucl	lear Power Station		Unit <u>00</u>					
		Name							
4450 N. G	erman Chu	rch Road, Byron, IL		Work Order No. 00803477-02					
		Address		Repair	Organization,	P.O. No., Job No	o., etc.		
Work Performed by Byron Mechan Maintenance] . 	Type Code Syn	nbol Stamp	Not App	licable		
		Name		Authorization No. Not Applicable					
4450 N. G	erman Chu	rch Road, Byron, IL		Expiration Date	Not A	pplicable			
		Address							
Identificati	ion of Systen	m WO - CHILLED	WATER	1974 Edition, S	S75 Addenc	la (piping)			
(a) Applio	cable Constr	uction Code ASME	Section III				Code Case		
(b) Applic		of Section XI Used for							
	on of Compo	` '							
 Nome of	Name of	Manufacturar	National	Othor	Voor	Corrected, Removed, or	ASME Code Stamped		

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
VALVE, RELIEF	TARGET ROCK	S/N: 5	N/A	EPN:0WO028A	2004	REMOVED	YES
VALVE, RELIEF	CROSBY VALVE	N99949-00-0002 ✓	N/A	EPN:0WO028A CAT. ID 1414005	2006	INSTALLED	YES
1-1/2" PIPE	GULF STATES TUBE CORP	HT#JD1571 MK: AC	N/A	0WO136AA-1-1/2" MJ#1A	1977	REMOVED	NO
1-1/2" PIPE	CONSOLIDATED POWER SUPPLY	HT#: 98766	N/A	0WO136AA-1-1/2" MJ#1A	2005	INSTALLED	NO
FLANGE	& FITTING	HT#: 82242 MK#BDW-77	N/A	0WO136AA-1-1/2" MJ#1A	1978	REMOVED	NO
1-1/2" FLANGE	CONSOLIDATED POWER SUPPLY	HT# A050963 / Code: CWL-A-1	N/A	0WO136AA-1-1/2" MJ#1A	2006	INSTALLED	NO
1/2-13 THREADED ROD	NOVA MACHINE PROD.	HT#QKZ	N/A	0WO136AA-1-1/2* MJ#1A	2000	REMOVED	NO
1/2-13 HEAVY HEX SCREW	NOVA MACHINE PROD.	ر HT# US Y06420	N/A	0WO136AA-1-1/2" MJ#1A	2003	INSTALLED	NO
1/2-13 HEAVY HEX NUT	NOVA MACHINE PROD.	HT#EVY	N/A	0WO136AA-1-1/2" MJ#1A	1997	REMOVED	NO
1/2-13 HEAVY HEX NUT	NOVA MACHINE PROD.	HT# B87035 ~/ Code: K135	N/A	0WO136AA-1-1/2" MJ#1A	2004	INSTALLED	NO

7.	Description of Wo	rk <u>REPLA</u>	REPLACE RELIEF VALVE, PIPE, FLANGE, NUTS & STUDS. PER EC#355050						
8.	Test Conducted:	Hydrostatic		Pneumatic		Nominal	Operating Pressure	\boxtimes	Exempt
		Other 🔲	Pressur	e	32	_ psi	Test Temp	55	ºF

9. Remarks	WO#00803477-02	2 / EC#355050						
		Applicable Manufacturer's Data Reports to be attached						
	· · · · · · · · · · · · · · · · · · ·	<u> </u>						
		CERTIFICATE OF COMPLIANCE						
I certify that	he statements made	e in the report are correct and this conforms to the requirements of the ASM						
ode, Section		· · · · · · · · · · · · · · · · · · ·						
pe Code Syr	nbol Stamp	Not Applicable						
	uthorization No.	Not Applicable						
gned	SA	RRR Cood Date 11/11 , 20 pt						
-	Own							
1 46		RTIFICATE OF INSERVICE INSPECTION						
	-	d commission issued by the National Board of Boiler and Pressure						
•	ectors and the State							
_,,		cted the components described in this Owner's Report during the period						
8/23/06	to//3g/							
	•	nations and taken corrective measures described in this Owner's						
•		quirements of the ASME Code, Section XI.						
	signing this certificate neither the Inspector nor his employer makes any warranty, expressed or							
•	plied, concerning the examinations and corrective measures described in this Owner's Report.							
	· ·	or nor his employer shall be liable in any manner for any personal						
injury or prop	erty damage or a los	ss of any kind arising from or connected with this inspection.						
Stan	auch	Commissions 121-1254						
	Inspector's Signature	National Board, State Province, and Endorsements						
Date:	NOV. 20	20 <i>06</i>						

