

**Vogtle Electric Generating Plant
Units 1 and 2
Inservice Inspection Plan for Class 1, 2, and 3 Figures for Vogtle-1
Third Inspection Interval
Volume 7**

Volume 7 Contents:
Equipment Drawings
Isometric Drawings
P&ID Listing

Vogtle Site approval is not needed for this document.

**VOGTLE UNIT 1 THIRD INTERVAL EXAMINATION PLAN
VOLUME 7
CLASS, 1, 2, AND 3 COMPONENT ISI DRAWINGS
DISTRIBUTION**

**Manual
Number**

Manual Holder

1

Document Control QA Record

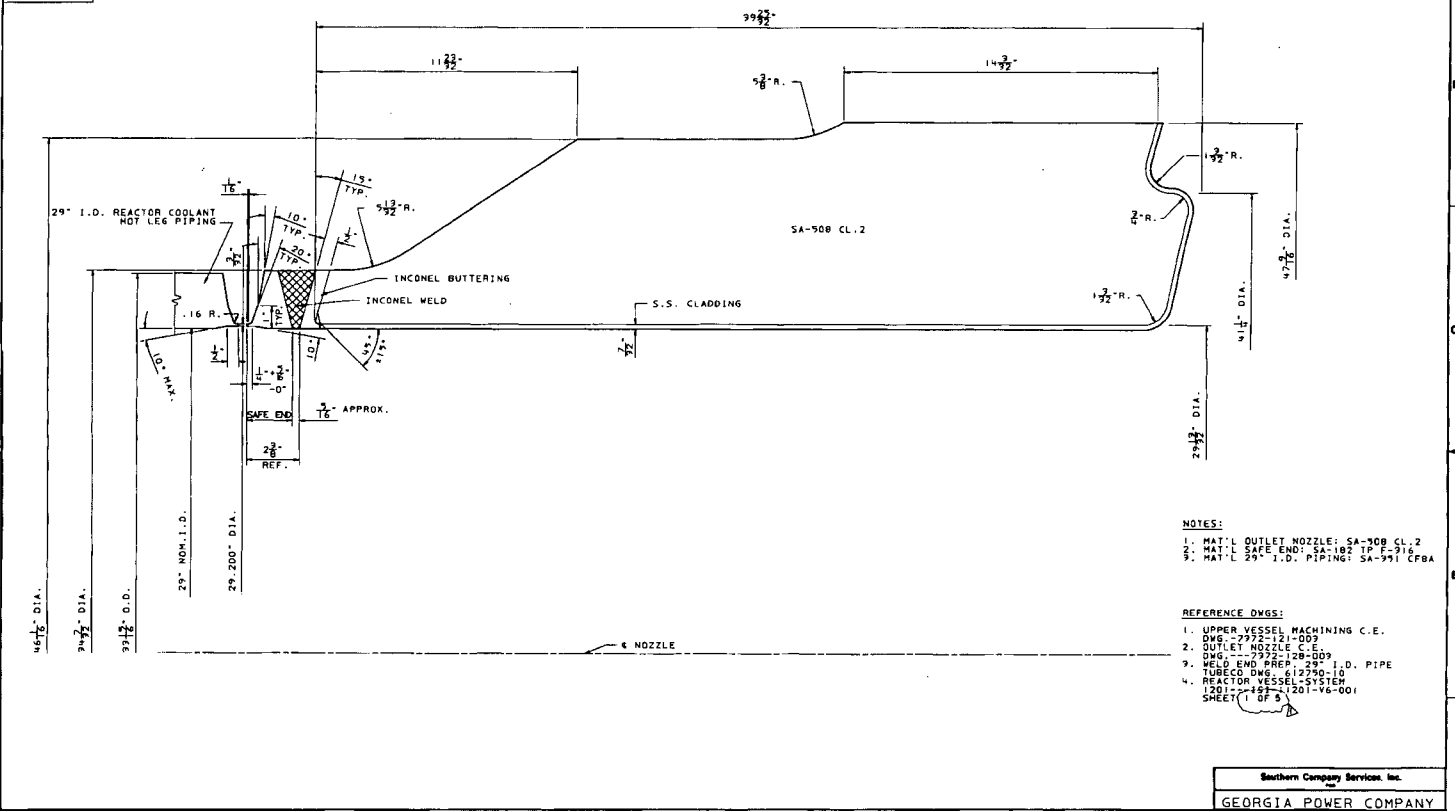
EQUIPMENT DRAWINGS

The drawings listed in this section represent Class 1, 2, and 3 equipment included in the ISI scope. These drawings give the identification number and location of welds, supports, and other items that require examination. The drawings are intended for ISI use only and should not be confused with design drawings. These drawings are available on aperture cards located in Document Control at both the VEGP Site and SNC Birmingham.

The following is a listing of the applicable systems and their drawing numbers.

<u>System</u>	<u>Drawing Number</u>	<u>Revision</u>	
Reactor Coolant	ISI-11201-V6-001 (sh. 1)	4	
	ISI-11201-V6-001 (sh. 2)	1	
	ISI-11201-V6-001 (sh. 3)	1	
	ISI-11201-V6-001 (sh. 4)	1	
	ISI-11201-V6-001 (sh. 5)	1	
	ISI-11201-V6-002 (sh. 1)	2	
	ISI-11201-V6-002 (sh. 2)	0	
	ISI-11201-V6-002 (sh. 3)	1	
	ISI-11201-V6-002 (sh. 4)	0	
	ISI-11201-B6-001 (sh. 1)	4	
	ISI-11201-B6-001 (sh. 2)	1	
	ISI-11201-B6-001 (sh. 3)	0	
	ISI-11201-B6-001 (sh. 4)	0	
	ISI-11201-B6-002 (sh. 1)	4	
	ISI-11201-B6-002 (sh. 2)	2	
	ISI-11201-B6-002 (sh. 3)	0	
	ISI-11201-B6-002 (sh. 4)	0	
	ISI-11201-B6-003 (sh. 1)	4	
	ISI-11201-B6-003 (sh. 2)	2	
	ISI-11201-B6-003 (sh. 3)	0	
	ISI-11201-B6-003 (sh. 4)	0	
	ISI-11201-B6-004 (sh. 1)	4	
	ISI-11201-B6-004 (sh. 2)	2	
	ISI-11201-B6-004 (sh. 3)	0	
	ISI-11201-B6-004 (sh. 4)	0	
	ISI-11201-P6-001	3	
	ISI-11201-P6-002	3	
	ISI-11201-P6-003	3	
	ISI-11201-P6-004	3	
	Nuclear Service Cooling Water	ISI-11202-P4-001	0
		ISI-11202-P4-007	0

<u>System</u>	<u>Drawing Number</u>	<u>Revision</u>
Component Cooling Water	ISI-11203-E4-001	0
	ISI-11203-P4-001	0
	ISI-11203-T4-001	0
Safety Injection	ISI-11204-P6-003	1
	ISI-11204-P6-004	2
	ISI-11204-V6-001	0
Residual Heat Removal	ISI-11205-P6-001	0
	ISI-11205-P6-002	0
	ISI-11205-E6-001 (sh. 1)	3
	ISI-11205-E6-001 (sh. 2)	0
	ISI-11205-E6-002 (sh. 1)	3
	ISI-11205-E6-002 (sh. 2)	0
Chemical and Volume Control	ISI-11208-P6-002	1
	ISI-11208-P6-003	1
	ISI-11208-P6-006	0
	ISI-11208-E6-001	1
	ISI-11208-E6-002	1
	ISI-11208-E6-003	1
	ISI-11208-E6-007	2
	ISI-11208-F6-003	0
Spent Fuel Pool Cooling and Purification	ISI-11213-E6-001	0
	ISI-11213-P6-002	0
Auxiliary Feedwater	ISI-11302-P4-001	0
	ISI-11302-P4-002	0
Safety Related (ESF) Chillers	ISI-11592-P7-001	0
	ISI-11592-T7-001	0

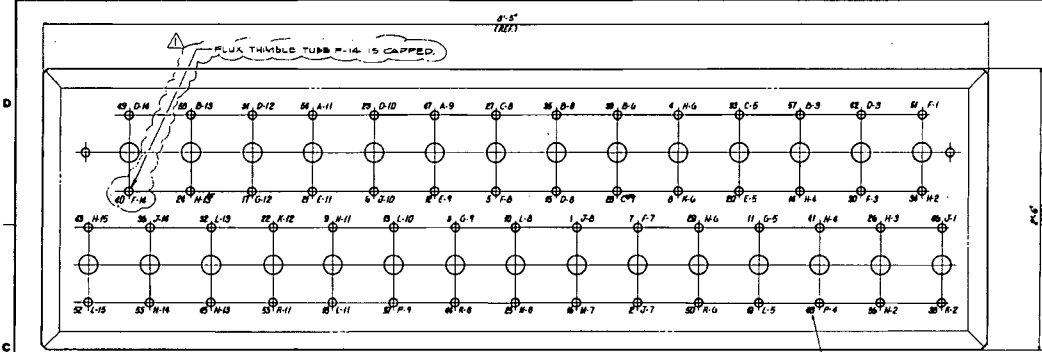


- NOTES:**
1. MAT'L OUTLET NOZZLE: SA-508 CL.2
 2. MAT'L SAFE END: SA-102 TP F-916
 3. MAT'L 29" I.D. PIPING: SA-591 CPBA

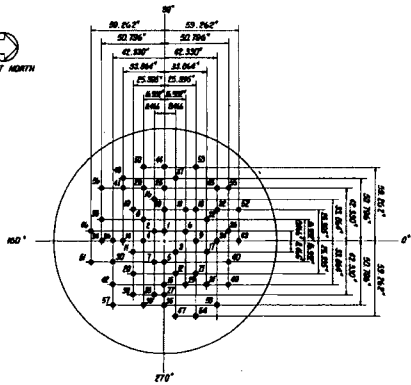
- REFERENCE DWGS:**
1. UPPER VESSEL MACHINING C.E. DWG. 7972-121-009
 2. OUTLET NOZZLE C.E. DWG. 7972-128-009
 3. WELD END PREP. 29" I.D. PIPE TUBECO DWG. 61290-10
 4. REACTOR VESSEL SYSTEM 1201-102-1201-V6-001 SHEET 1 OF 2

Southern Company Services, Inc.																																			
GEORGIA POWER COMPANY																																			
VOSTLE ELECTRIC GENERATING PLANT UNIT 1 & 2 RV. OUTLET NOZZLE AND SAFE END WELD END PREPARATION																																			
CHANGED SHEET NUMBERS						ISSUED FOR INSPECTION																													
<table border="1"> <tr> <th>REV.</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> <th>REV.</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> <th>REV.</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>												REV.	DATE	BY	DESCRIPTION	REV.	DATE	BY	DESCRIPTION	REV.	DATE	BY	DESCRIPTION												
REV.	DATE	BY	DESCRIPTION	REV.	DATE	BY	DESCRIPTION	REV.	DATE	BY	DESCRIPTION																								