	· · · · · · · · · · · · · · · · · · ·	
DOCUMENT NO.:	5 A	REV. NO.: 0

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY As Required by the Provisions of the ASME Code Section XI

1.	Owner _	Exelon Nuclea	ar		Date <u>4/5/06</u>			
	4000 11/1		Name		a .			_
	4300 WIN	field Road, Wa	Address		Sheet1		of	<u> </u>
2.	Plant	Byron Nucleau	r Power Station	ı	Unit 00		4	
<i>د</i> .	-	Dyron Nacieal	Name		Orin <u>00</u>			
	4450 N. G	erman Church	Road, Byron,	IL	Work Order No.	0088140	00-02	
			Address		Repair O	rganization	, P.O. No., Job No	o., etc.
2	Work Perf	iormod by E	Byron Mechanic	· val	Time Code Cimb	ol Stomn	Not Anni	liaabla
3.	Work Fell	•	aintenance	ia.	Type Code Symb	oi Starrip	Not App	licable
			Name		Authorization No.		Applicable	
	4450 N. G		Road, Byron, I	L	Expiration Date	Not A	pplicable	
			Address					
4.	Identificati	on of System	WO CHILLE	D WATER				
5.	(a) Applie	able Constructi	ion Codo ASN	AE Section III	10.74 Edition	**************************************	anda 1624.0	Code Cose
5 .					19_74_Edition, _Seplacement Activity			
		on XI Code Cas		·	spiacement Activity.	2001 L	dition 2000 A	ducilga
6.	· •	on of Compone	` '					
	· · · · · · · · · · · · · · · · · · ·	·	1			1	1	ASME
			·				Corrected,	Code
				National			Removed, or	Stamped
	Name of omponent	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	Installed	(Yes or No)
MT	GFLANGE	CARRIER	202626	139923	0WO01CB	1978	CORRECTED	YES
	EST END)	CORP.	000000		01400100	1370	COLLICATED	120
	AD (WEST D COVER)	CARRIER CORP.	202626	139923	0WO01CB	1978	CORRECTED	YES
	,			····				
						1		
	······································							
						<u> </u>		
							<u> </u>	
				· · · · · · · · · · · · · · · · · · ·				
							<u> </u>	
,	Description	of Mort			A/CI DINIC AND \$44		•	
7.	Description	O WORK R	EPAIR ERODEL	WUENO BY	WELDING AND MA	CHINING	<u>u</u>	
-							<u> </u>	
3.	Test Condu	icted: Hydros	static 🔲 P	neumatic 🔲	Nominal Opera	iting Pres	ssure 🖾 🛚 E	xempt 🗌
		Other	☐ Pressure	72	-	Temp		۶Ł
					poi	р		- .

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

* ASME Section III ND-4130 19	Applicable Manufacturer's Data Reports to be attached 92 Edition invoked for repair examination criterion.
1.	
i di	
	CERTIFICATE OF COMPLIANCE
I certify that the statements made	e in the report are correct and this conforms to the requirements of the ASME
Code, Section XI.	
ype Code Symbol Stamp	Not Applicable
ertificate of Authorization No.	Not Applicable
igned A Soc	RRR Card Date 6/23 , 20 04
(O Own	exor Owner's Designee, Title
7 =	
•	
I, the undersigned, holding a valid Vessel Inspectors and the State of Hartford, CT have inspect to 12666 to 1277 the Owner has performed examine Report in accordance with the resulting By signing this certificate neither implied, concerning the examination	, and state that to the best of my knowledge and belief, nations and taken corrective measures described in this Owner's quirements of the ASME Code, Section XI. the Inspector nor his employer makes any warranty, expressed or tions and corrective measures described in this Owner's Report.
I, the undersigned, holding a valid Vessel Inspectors and the State of Hartford, CT have inspect to Hartford, to Hartford to H	or Province of Illinois and employed by HSB CT cted the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, nations and taken corrective measures described in this Owner's quirements of the ASME Code, Section XI. the Inspector nor his employer makes any warranty, expressed or tions and corrective measures described in this Owner's Report. or nor his employer shall be liable in any manner for any personal
I, the undersigned, holding a valid Vessel Inspectors and the State of Hartford, CT have inspect to Hartford, to Have inspect to Hartford to Have inspect to Hartford to Hartf	or Province of Illinois and employed by HSB CT cted the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, nations and taken corrective measures described in this Owner's quirements of the ASME Code, Section XI. the Inspector nor his employer makes any warranty, expressed or tions and corrective measures described in this Owner's Report. or nor his employer shall be liable in any manner for any personal ass of any kind arising from or connected with this inspection.
I, the undersigned, holding a valid Vessel Inspectors and the State of Hartford, CT have inspect to Hartford, to Hartford to H	or Province of Illinois and employed by HSB CT cted the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, nations and taken corrective measures described in this Owner's quirements of the ASME Code, Section XI. the Inspector nor his employer makes any warranty, expressed or tions and corrective measures described in this Owner's Report.