SCALE: 1/8" = 1'-0"



PLAN - THIMBLE SEAL TABLE
NO SCALE



BOTTOM VIEW OF REACTOR VESSEL BOTTOM HEAD PENETRATIONS
FOR IN-CORE INSTRUMENTATION
NO SCALE

NOTE:
TEMPORARY PENETRATION
NUMBERS WERE REMOVED
AFTER THIMBLES WERE
INSTALLED

NOTES

1. THE IN-CORE FLUX THIMBLE TUBE PHYSICAL PROPERTIES ARE AS FOLLOWS:
 AMOUNT OF TUBES: 50
 MATE. OF TUBES: 316 S.S.
 I.D. OF TUBES: 2.01"
 O.D. OF TUBES: 2.318"
 WALL THICKNESS: .099" ± .005"
 .000"
2. THE NUMBERS ON THE THIMBLE SEAL TABLE CORRESPOND TO THE NUMBERS ON THE REACTOR VESSEL BOTTOM HEAD IN-CORE INSTRUMENTATION PENETRATIONS.
3. APPROXIMATE LENGTH OF COPPER CURRENT PROBE GUIDE CABLE REQUIRED IS 180' (FOR TESTING FLUX THIMBLE TUBE WALL THICKNESS)

REFERENCE DRAWINGS

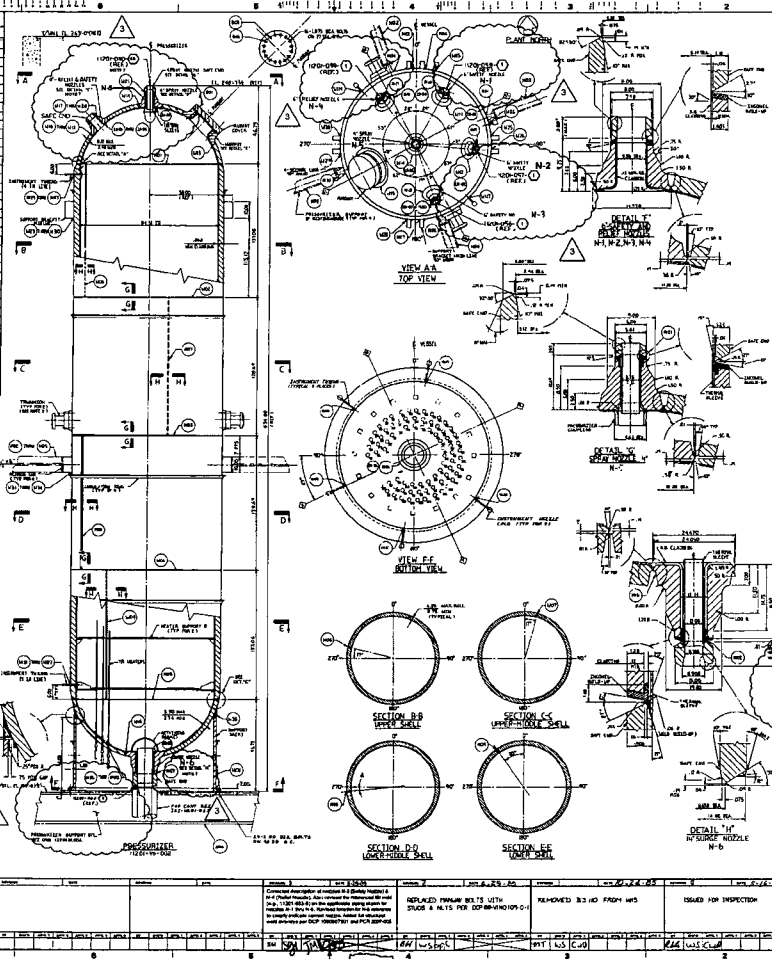
1. TABLE ASSEMBLY THIMBLE SEAL - 10A000-4-1
2. BOTTOM MOUNTED IN-CORE INSTRUMENTATION FLUX THIMBLE DESIGN SPECIFICATION - 10A000-10-4
3. BOTTOM HEAD PENETRATIONS (INTERIM) - 7372-151-002
4. BOTTOM MOUNTED INSTRUMENTATION - 10A-001-94-0 FIELD ASSEMBLY
5. BOTTOM MOUNTED INSTRUMENTATION - 10A-000-26-7
6. BOTTOM MOUNTED INSTRUMENTATION - 10A-000-26-7

DATE	DESCRIPTION	BY	CHKD	APPROVED
12-3-52	FLUX THIMBLE TUBE #14 HAS BEEN GAPPED DUE TO WALL THINNING PER PCR-72-012.	W.S. CUBBER	W.S. CUBBER	ISSUED FOR APPROVAL
05-31-55				

Southern Company Services, Inc.	
GEORGIA POWER COMPANY	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 1	
IN-CORE FLUX THIMBLE SEAL TABLE AND REACTOR PENETRATIONS	
DESIGNED BY	W.S. CUBBER
CHECKED BY	W.S. CUBBER
APPROVED BY	W.S. CUBBER
DATE	12-3-52
SCALE	AS SHOWN



ITEM NO.	DESCRIPTION	QUANTITY	UNIT	ESTIMATED PERIOD AND ITEM NO.
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GENERAL NOTES

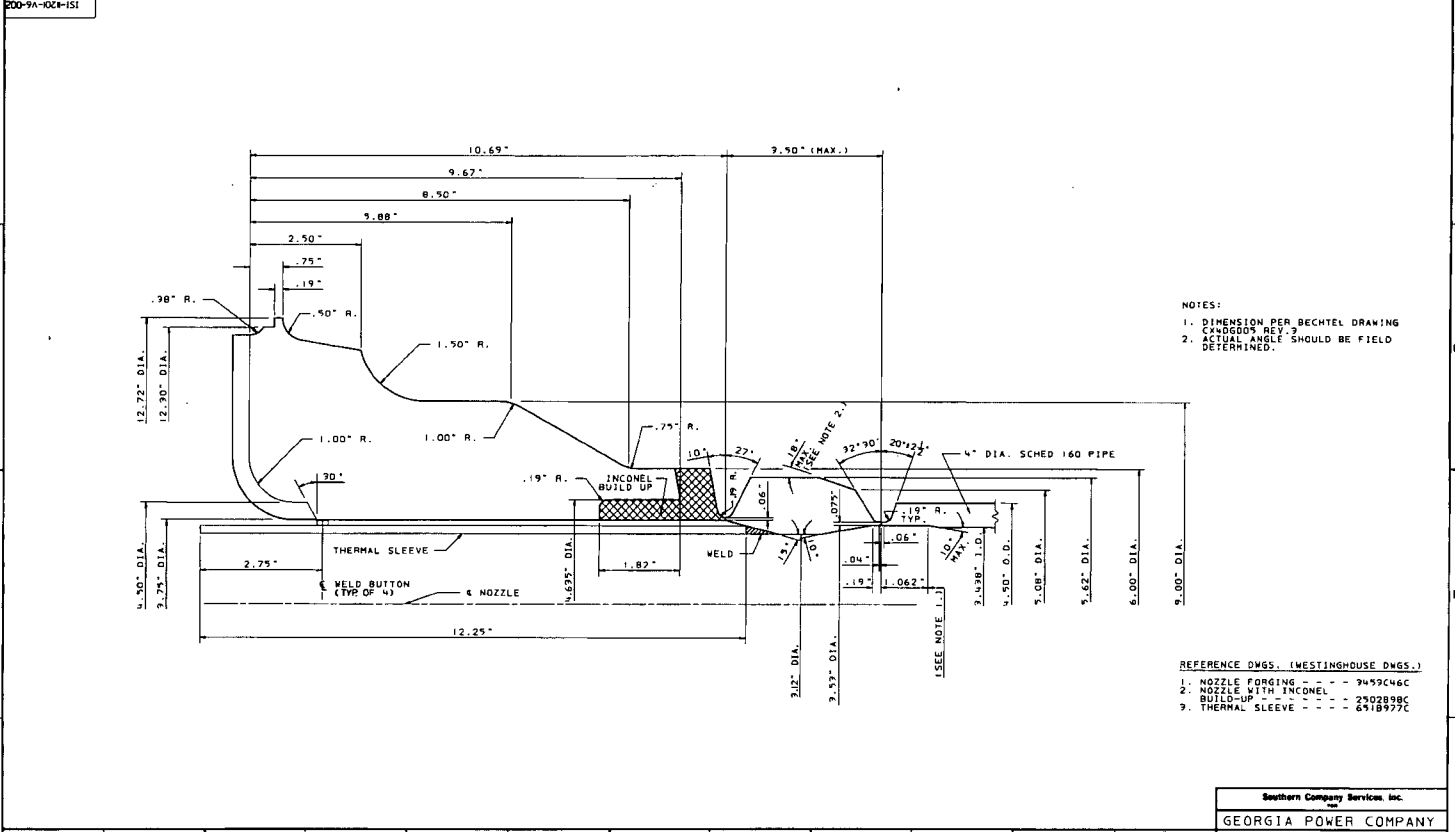
1. SEE BILL PLAN FOR SELECTION AND FREQUENCY
2. ALL INSPECTION AND TESTING SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE ASME CODES AND STANDARDS.
3. ALL INSPECTION AND TESTING SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE ASME CODES AND STANDARDS.
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10. ALL INSPECTION AND TESTING SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE ASME CODES AND STANDARDS.

SECTION B-B
SECTION C-C
SECTION D-D
SECTION E-E

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	ESTIMATED PERIOD AND ITEM NO.
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Boiler Company Services, Inc.
 Georgia Power Company

MOBILE ELECTRIC GENERATING PLANT
 INSPECTION EQUIPMENT Dwg
 PRODUCTION SYSTEM 001



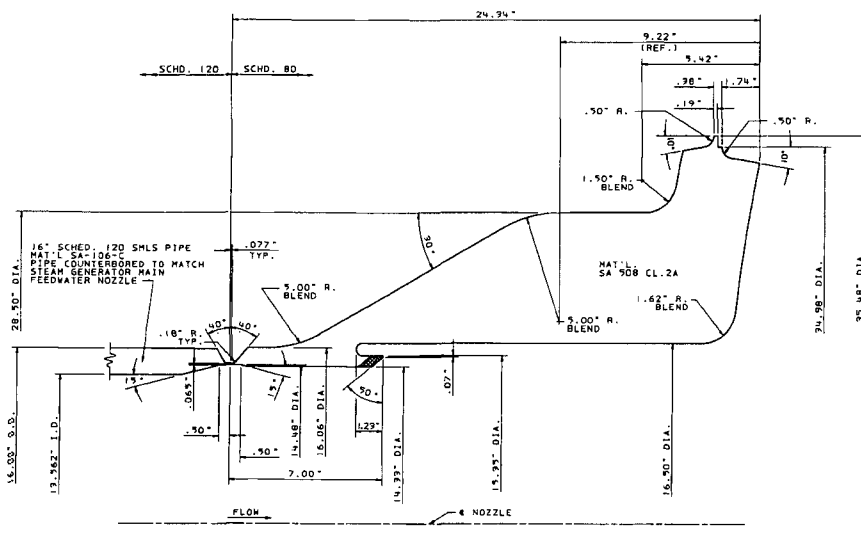
NOTES:
 1. DIMENSION PER BECTEL DRAWING C485003 REV. 3
 2. ACTUAL ANGLE SHOULD BE FIELD DETERMINED.