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENT As Required by the Provisions of the ASME Code Section XI

			As Required	by the Provision	is of the ASME Co	ode Section A	1	
1.	Owner	r Exelon Nucle	ar		Date 11/3/05			
			Name		Cl 1	. C 1		
	4300 V	Winfield Rd. W	arrenville, II. 605	33	Sheet 1	of <u>1</u>		
2.	Plant	Byron Nuclear			Unit 01			
			Name					
	<u>4450 N</u>	N. German Chu	rch Road, Byron	<u>, II</u>	Purchase Order	00403938		
			Address			Repair Organization	, P.O. No., Job No., etc.	
3.	Work !	Performed by C	crane Nuclear, Inc		Type Code Symbo	ol Stamp NR		
		-	Name		Authorization No.	NR-24		
	860 Re	emington Blvd.,	Bolingbrook IL 60	0680-5388	Expiration Date	February 17,	2006	
4.	Identif	ication of Syster	Address n XX (spare valv	e)				
5.	(a) Ap	oplicable Constru	action Code Secti	on III 19 <u>7</u>	4 Edition, <u>W/75</u>	Addenda, N/A	1	Code Case
	(b) Ap	oplicable Edition	of Section XI Uti	lized for Repairs	s or Replacement C	omponents 19	89	
6.	Identifi	ication of Compo	onents Repaired or	Replaced and R	Replacement Compo	onents		
Nam Comp		Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
DISC, VA		Anderson Greenwood	NO4-2337-010	N/A	A120	1977	REPLACED	NO
DISC, VA	LVE	Anderson	A982-3		A120	1991		NO

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code; Stamped (Yes or No)
DISC, VALVE	Anderson Greenwood	NO4-2337-010	N/A	A120	1977	REPLACED	NO
DISC, VALVE	Anderson Greenwood	A982-3	N/A	A120	1991	REPLACEMENT	NO
BUSHING, HINGE PIN	Anderson Greenwood	N04-2341-003	N/A	A120	1977	REPLACED	NO
BUSHING, HINGE PIN	Consolidated Power Supply	HT# 9R092-LGO	N/A	A120	2005	REPLACEMENT	NO
BOLT, HEX	Anderson Greenwood	N04-2309-004	N/A	A120	1977	REPLACED	NO
BOLT, HEX	NOVA Machine Products	HT# 7404339	N/A	A120	2005	REPLACEMENT	NO
NUT, HEX SLOTTED	Anderson Greenwood	N05-2107-002	N/A	A120	1977	REPLACED	NO
NUT, HEX SLOTTED	NOVA Machine Products	HT# 8079541	N/A	A120	1998	REPLACEMENT	NO
Valve Body	Anderson Greenwood	N04-2336-001	N/A	A120	1977	Repaired	NO
Valve Flange	Anderson Greenwood	N05-2104-023	N/A	A120	1977	Repaired	NO

7.	Description of Wor	k Weld repair of	flange and seating	surfaces and replacement of internal va	lve parts
8.	Test Conducted:	Hydrostatic 🛛	Pneumatic	Nominal Operating Pressure	
		Other	Pressure 450	psi Test Temp: ambient	°F

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

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-	
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this Repair/Replacement conforms to the rules of the
•	Code, Section XI. repair or replacement
	Type Code Symbol Stamp NOT APPLICABLE
(Certificate of Authorization No. NOT APPLICABLE Expiration Date NOT APPLICABLE
	Signed David a Nilla, RRR COORDINATOR Date 11-8, 2005
_	Owner or Owner's Designoe, Tale
-	CERTIFICATE OF INSERVICE INSPECTION
	, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors
	State or Province of ILLINOIS and employed by H.S.B. CT of Hartford, CT. have inspected the components described in this Owner's F
	during the period 10/31/05 to 11/8/05 , and state that to the best
k	mowledge and belief, the owner has performed examinations and taken corrective measures described in the Owner's
i	n accordance with the requirements of the ASME Code, Section XI.
	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning
	examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his em
	hall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected
	his inspection. Olimination Commissions 111-1254
	CITIENT AND COMMISSIONS /// J. 1259

CORRECTED COPY

l.	Work p	erfo	rmed t	ру	860 R	CR (nor emington	ANE I	lucle:	ar, Inc e holder) ngbroc	k, IL	6044	0	 -	PO	# 00040 (P.O	3938, Re no. job no. et	v. 001 002
2.								1-44	esc)								
	- · · · · · ·							(gan	ne)							~·····	
							x 805	(addin	ess)	-							
3.	Name, a	Name, address and identification of nuclear power plant Byron Nuclear Station 4450 North German Church Rd., Byron IL 61010															
l_	System																
a.	Items WI											•					
				Identifi	cation							Со	nstruct	ion (Code		Activity
	Type of hom		dfg. isme	Mfg. Serial No.	Nat'l No		i. Ou	er	Year Built	<u> </u>	Name/ Section/ Division		Editio Adder		Code Case(s)	Code Class	Repoir/ Mod/ Replace
	6" Check Valve	G	lerson, reen- rood	A120	NVA	N/A	No	*	1990	Se	B&PV ection [1 ivision [1974 Winser		None	3	Repair/ Replace
Ŧ		_			-		-	_		_							
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	Items Insta	lled	Durin	g Replac	ement	Activities	-1	!						اسبرت			
				Ide	ntifica	ion								Cor	structio	n Code	
m	f Installed Replace 5a ltern	ed:	Mfg	c Seri	lig. al No.	Nat'l B No.		urisd. No.	Oti		Year Built	Se Div	arne/ ction/ vision	Ac	lition/ Idenda	Code Case(s)	Code Class
/A	N/A		N/A	N	/A	N/A		√A	N/	<u> </u>	N/A	1	√/ <u>A</u>		VA.	N/A	N/A
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		-+		 			+			+							
ب A	ME Code S	ection	XI apı	olicable fo	or inserv	ice inspec	tion:			Non		_		Non		No	
		-•!·-	VI	48		#: <i>@</i> :				(editio	1989		,	Non	•	(Code (
	ME Code Se								-nt5:		edition)			(addes		(Code C	
Co	nstruction Co	ode u	sed for	repairs, r	nodifica	tions, or r	eplacen	ents:			edition			inter		No (Code C	
<u>Γ</u>	sign responsi	bilitie	s	Anders	on, Gre	enwood	and Co	. (Ho	uston	, TX)						

NATIONAL BOARD INSPECTION CODE

Surrace, repair weld	l, machine rep	air area, PT repair area	, reassemble using cust	omer supplied par	ts, performed	
		aned, "NR" Stamped, p				
Replaced:					· · · · · · · · · · · · · · · · · · ·	
PART	CAT ID#	SERIAL#	PART	CAT ID #	SERIAL #	***********
Bushing Link	38586-1	N/A	Hinge Pin Bushing	21094-1	N/A 11T # 9R092-L0	0 94KI
Cotter Pin	483579	N/A	Torsion Spring	35594-2	N/A	- (j
Bushing Seal	483607-4	NA	Hinge Pin	38515-1	N/A	 '
Hinge Pin Sleeve	483760	NA	Linkage Link	35474-2	N/A	
Bolt Seal	496187	N/A	Helicoil	35544-2/3 5544-1	N/A	
Hex Nut	20610-1	N/A HT # 8079541	Washer	792G01		7 040.
Hex Screw	20704-1	NA HT # 7404309 74	104339 /HKu/1/05			— <i>[[[</i> []]
✓Valve Plate (Disc)	21090-1	₩A A982-3				<u>—</u> ქქ~"
Remarks CNI SO N	. 27577 02					
		Aodel CV1B-0615-SCM-1	NS 150# Check Valve	······································		
		facturer was Anderson, G		louston, TX)		
Oliginal C	1h		y company (
						