REFERENCE DWGS. (WESTINGHOUSE DWGS.)
 1. NOZZLE FORGING - - - 9459C46C
 2. NOZZLE WITH INCONEL BUILD-UP - - - 2502B98C
 3. THERMAL SLEEVE - - - 651B977C

Southern Company Services, Inc. GEORGIA POWER COMPANY											
VOSTLE ELECTRIC GENERATING PLANT UNIT 1 & 2 SECTION - 4" PRESSURIZER SPRAY NOZZLE											
ISSUED FOR INSPECTION											
KWA MS CWD											
FULL SHEET OF 4 151-420-V6-008 0											

SCALING RULES

100-98-004-151



REFERENCE DRAWINGS (WESTINGHOUSE DWGS)

- 1. STEAM GENERATOR MODEL "F" - - - - - 1515E42
- 2. FEEDWATER NOZZLE FORGING - - - - - 6524DW1C
- 3. FEEDWATER NOZZLE CLAD AND MACHINE - - - - - 1511E66C

NOTES:

- 1. NOZZLE HAS BEEN FINISHED 250/ ALL OVER.

STEAM GENERATOR 1201-B0-001

Southern Company Services, Inc.

GEORGIA POWER COMPANY

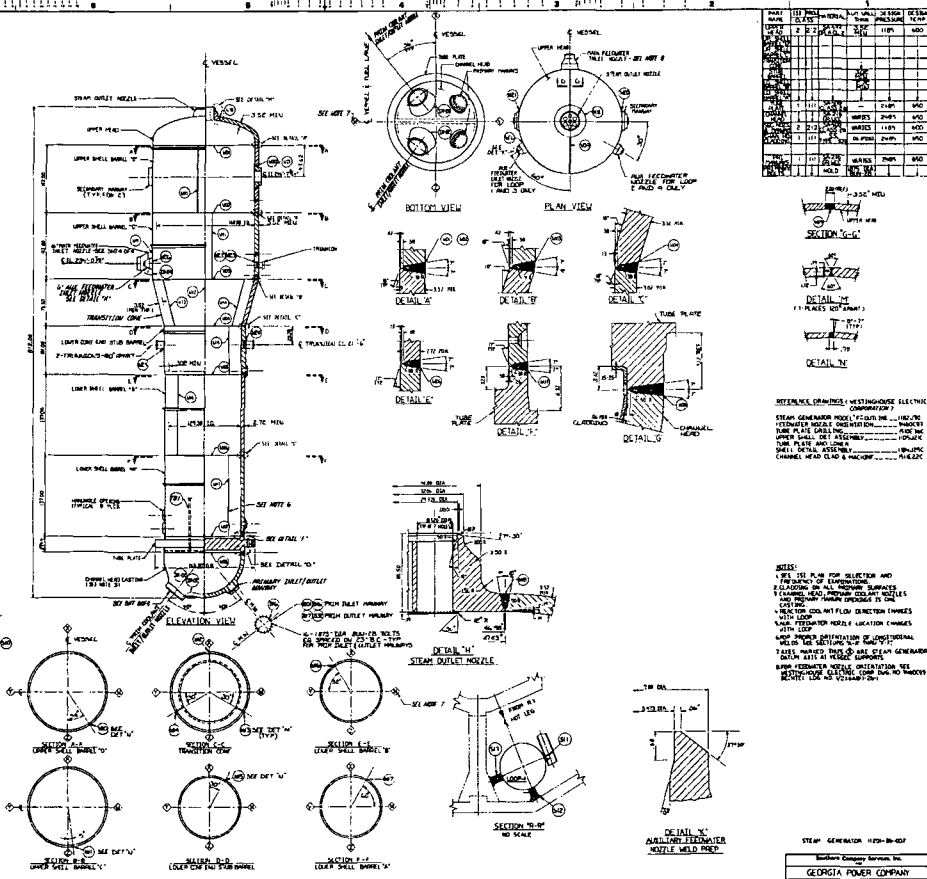
VOSTLE ELECTRIC GENERATING PLANT
UNIT 1
STEAM GENERATOR-MAIN FEEDWATER
NOZZLE - SYSTEM 1305

ISSUED FOR INSPECTION

REVISIONS												DATE		BY		CHECKED		APPROVED		SCALE		SHEET NO.		TOTAL SHEETS				

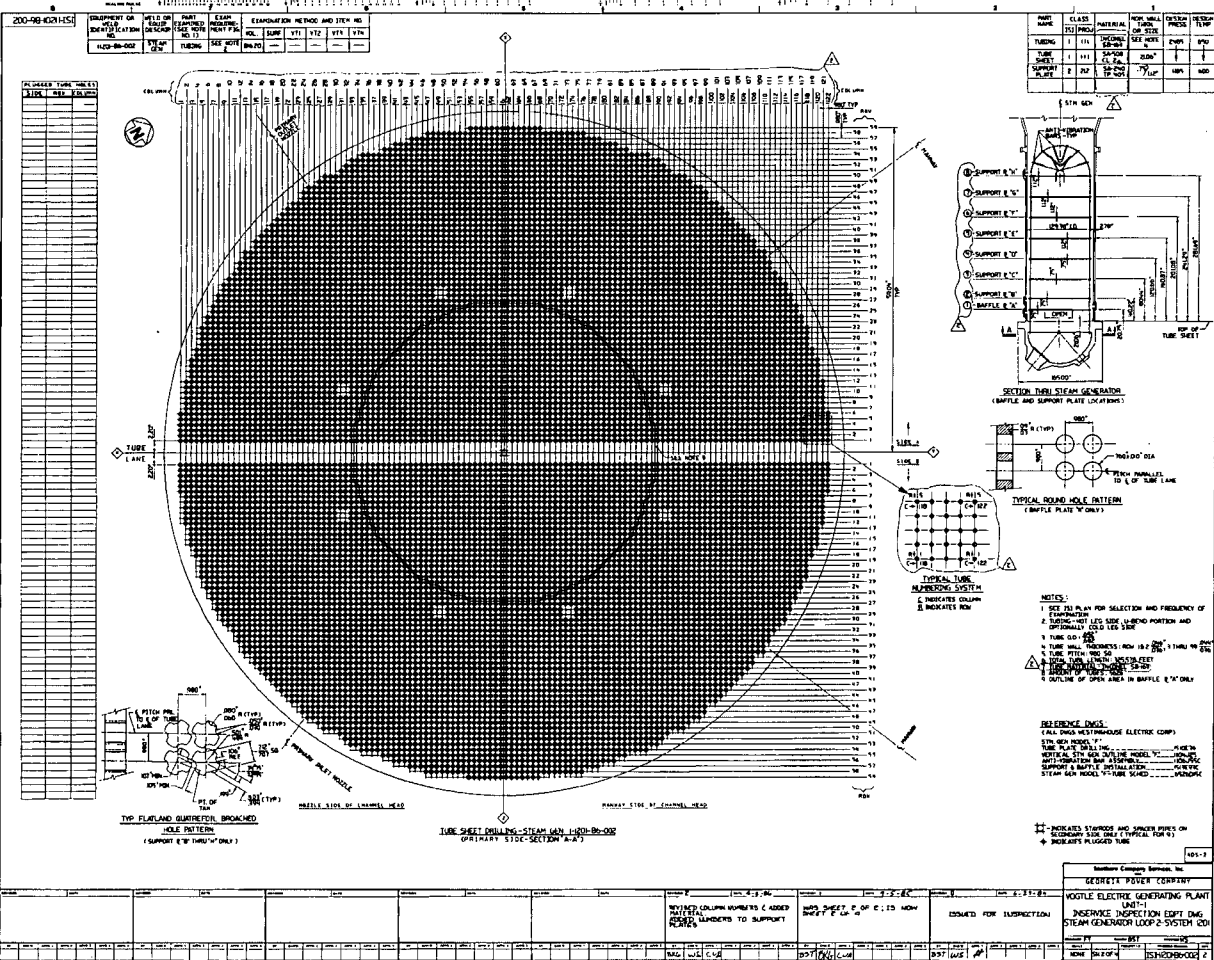


ITEM NO.	QUANTITY	UNIT	DESCRIPTION	MARKING	DATE
1	1	EA	STEAM GENERATOR		
2	1	EA	STEAM OUTLET NOZZLE		
3	1	EA	STEAM OUTLET WELD		
4	1	EA	STEAM OUTLET FLANGE		
5	1	EA	STEAM OUTLET GASKET		
6	1	EA	STEAM OUTLET BOLT		
7	1	EA	STEAM OUTLET NUT		
8	1	EA	STEAM OUTLET WASHER		
9	1	EA	STEAM OUTLET LOCKWASHER		
10	1	EA	STEAM OUTLET SPRING WASHER		
11	1	EA	STEAM OUTLET COUPLER		
12	1	EA	STEAM OUTLET STUD		
13	1	EA	STEAM OUTLET END STUD WELD		
14	1	EA	STEAM OUTLET TRANSITION PIPE		
15	1	EA	STEAM OUTLET LOWER END STUD WELD		
16	1	EA	STEAM OUTLET LOWER END STUD WELD		
17	1	EA	STEAM OUTLET LOWER END STUD WELD		
18	1	EA	STEAM OUTLET LOWER END STUD WELD		
19	1	EA	STEAM OUTLET LOWER END STUD WELD		
20	1	EA	STEAM OUTLET LOWER END STUD WELD		



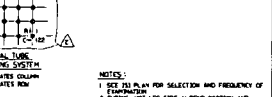
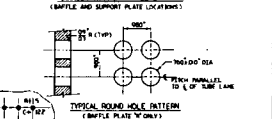
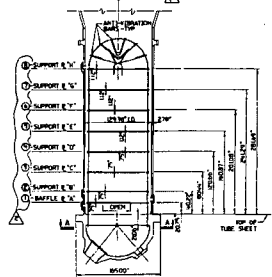
DESIGNED BY	CHECKED BY	DATE	ISSUED FOR	ISSUED FOR
			TRAVEL	REVISION

GEORGIA POWER COMPANY
 WOODRIDGE ELECTRIC GENERATING PLANT
 UNIT 1
 INSERVICE INSPECTION EQPT. DRG
 STEAM GENERATOR - SYSTEM 1001



COMPONENT OR IDENTIFICATION NO.	FIELD NO.	ITEM NO.	EXAMINATION METHOD AND ITEM NO.
1100-B-000	111	1	...