	····					
						-
· · · · · · · · · · · · · · · · · · ·		<u></u>				
		CERTIFICATE OF	COMPLIANCE			_
		CERTIFICATE OF				
Jerome A. Kurowski, F		ertify that to the best of m	y knowledge and belief th		•	<u> </u>
		ertify that to the best of m	y knowledge and belief th		•	
Jerome A. Kurowski, Frect and the repair, modificational Board Inspection Code	tion or replacem	ertify that to the best of m	y knowledge and belief th		•	
rect and the repair, modificational Board Inspection Code	"NR" rules.	ertify that to the best of ment activities described at	ny knowledge and belief th bove conform to Section X	I of the ASME Cod	le and the	
rect and the repair, modificational Board Inspection Code	"NR" rules.	ertify that to the best of ment activities described at	y knowledge and belief th		le and the	
rect and the repair, modificat	"NR" rules.	ertify that to the best of ment activities described al	ny knowledge and belief th bove conform to Section X	I of the ASME Cod	le and the	
rect and the repair, modificational Board Inspection Code ional Board Certificate of Au Certificate Holder	"NR" rules. http://dx.	ertify that to the best of ment activities described al	ny knowledge and belief the bove conform to Section X the "NR" stamp expires SE Nuclear, Inc.	February 17		
rect and the repair, modificational Board Inspection Code ional Board Certificate of Au Certificate Holder	"NR" rules.	ertify that to the best of ment activities described al	ny knowledge and belief the bove conform to Section X the "NR" stamp expires SE Nuclear, Inc.	February 17		
rect and the repair, modificational Board Inspection Code ional Board Certificate of Au Certificate Holder	"NR" rules. http://dx.	ertify that to the best of ment activities described al	ny knowledge and belief the bove conform to Section X the "NR" stamp expires SE Nuclear, Inc.	February 17		
rect and the repair, modificational Board Inspection Code ional Board Certificate of Au Certificate Holder	"NR" rules. http://dx.	NR-24 to use to CRAN (sutherred representative)	he "NR" stamp expires SE Nuclear, Inc. Sr. Qu	February 17		
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FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY As Required by the Provisions of the ASME Code Section XI

1.	Owner Exelon	Nuclear		[oate <u>10/06/06</u>					
	4300 Winfield Ro			_ s	heet 1		of <u>1</u>			
2.	Plant Byron	Address Nuclear Power		(Init <u>0</u>					
	4450 N. German	Name Church Road, I	3yron, IL	P	urchase Order No	. 40630)5			
		Address		Repair Organization, P.O. No., Job No., etc.						
3.	Work Performed i	Anderso	n Greenwood	_ T _	ype Code Symbol S	Stamp	Not Applica	ble		
	43 Kendrick St.,	Name Wrentham MA			uthorization No. expiration Date	Not App	pplicable			
	45 Rendriok GL,	Address				NOT APP	nicable			
4.	Identification of S	ystem XX - S	SPARE VALVE	(6" SWI	NG CHECK)					
5.	(a) Applicable Co	onstruction Code	ASME Sect	tion III	19 74 Edition, W7	5 Adden	da, NONE C	Code Case		
		dition of Section	XI Used for Rep		acement Activity: 2					
6.	Identification of C		UNE							
	Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)		
	VALVE BODY END FLANGE FACES	ANDERSON GREENWOOD	N04-2336-001	N/A	VLV S/N N26076	1990	CORRECTED	YES		
	VALVE DISC PLATE	ANDERSON GREENWOOD	A925-2	N/A	VLV S/N N26076	1990	REMOVED	NO		
_	VALVE DISC PLATE	ANDERSON GREENWOOD	N97552-32- 006	N/A	VLV S/N N26076	2005	INSTALLED	NO		
	DRILLED HEX HEAD BOLT	ANDERSON GREENWOOD	B047	N/A	VLV S/N N26076	1993	REMOVED	NO		
	DRILLED HEX HEAD BOLT	NOVA MACHINE PRODUCTS	HT: 7404339	N/A	VLV S/N N26076	2005	INSTALLED	NO		
	SLOTTED HEX NUT	NOVA MACHINE	HT 8079541	N/A	VLV S/N N26076	1991	REMOVED	NO		
	SLOTTED HEX NUT	NOVA MACHINE PRODUCTS	HT: 8079541	N/A	VLV S/N N26076	1998	INSTALLED	NO		
	HINGE PIN BUSHING (2)	ANDERSON GREENWOOD	B487 B859	N/A	VLV S/N N26076	1999	REMOVED	. NO		
4	HINGE PIN BUSHING (2)	ANDERSON GREENWOOD	B859 N97556-33- 004	N/A	VLV S/N N26076	1999 2005	INSTALLED	NO		
7.	Description of Wo				sket seating surfac shings.	es to res	tore condition.	Replace		
3.	Test Conducted:	_] Pneuma		Nominal Operatin	g Pressi	ure 🔲 Exer	npt 🔯		
			Pressure		psi Test Te	_		F		

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9.	Remarks	Purchase Order		
			Applicable Manufacture	r's Data Reports to be attached
			CERTIFICATE OF CO	OMPLIANCE
ı	certify that t	ne statements mad	e in the report are correct ar	nd this conforms to the requirements of the ASME
	de, Section)		•	•
	e Code Sym			Not Applicable
	=	thorization No.		Not Applicable
	ned /	the <a< td=""><td>RRR COOL</td><td>Date 10/11 ,20 06</td></a<>	RRR COOL	Date 10/11 ,20 06
··9·		1/2/ Own	ner or Owner's Designee, Title	
		~ Y) ~~~	· · · · · · · · · · · · · · · · · · ·	
	•	igned, holding a val		National Board of Boiler and Pressure
	•	ctors and the State		
C	f Hartford			bed in this Owner's Report during the period
	7/6/06	toto		he best of my knowledge and belief,
		•		e measures described in this Owner's
	•		equirements of the ASME Co	
E	By signing th	is certificate neither	r the Inspector nor his emplo	oyer makes any warranty, expressed or
i	mplied, cond	erning the examina	ations and corrective measur	res described in this Owner's Report.
F	Furthermore,	neither the Inspect	tor nor his employer shall be	liable in any manner for any personal
İ	njury or prop	erty damage or a lo	oss of any kind arising from	or connected with this inspection.
	- Oles	Muslu	Commission	ns <u>166-1254</u>
		Inspector's Signature		National Board, State Province, and Endorsements
E	Date:	Nobel 12 .	, 20 <i>_06</i>	
				

Section 6.0 Containment Inservice Inspection Report

EVALUATE CONDITIONS THAT DID NOT MEET THE ACCEPTANCE CRITERIA DURING THE 2nd IWL 5-YEAR CONTAINMENT CONCRETE SURVEILLANCE

Reason for Evaluation/Scope:

This evaluation is being performed to address all conditions that exceeded the acceptance criteria established by the Owner in surveillance packages for the conduct of the 2nd IWL containment concrete surveillance (per Ref.'s 2 & 3) at Byron. These conditions were documented individually in the following IR's:

- 1) IR #515883: CORROSION LEVELS FOR TENDON H01EF-F CAN IN U-2 FAILS AC (the acceptance criteria is no active corrosion).
- 2) IR #515877: CORROSION LEVELS FOR TENDON H01AC-C CAN IN U-1 FAILS AC (the acceptance criteria is no active corrosion).

The above conditions are evaluated as acceptable since adequate design margins exist and therefore, no repair/replacement is required until the 25th-yr tendon surveillance (scheduled in 2009) where these cans will be replaced like for like.

This evaluation includes the requirements of the "Evaluation Report" section of Ref.1. As such, the following items have been addressed in this evaluation report:

- 1) The cause of the condition that does not meet the acceptance criteria,
- 2) The applicability of condition to the opposite unit,
- 3) The acceptability of the concrete containment and hence, the acceptability of the condition,
- 4) Whether or not repair/replacement activity is required and,
- 5) Extent, nature and frequency of additional examinations.

In the Detailed Evaluation portion of this document, both conditions described in the IR's above are addressed.

Detailed Evaluation:

1) The Unit-2 tendon grease can H01EF-F and Unit-1 tendon grease can H01AC-C exhibited active corrosion as indicated by the presence of a reddish layer of corrosion on the outer surface of the cans. This condition was observed during the conduct of the 2nd IWL 5-yr containment structure concrete surfaces and exceeded the acceptance criteria established by the Owner (provided in Ref's. 3 & 2 respectively and given here as Attachment 1). The grease cans are located at the base of the containment structures in enclosed buttresses with moisture present on the floor of the buttresses. It is the presence of this moisture in this environment that had contributed to the corrosion on the cans. The moisture has since been removed and no source of new moisture has been identified.

Upon close examination of the corrosion condition of the tendon grease cans, it was noted that the corrosion is not in the form of delamination and only as a thin layer of dust. Based upon the freshness of the color of the corrosion products and the fact that these grease cans were not identified as having corrosion in the 1st IWL 5-yr containment concrete surfaces examination

Section 6.0 Page 1 of 5

Byron Station Unit 1 Refueling Outage 14 Inservice Inspection Report

EC 363076 Rev. 0

EVALUATE CONDITIONS THAT DID NOT MEET THE ACCEPTANCE CRITERIA DURING THE 2nd IWL 5-YEAR CONTAINMENT CONCRETE SURVEILLANCE

(Ref's 4 & 5), it was determined that active corrosion is taking place. However, it was also determined that only superficial metal loss on the can surfaces had taken place. No corrosion was taking place on the can bolts and the welds also were unaffected.