ITEM NAME	CLASS	MATERIAL	WELDING PROCEDURE	WELDING SYMBOL
TUBING	111	SA-192	...	...
SUPPORT	111	SA-192	...	...



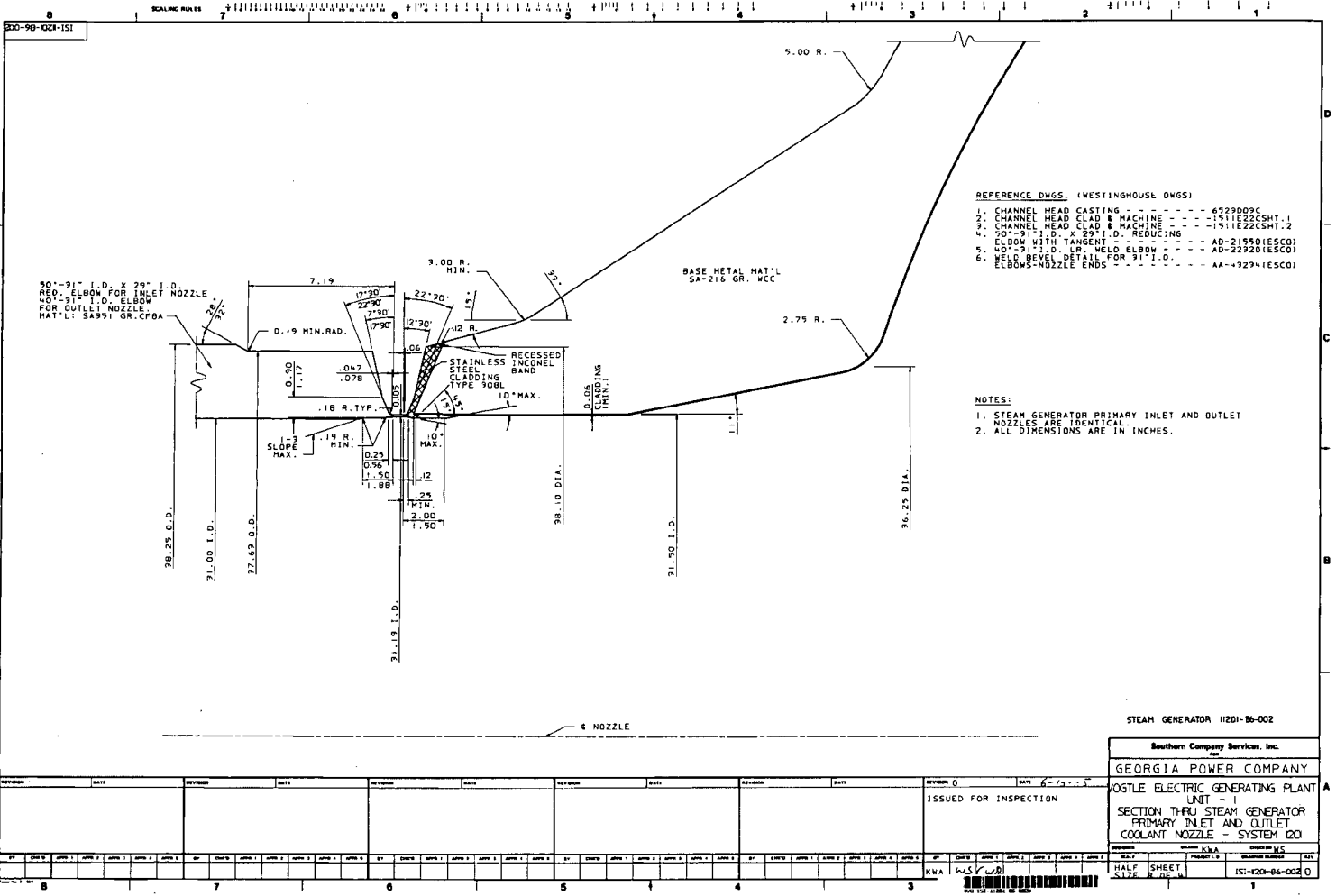
- NOTES:
- SEE BILL OF MATERIALS FOR SELECTION AND FREQUENCY OF COMPONENTS
 - SUPPORTS NOT SHOWN ARE TO BE LOCATED IN ACCORDANCE WITH THE TUBE SHEET DESIGN
 - TUBE GRID SPACING: 11.00" (280mm)
 - TUBE PITCH: 11.00" (280mm)
 - TUBE SHEET THICKNESS: 1.50" (38mm)
 - OUTLINE OF OPEN AREA IN BAFFLE IS 1/4" ONLY

REFERENCE DINGS:
 (ALL DIMS WESTINGHOUSE ELECTRIC CORP.)
 SIZE OF HOLES: 1/4"
 TUBE SHEET DRILLING: 11.00" (280mm)
 TUBE SHEET THICKNESS: 1.50" (38mm)
 SUPPORT & BAFFLE INSTALLATION: WESTINGHOUSE
 STEAM GEN MODEL "T" TUBE SHEET - AN1100-B

INDICATED SYMBOLS AND DIMENSIONS ON
 THIS DRAWING ARE TO BE USED FOR
 MANUFACTURE UNLESS OTHERWISE SPECIFIED

NO.	DESCRIPTION	DATE	BY	CHECKED	APPROVED
1

GEORGIA POWER COMPANY
 MOBILE ELECTRIC GENERATING PLANT
 (UNIT)
 INSERVICE INSPECTION EXPT DING
 STEAM GENERATOR LOOP 2 SYSTEM (00)



Southern Company Services, Inc.
GEORGIA POWER COMPANY
 COGENT ELECTRIC GENERATING PLANT
 UNIT - 1
 SECTION THRU STEAM GENERATOR
 PRIMARY INLET AND OUTLET
 COOLANT NOZZLE - SYSTEM 20

ISSUED FOR INSPECTION

DATE: 6-28-57

BY: [Signature]

WVA

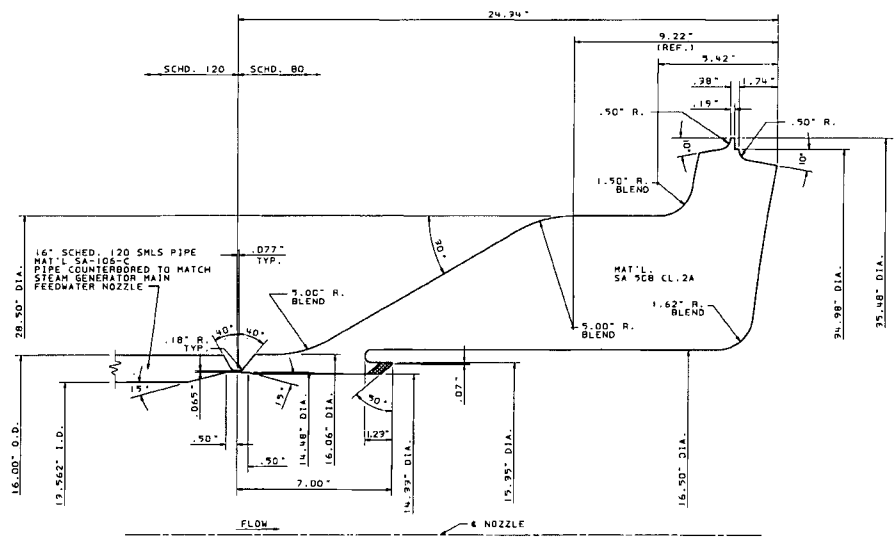
HALF SHEET
 151-1201-B0-002

REVISION	DATE	REVISION	DATE	REVISION	DATE	REVISION	DATE	REVISION	DATE	REVISION	DATE



SCALING RULES

500-98-402A-151



- REFERENCE DRAWINGS (WESTINGHOUSE DWGS)
1. STEAM GENERATOR MODEL "F" - - - - - 1515E42
 2. FEEDWATER NOZZLE FORGING - - - - - 6524D41C
 3. FEEDWATER NOZZLE CLAD AND MACHINE. - - - - - 1511E66C

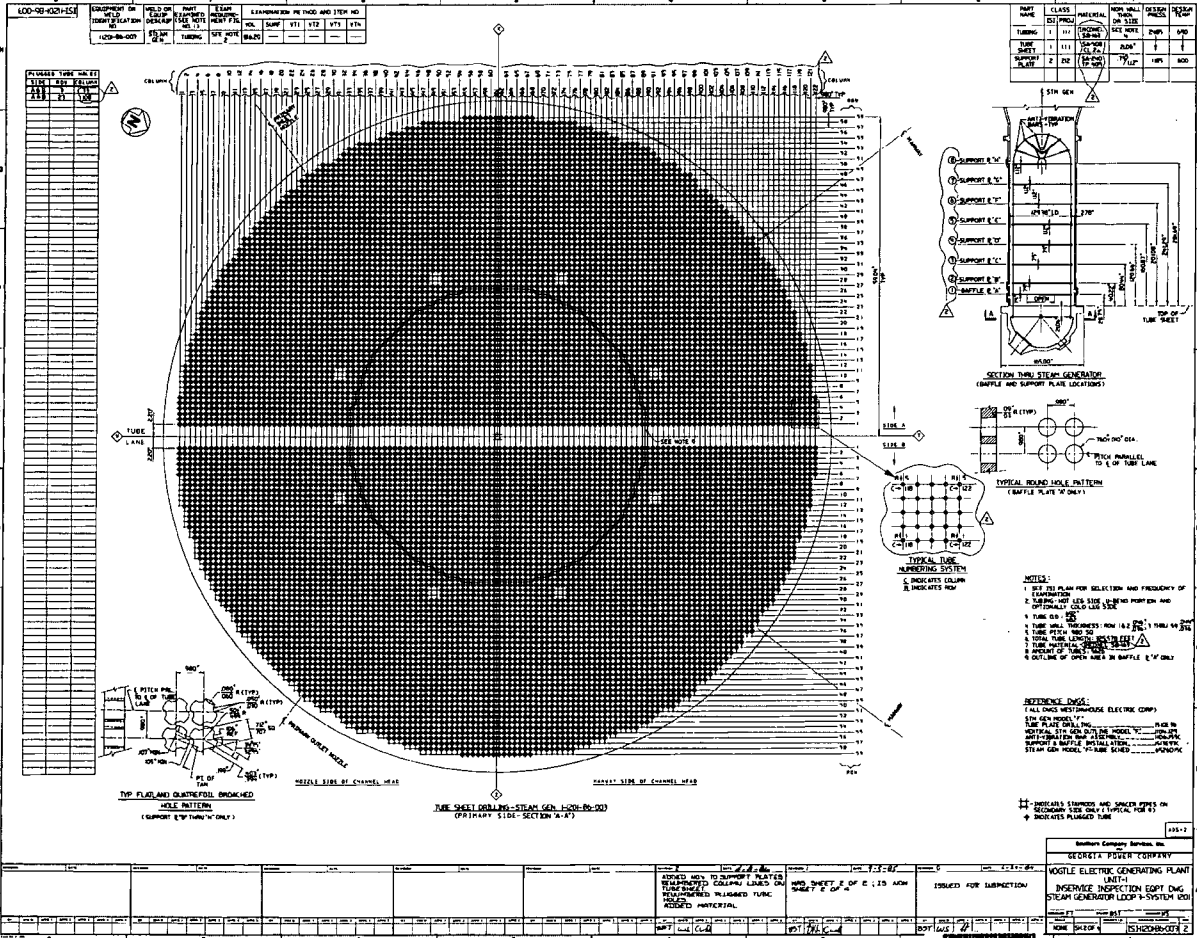
NOTES:
 1. NOZZLE HAS BEEN FINISHED 25% ALL OVER.

STEAM GENERATOR 11201-96-002

Southern Company Services, Inc.	
GEORGIA POWER COMPANY	
ISSUED FOR INSPECTION	
VOGTELE ELECTRIC GENERATING PLANT UNIT 1 STEAM GENERATOR-MAIN FEEDWATER NOZZLE - SYSTEM 605	
DESIGNED BY: KWA	CHECKED BY: MGC
DRAWN BY: KWA	DATE: 11/20/86
SCALE: 1/2" = 1"	SHEET: 1
151-420-86-002	

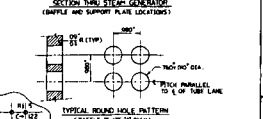
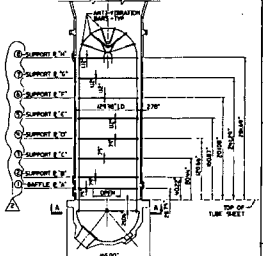
REVISION	DATE	DESCRIPTION	DATE	DESCRIPTION	DATE	DESCRIPTION	DATE	DESCRIPTION	DATE	DESCRIPTION	DATE	DESCRIPTION	DATE	DESCRIPTION	DATE	DESCRIPTION	DATE	DESCRIPTION





ITEM NO.	DESCRIPTION	QUANTITY	UNIT	REMARKS
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PART NAME	CLASS	QUANTITY	UNIT	REMARKS
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- NOTES:**
- SEE THIS PLAN FOR SELECTION AND FREQUENCY OF CORROSION.
 - ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.
 - ...
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REFERENCE DRAWINGS:

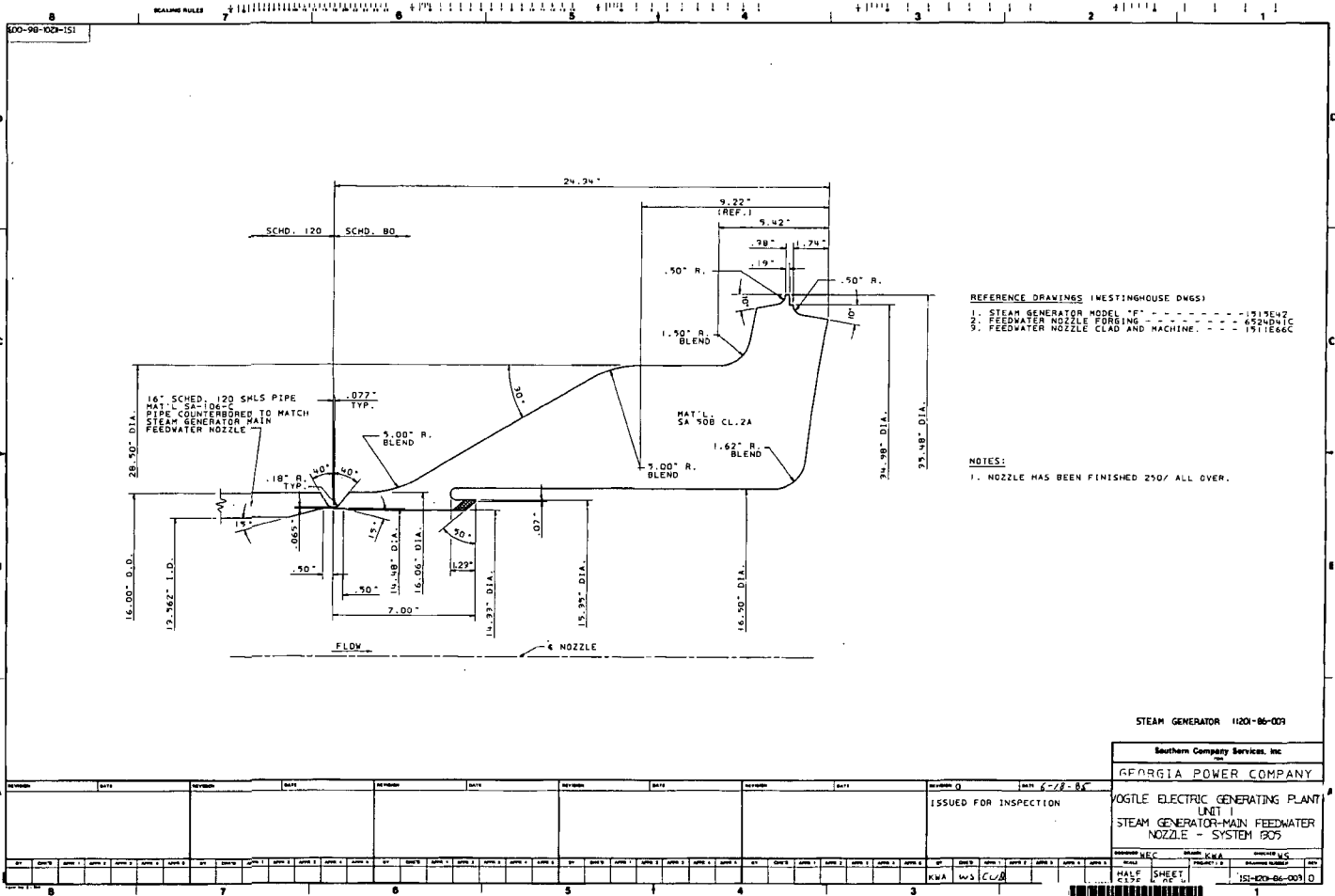
- ALL DIMS WESTINGHOUSE ELECTRIC CORP.
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... INDICATES TUBES AND OTHER ITEMS ON SECONDARY SIDE ONLY (TYPICAL FOR 1)

... INDICATES PLUGGED TUBE

NO.	DATE	BY	CHKD.	APP'D.	DESCRIPTION
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WESTINGHOUSE COMPANY
 GEORGE F. FISHER COMPANY
 MOBILE ELECTRIC GENERATING PLANT
 UNIT 1
 INSERVICE INSPECTION EIGHT DNG
 STEAM GENERATOR LOOP A SYSTEM 100



STEAM GENERATOR 1120-B6-003

Southern Company Services, Inc.
KWA

GEORGIA POWER COMPANY

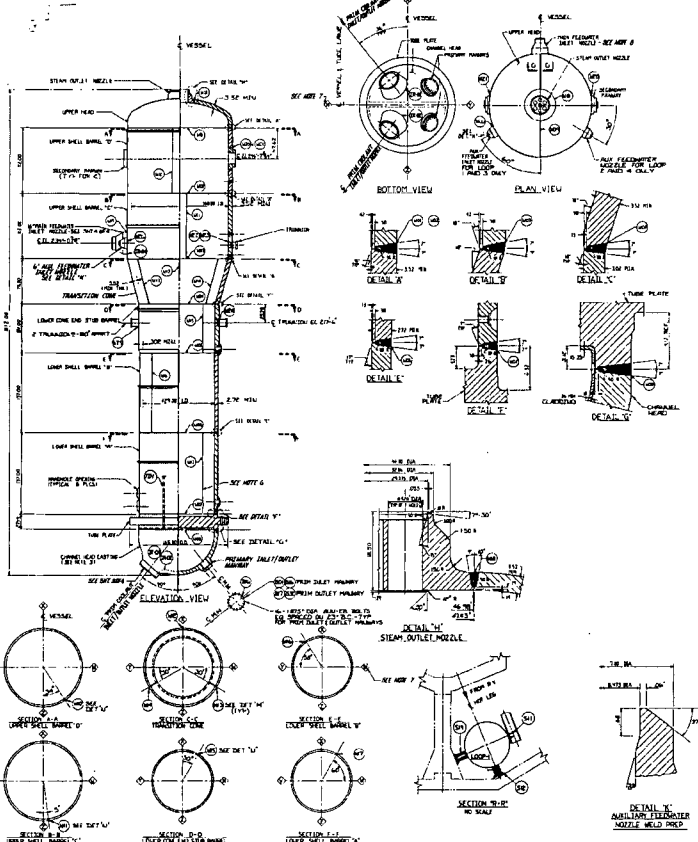
ISSUED FOR INSPECTION DATE 6-22-84

VOGTELE ELECTRIC GENERATING PLANT
UNIT 1
STEAM GENERATOR-MAIN FEEDWATER
NOZZLE - SYSTEM 805

DESIGNED BY	DATE	REVISION	DATE	REVISION	DATE	REVISION	DATE	REVISION	DATE

REVISED BY: KWA
DATE: 6-22-84
DRAWING NUMBER: 15-200-B6-003
SHEET: 1

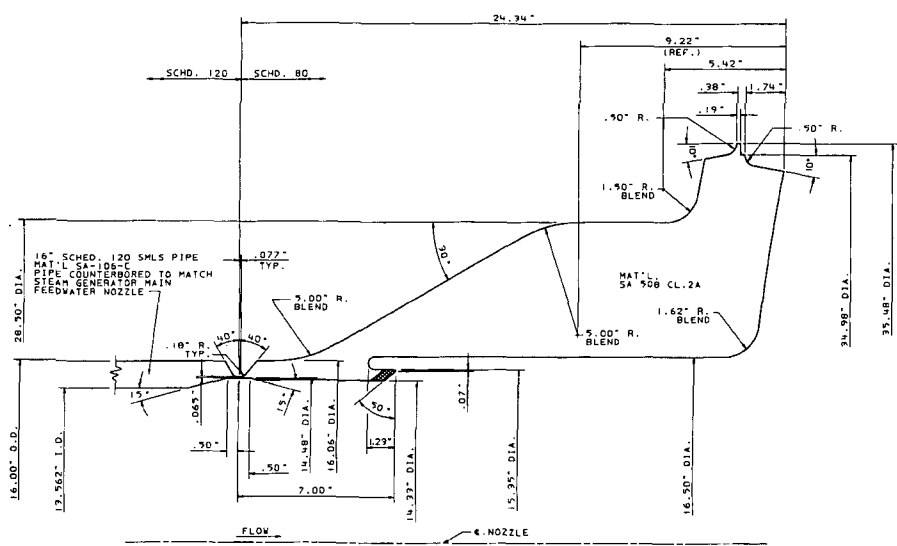
NO.	REV.	DESCRIPTION	DATE
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NO.	REV.	DESCRIPTION	DATE
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GEORGIA POWER COMPANY
MOBILE ELECTRIC GENERATING PLANT
INSERVICE INSPECTION EQPT. DWS
STEAM GENERATOR SYSTEM 1201