The tendon grease cans only hold grease and do not serve any other structural function. The grease cans are made out of a 1/8" steel sheet rolled into a tube and welded to two 3/4" thick plates (lid and flange) to complete a cylinder (Ref. 8).

The amount of metal loss due to the observed corrosion is minimal and considering the length of time it has taken for the corrosion to develop, it is acceptable and it will not challenge the structural integrity of the grease cans and the cans will retain their ability to hold grease. The grease can replacement is required during the 25th-yr tendon surveillance (scheduled in 2009 per Ref's 6 & 7). Instructions have been added to the work orders (Ref's 6 & 7) to ensure replacement cans are procured and installed.

These grease cans will also be inspected one additional time prior to the 3rd 5-yr containment concrete examination surveillance to monitor the condition of the corrosion. This is tracked by ATI's 515883-03 and 515877-03 for Units 2 and 1 respectively. Therefore, although the observed condition exceeded the acceptance criteria established in Ref's 2 & 3, it met the acceptance criteria for the external grease can examinations of section 4.3.1 of Ref. 9.

During the conduct of this surveillance, all tendon grease cans at both Units were examined and no active corrosion was observed on any of the remaining grease cans.

The frequency of the containment concrete surfaces examination remains at 5 years with the additional examination scheduled once prior to the 3rd 5-yr surveillance.

Conclusion:

The active corrosion on tendon grease cans H01EF-F (Unit-2) and H01AC-C (Unit-1) as documented in this evaluation is acceptable (does not challenge the ability of the tendon grease cans to hold grease) without additional corrective actions until they are replaced in 2009 (per Ref's 6 & 7).

The existing frequency of concrete surfaces examination surveillance (every 5 years) is therefore, considered adequate per the current Concrete ISI Program requirements. The additional examinations are tracked by ATI's 515883-03 and 515877-03 for Units 2 and 1 respectively.

References:

- 1) 2001 Edition with the 2003 Addenda of ASME Section XI, Subsection IWL, Paragraph IWL-3310
- 2) WO #713045-01 (Unit-1)
- 3) WO #713046-01 (Unit-2)
- 4) WO #99238605-01 (Unit-2)

Section 6.0 Page 2 of 5

EVALUATE CONDITIONS THAT DID NOT MEET THE ACCEPTANCE CRITERIA DURING THE 2nd IWL 5-YEAR CONTAINMENT CONCRETE SURVEILLANCE

- 5) WO #99238606-01 (Unit-1)
- 6) WO #943328-01 (Unit-1)
- 7) WO #943330-01 (Unit-2)
- 8) Inland Ryerson drawing No. 170W18R (Attachment 2).
- 9) ER-AA-330-006 procedure (Rev.03)

Answers to applicable DAR questions:

Question 4.1.4.1:

The containment structures are designed to contain radioactive material that may be released from the reactor core following a design basis Loss Of Coolant Accident.

Additionally, they provide shielding from the fission products that may be present in the containment atmosphere following accident conditions. The tendon grease cans function to hold tendon sheathing protection medium.

Question 4.1.4.2:

The containment structures are Safety-Related.

Question 4.1.4.3:

The containment structures are seismically qualified.

Question 4.1.39:

The tendon grease cans only serve to retain grease and therefore, must only be able to support self weight and any applicable weight of grease (primarily only the grease inside the can). They are not subject to any other civil or structural loading requirements.

Question 4.1.40:

The grease cans are not safety-related and are not seismically qualified.

Preparer: _	Nader Vakili	Date: <u>10/20/06</u>
Reviewer: _	Ron Janowiak	Date: <u>10/25/06</u>
Approved: _	Ken Kovar	Date: <u>10/26/06</u>
_	Jeff Hendricks	Date: <u>10/31/06</u>
	ANII Representative	

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EVALUATE CONDITIONS THAT DID NOT MEET THE ACCEPTANCE CRITERIA DURING THE 2nd IWL 5-YEAR CONTAINMENT CONCRETE SURVEILLANCE

Attachment 1:

Recordable indications:

Cracks, exposed rebars or other metallic items, grease leakage, moisture, leaching, settlement, deflections, popouts, voids, spalls, honeycombs, bug holes, corrosion, scaling, coating deteriorations (including damage, flaking, blistering, peeling or missing coating), abrasions, wear, efflorescence, deviations from design drawings, and other irregularities.