151-229-B6-004



- REFERENCE DRAWINGS (WESTINGHOUSE DWGS):
1. STEAM GENERATOR MODEL "F" - - - - - 15119642
 2. FEEDWATER NOZZLE FORGING - - - - - 6324841C
 3. FEEDWATER NOZZLE CLAD AND MACHINE - - - - - 1511E66C

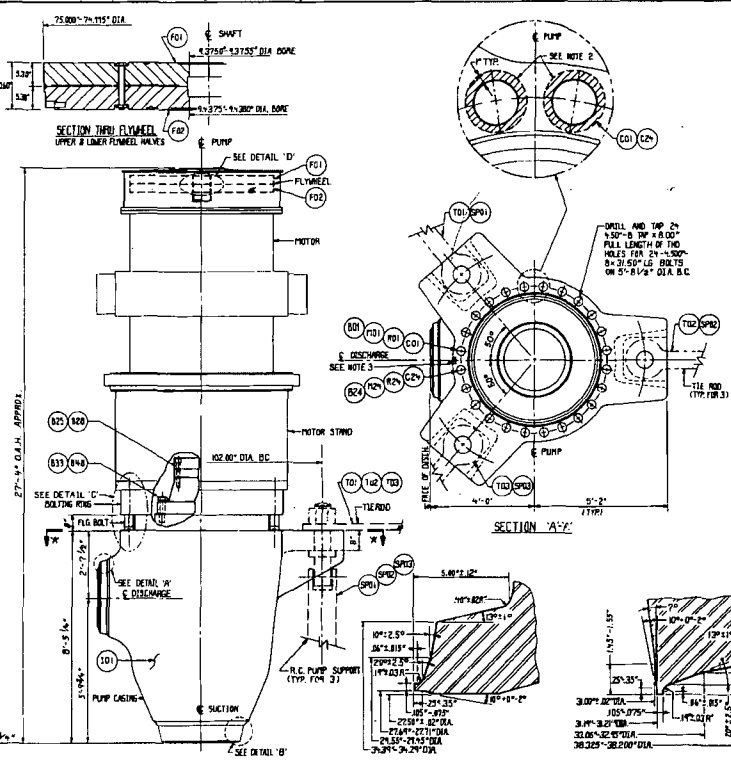
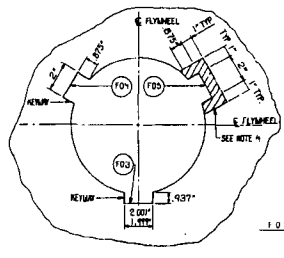
NOTES:
 1. NOZZLE HAS BEEN FINISHED 250% ALL OVER.

STEAM GENERATOR 11201-B6-004

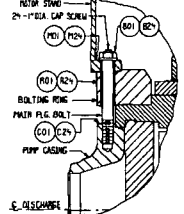
Southern Company Services, Inc.											
GEORGIA POWER COMPANY											
ISSUED FOR INSPECTION											
VOGTE ELECTRIC GENERATING PLANT UNIT 1 STEAM GENERATOR-MAIN FEEDWATER NOZZLE - SYSTEM 1005											
KWA W3 CUM											
151-229-B6-004											



EQUIPMENT IDENTIFICATION NUMBER	OR FIELD OR WELD EQUIP. DESCRIBER	PARTS EXAMINED	EXAM. METHOD	EXAMINATION METHOD AND ITEM NO.					
				VOL.	SURF.	VT1	VT2	VT3	VT4
1120-P6-001	R.C. PUMP	FLYWHEEL	VT						
1120-P6-001-001	BOLT	FLYWHEEL	VT						
1120-P6-001-002	FLYWHEEL	FLYWHEEL	VT						
1120-P6-001-003	FLYWHEEL	FLYWHEEL	VT						
1120-P6-001-004	FLYWHEEL	FLYWHEEL	VT						
1120-P6-001-005	FLYWHEEL	FLYWHEEL	VT						
1120-P6-001-006	FLYWHEEL	FLYWHEEL	VT						
1120-P6-001-007	FLYWHEEL	FLYWHEEL	VT						
1120-P6-001-008	FLYWHEEL	FLYWHEEL	VT						
1120-P6-001-009	FLYWHEEL	FLYWHEEL	VT						
1120-P6-001-010	FLYWHEEL	FLYWHEEL	VT						
1120-P6-001-011	FLYWHEEL	FLYWHEEL	VT						
1120-P6-001-012	FLYWHEEL	FLYWHEEL	VT						
1120-P6-001-013	FLYWHEEL	FLYWHEEL	VT						
1120-P6-001-014	FLYWHEEL	FLYWHEEL	VT						
1120-P6-001-015	FLYWHEEL	FLYWHEEL	VT						
1120-P6-001-016	FLYWHEEL	FLYWHEEL	VT						
1120-P6-001-017	FLYWHEEL	FLYWHEEL	VT						
1120-P6-001-018	FLYWHEEL	FLYWHEEL	VT						
1120-P6-001-019	FLYWHEEL	FLYWHEEL	VT						
1120-P6-001-020	FLYWHEEL	FLYWHEEL	VT						



PART NAME	CLASS	MATERIAL	NOS. WALL THICK OR SURF.	DESIGN PRESSURE	DESIGN TEMP.
FLYWHEEL	1	A-533			
PUMP CASING		A-351 CFB	VARIES	2450	650
BOLTING RING		HOLD			
FLANGE BOLTS		1500-B			
MOTOR STAND		3150-LG			



- NOTES:
- SEE IS1 PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - INSPECT 1" ANNULAR SURFACE OF FLANGE SURROUNDING EACH STUD, TYPICAL FOR MOTOR STAND FLG., BOLTING RING AND PUMP CASING.
 - 15" X 15" MARKING ETCHED INTO PUMP CASE, BOLTING RING AND MOTOR STAND.
 - EXAMINE INSIDE EACH RETURN AND CROSS MATCHED AREA AS SHOWN ON DET. D EACH END OF UPPER & LOWER FLYWHEEL.
 - THIS IS AN AUGMENTED EXAMINATION SEE IS1 PLAN.

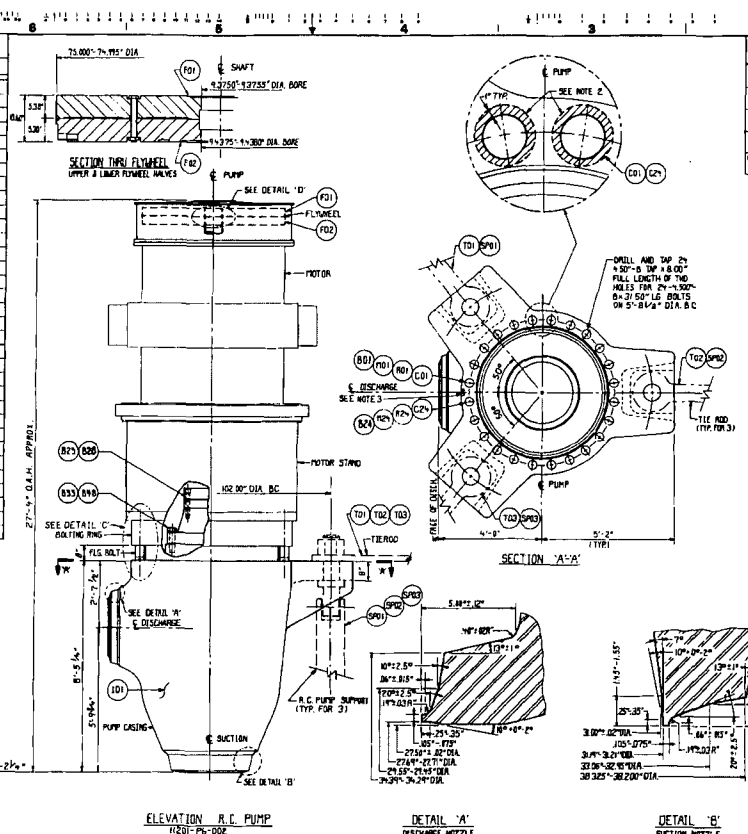
- REFERENCE DWGS:
- FLYWHEEL ASSY & PACKING DWG. 1120-P6-001-001
 - NOZZLE END PROP. DWG. 1120-P6-001-002
 - PUMP ASSY. DWG. 1120-P6-001-003
 - R.C. PUMP TIE RODS GEN. ARRANGEMENT 1120-P6-001-004
 - R.C. PUMP VERTICAL COLUMN SUPPORT 1120-P6-001-005
 - TIE ROD & BRACKET DET. 1120-P6-001-006

REVISION	DATE	DESCRIPTION
3	10-28-85	REMOVED WASHERS
2	4-7-85	REVISED AS NOTED
1	5-8-85	REVISED MATERIALS DELETED REF. DWG. 1 & RENUMBERED REF. DWGS
0	5-15-85	ISSUED FOR INSPECTION

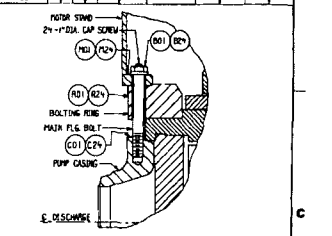
Southern Company Services, Inc.
 GEORGIA POWER COMPANY
 VOGTLE ELECTRIC GENERATING PLANT
 UNIT 1 - LOOP 1
 INSERVICE INSPECTION EQPT. DWG.
 REACTOR COOLANT PUMP-SYSTEM 1201

BY	CHECKED	APPROVED	DATE
W.S. KUB	EJO	W.S. KUB	10-28-85
W.S. KUB	W.S. KUB	W.S. KUB	4-7-85
W.S. KUB	W.S. KUB	W.S. KUB	5-8-85
W.S. KUB	W.S. KUB	W.S. KUB	5-15-85

EQUIPMENT IDENTIFICATION NUMBER	ORIG. OR EQUIP. NO.	PART DESCRIPTION	EXAM. REQ. (SEE NOTE 1)	EXAMINATION METHOD AND ITEM NO.			
				VOL.	SURF.	VT1	VT2	VT3	VT4
1201-P6-002	R.C. PUMP	FLYWHEEL ASSEMBLY					
1201-P6-002-001	BOLT	FLYWHEEL BOLT					
1201-P6-002-002	FLYWHEEL	FLYWHEEL					
1201-P6-002-003	FLYWHEEL	FLYWHEEL					
1201-P6-002-004	FLYWHEEL	FLYWHEEL					
1201-P6-002-005	FLYWHEEL	FLYWHEEL					
1201-P6-002-006	FLYWHEEL	FLYWHEEL					
1201-P6-002-007	FLYWHEEL	FLYWHEEL					
1201-P6-002-008	FLYWHEEL	FLYWHEEL					
1201-P6-002-009	FLYWHEEL	FLYWHEEL					
1201-P6-002-010	FLYWHEEL	FLYWHEEL					
1201-P6-002-011	FLYWHEEL	FLYWHEEL					
1201-P6-002-012	FLYWHEEL	FLYWHEEL					
1201-P6-002-013	FLYWHEEL	FLYWHEEL					
1201-P6-002-014	FLYWHEEL	FLYWHEEL					
1201-P6-002-015	FLYWHEEL	FLYWHEEL					
1201-P6-002-016	FLYWHEEL	FLYWHEEL					
1201-P6-002-017	FLYWHEEL	FLYWHEEL					
1201-P6-002-018	FLYWHEEL	FLYWHEEL					
1201-P6-002-019	FLYWHEEL	FLYWHEEL					
1201-P6-002-020	FLYWHEEL	FLYWHEEL					



PART NAME	CLASS (S.I. PROC.)	MATERIAL	NO. OF THREADED OR SIZES	DESIGN PRESSURE	DESIGN TEMP.
FLYWHEEL	1	A-533	VARIES	2400	650
PUMP CASING		A-533	VARIES	2400	650
BOLTING RING		CFB	HOLD		
FLANGE BOLTS			5.00" - 8"		
MOTOR STAND			3/4" - 1/2" L.G.		



- NOTES:
- SEE IS1 PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - INSPECT 1" ANNUAL SURFACE OF FLANGE SURROUNDING EACH STUD, TYPICAL FOR MOTOR STAND, FLG., BOLTING RING AND PUMP CASING.
 - PH + MATCH MARK ETCHED INTO PUMP CASE, BOLTING RING AND MOTOR STAND.
 - EXAMINE INSIDE EACH HOUSING AND CROSS MATCHED AREA AS SHOWN ON DET. D EACH END OF UPPER & LOWER FLYWHEEL.
 - THIS IS AN AUGMENTED EXAMINATION SEE IS1 PLAN.

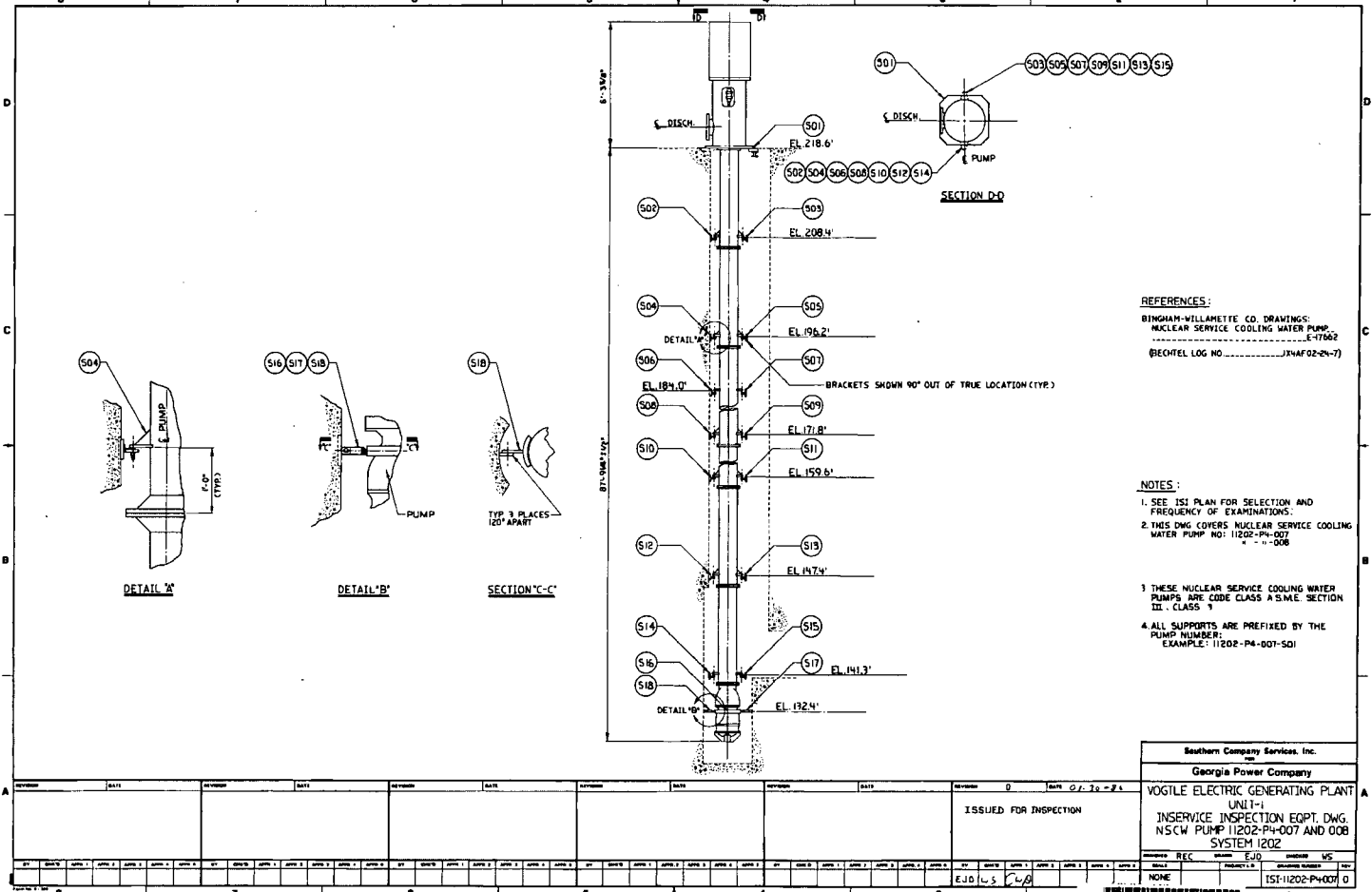
- REFERENCE DWGS:
- FLYWHEEL ASSY. & HOUSING DWG. - 1498F01 (WESTINGHOUSE DWG NO.)
 - NOZZLE END PREP DWG. - 1498B04-77-B
 - PUMP ASSY. DWG. - 1498B04-05-D
 - R.C. PUMP TIE RODS GEN. ARRANGEMENT - 1498B18-7-5
 - R.C. PUMP VERTICAL COLUMN SUPPORT - 1498B18-11-B
 - TIE ROD & BRACKET DET. - 1498B18-6-B

REVISION	DATE	DESCRIPTION
3	10-24-85	REMOVED WASHERS
2	9-2-85	REVISED AS NOTED
1	8-6-85	REVISED MATERIALS DELETED REF DWG 1 & RENUMBERED REF DWGS.
0	5-24-84	ISSUED FOR INSPECTION

Southern Company Services, Inc.
GEORGIA POWER COMPANY
 VOGTLE ELECTRIC GENERATING PLANT
 UNIT 1 - LOOP 2
 INSERVICE INSPECTION EQPT. DWG.
 REACTOR COOLANT PUMP-SYSTEM 1201

NO.	DATE	BY	CHECKED	APPROVED	REVISION	DATE	BY	CHECKED	APPROVED	REVISION	DATE	BY	CHECKED	APPROVED	REVISION	DATE	BY	CHECKED	APPROVED					
1	10/24/85	WLS	CUB		3	10/24/85	WLS	CUB		2	9/2/85	WLS	CUB		1	8/6/85	WLS	CUB		0	5/24/84	WLS	CUB	

SCALE: 1/4" = 1'-0"



REFERENCES:
 BINGHAM-WILLAMETTE CO. DRAWINGS:
 NUCLEAR SERVICE COOLING WATER PUMP
 E-17662
 BECHTEL LOG NO. JNVA02-24-7

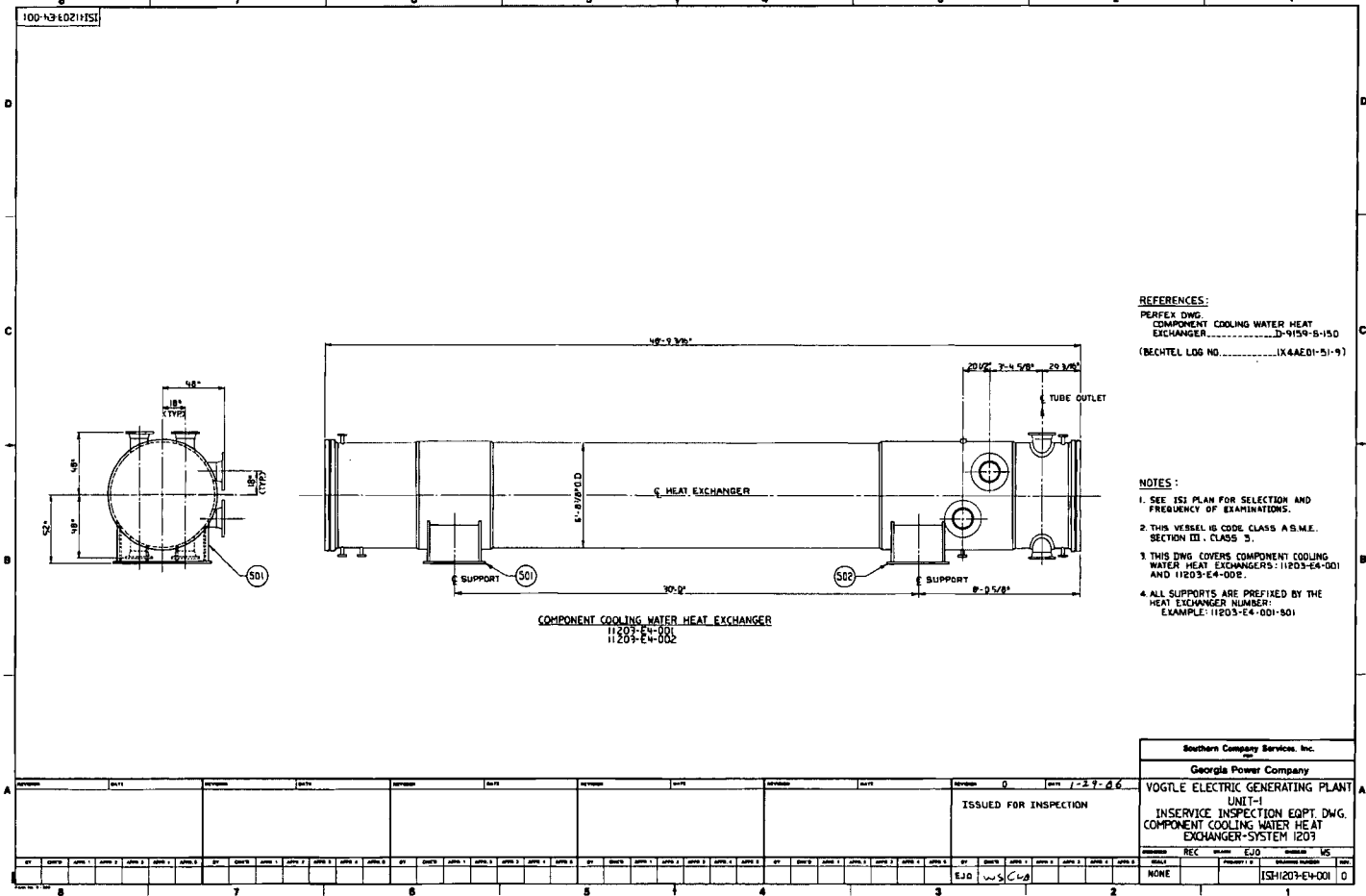
NOTES:
 1. SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 2. THIS DWG COVERS NUCLEAR SERVICE COOLING WATER PUMP NO: 11202-P4-007 AND 008
 IS - CLASS 9
 3. THESE NUCLEAR SERVICE COOLING WATER PUMPS ARE CODE CLASS A S.M.E. SECTION IS - CLASS 9
 4. ALL SUPPORTS ARE PREFIXED BY THE PUMP NUMBER:
 EXAMPLE: 11202-P4-007-S01