Acceptance Criteria per IWL 3211 for components subject to the examination Category L-A requirements of IWL subsection (there are no augmented examinations) shall be as follows:

General conditions:

- a) No evidence of unusual contamination, foreign material or debris.
- b) No abrasion, erosion, cavitation, wear or any other degradation mechanism resulting in significant loss of concrete material.
- c) No unusual bulges on containment vessel structure.
- d) No deviation from the design drawings.
- e) No other conditions specified or not specified in the "Recordable Indication Type Codes" table of Attachment 6 of ER-AA-335-018 procedure that may violate the containment leak-tight integrity.

Tendon anchorage grease cans:

- a) No deformed or sheared threads in the zone of thread engagement of bolts, studs or nuts.
- b) No localized general corrosion that reduces the bolt or stud cross-sectional area.
- c) No bending, twisting or deformation of bolts or studs to the extent that assembly or disassembly is impaired.
- d) No fractured bolts, studs or nuts.
- e) No evidence of damage or discontinuities that may prevent an acceptable gasket seal between the bearing plate and the grease can.
- No bolting conditions that do not meet design/material specifications/drawings.
- g) No evidence of active corrosion.
- h) No evidence of grease leakage exceeding 10% of duct volume of the associate tendon.

Coated and uncoated concrete surfaces:

- a) No evidence of flaking, peeling, blistering, discoloration or other signs of distress other than caused by mechanical damage.
- b) No evidence of active coating wear or erosion.
- c) No appearance of leaching or concrete attack.
- d) No evidence of missing required coating.
- e) No harsh environments that may reduce the life of the coating.
- f) No popouts, scaling, spalls and bug holes of any shape and size that breach the concrete cover.
- No corrosion staining of undefined source on the concrete surfaces.
- h) No cracks greater than .04" in maximum width.
- i) No settlement or deflection visible to the unaided eye.
- j) No occurrence of exposed reinforcing steel other than nonstructural exposed rebars, embedded metallic or nonmetallic items that do not adversely impact the structural function of the components.
- k) No apparent patch or repair on the concrete surface.
- I) No wetness other than temporary moisture.
- m) No surface Efflorescence other than those from adjacent non-IWL components.

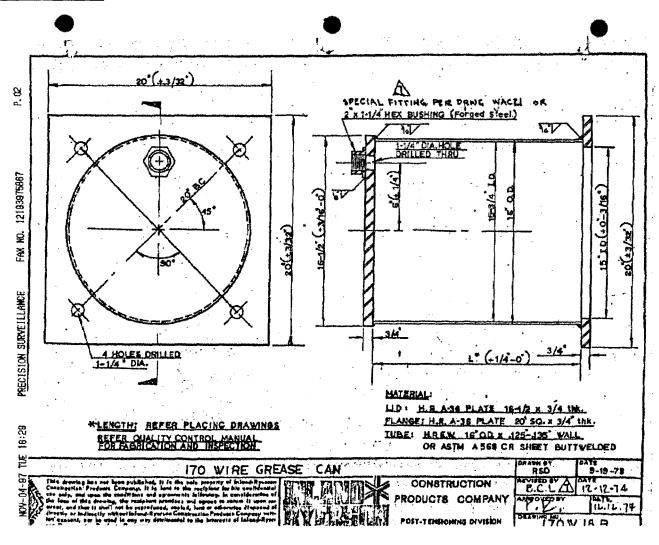
Items exceeding the acceptance criteria shall be considered **suspect areas** and would require introduction into the plant's Corrective Action Program and, resolution in accordance with IWL section 3000 (and applicable parts of section 4.7 of ER-AA-335-018). If a documented resolution, either complete or ongoing, exists that adequately addresses the as-found observed condition, it need not be considered a suspect area and should be recorded for information only.

Recordable Indications that are not classified as suspect areas do not require documentation in the plant's CAP.

Section 6.0 Page 4 of 5

EVALUATE CONDITIONS THAT DID NOT MEET THE ACCEPTANCE CRITERIA DURING THE 2nd IWL 5-YEAR CONTAINMENT CONCRETE SURVEILLANCE

Attachment 2:



Section 6.0 Page 5 of 5