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 1-1	
INSERVICE INSPECTION EQPT. DWG.	
NSCW PUMP 11202-P4-007 AND 008	
SYSTEM 1202	
ISSUED FOR INSPECTION	REC EJD
DATE: 6/10/53	BY: C.L.B.
NONE	151-11202-P4-007 0



SCALING RULES

100-K34021HSI



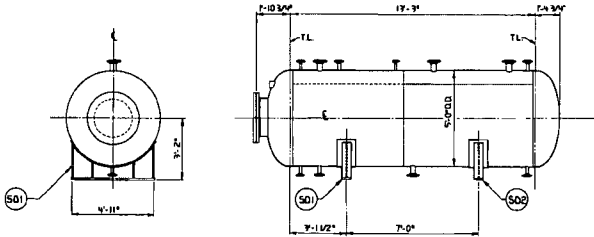
REFERENCES:
 PERFEX DWG.
 COMPONENT COOLING WATER HEAT EXCHANGER
 D-9159-B-150
 (BECHTEL LOG NO.IX44ED1-51-9)

NOTES:
 1. SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 2. THIS VESSEL IS CODE CLASS A.S.M.E. SECTION III, CLASS 3.
 3. THIS DWG COVERS COMPONENT COOLING WATER HEAT EXCHANGERS: 11203-E4-001 AND 11203-E4-002.
 4. ALL SUPPORTS ARE PREFRIBED BY THE HEAT EXCHANGER NUMBER: EXAMPLE: 11203-E4-001-S01

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT UNIT-1	
INSERVICE INSPECTION EQPT. DWG. COMPONENT COOLING WATER HEAT EXCHANGER-SYSTEM 1203	
REVISION	DATE
0	7-29-66
ISSUED FOR INSPECTION	
BY	DATE
EJD	7/29/66
REC	EJD
APPROVED	DATE
NONE	7/29/66
ISSUE NUMBER	1203
1	0



100-N-1021-1151



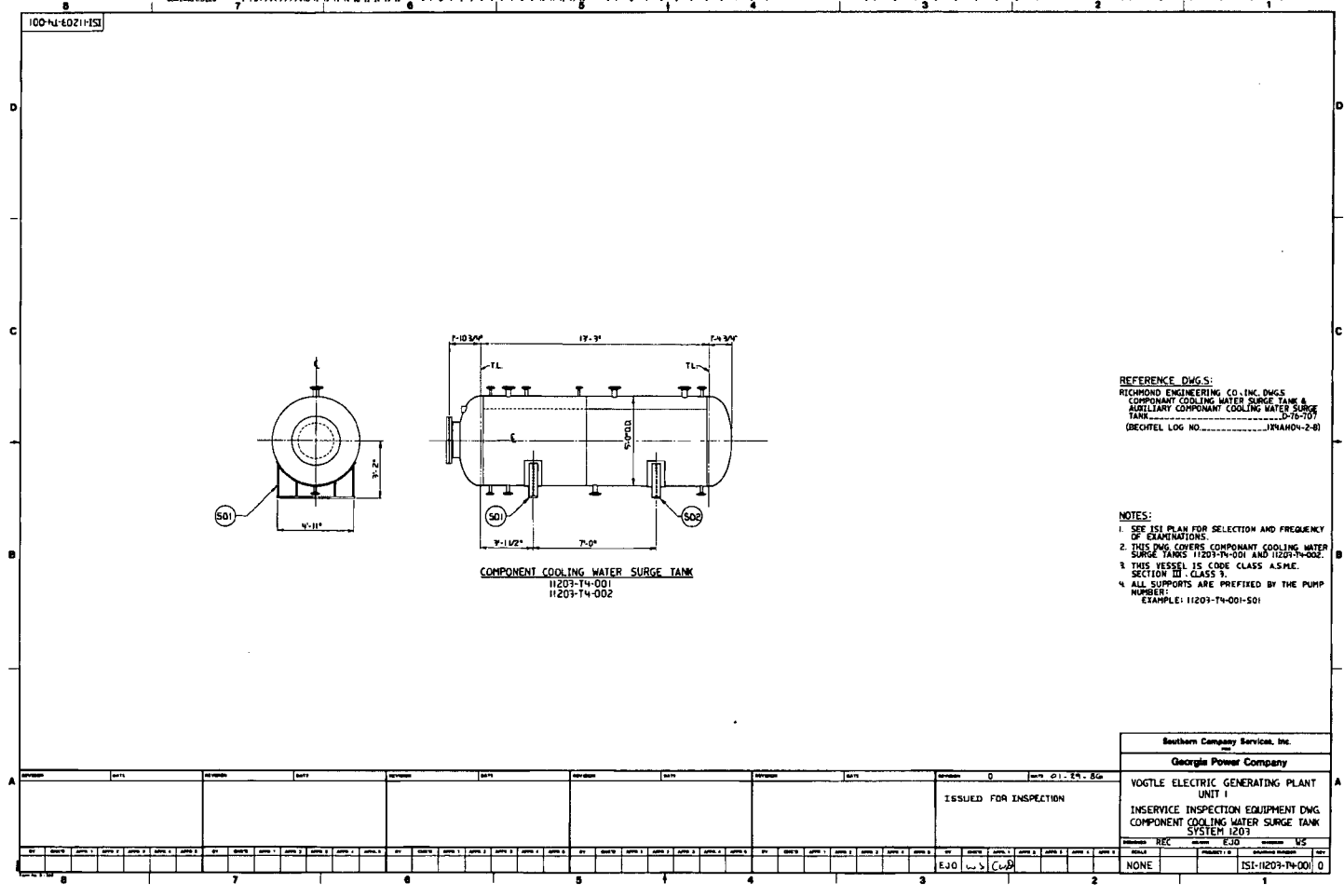
COMPONENT COOLING WATER SURGE TANK
11203-T4-001
11203-T4-002

REFERENCE DWGS:
RICHMOND ENGINEERING CO., INC. DWGS.
COMPONENT COOLING WATER SURGE TANK &
AUXILIARY COMPONENT COOLING WATER SURGE
TANK _____ D-76-707
(BEOFTEL LOG NO. _____) (TRAHOV-2-8)

- NOTES:
- SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - THIS DWG. COVERS COMPONENT COOLING WATER SURGE TANKS 11203-T4-001 AND 11203-T4-002.
 - THIS VESSEL IS CODE CLASS ASME, SECTION III, CLASS 3.
 - ALL SUPPORTS ARE PREFIXED BY THE PUMP NUMBER.
EXAMPLE: 11203-T4-001-501

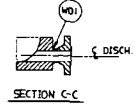
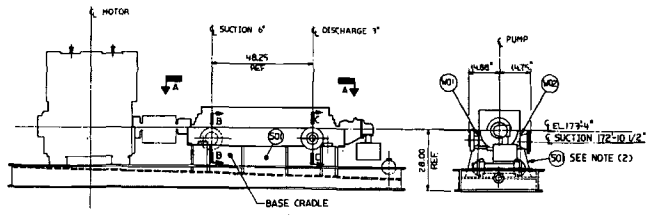
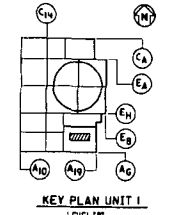
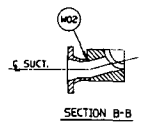
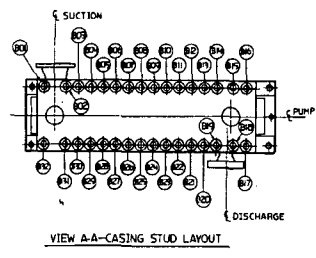
Southern Company Services, Inc.
Georgia Power Company

ISSUED FOR INSPECTION												DATE: 01-24-80	
VOGTLE ELECTRIC GENERATING PLANT UNIT 1													
INSERVICE INSPECTION EQUIPMENT DWG COMPONENT COOLING WATER SURGE TANK SYSTEM 1203													
EJD												DATE: 01-24-80	
NONE												DATE: 01-24-80	



EQUIPMENT OR WELD IDENTIFICATION NO.	WELD OR EQUIP. DESCRIB.	PART EXAMINED (SEE NOTE NO. 1)	EXAM. REQUIREMENT FIG.	EXAMINATION METHOD AND ITEM NO.				
				VOL.	SURF.	VT 1	VT 2	VT 3	VT 4
11204-P6-003	SAFETY INJ. PUMP	PRESS. RET. COMPONENT				C7.30		
11204-P6-003500	PUMP SUPPORT	LINEAR SUPPORT	INF-F00-1			F2.10		
11204-P6-003401	WELD	BEVEL & FLARE WELD	INC-2500-0			C6.10	C7.30	C7.31
11204-P6-00380732	PRESSURE REL. VAL.	CASE STUDS	INC-2500-0			C6.10		

PART NAME	CLASS	MATERIAL	NOM. WALL THICK. OR SIZE	DESIGN PRESS. PSIG	DESIGN TEMP.
PUMP CASING	2	SA-182 F 304	VARIES	1750	300°F
DISCH. NOZZLE			VARIES		
SUCTION NOZZLE			VARIES		
CASE STUD		SA-105 B7	2 1/8" DIA. 12N 2A		
BASE CRADLE		SA-30	VARIES		



REFERENCE DWGS.
 SAFETY INJECTION PUMP OUTLINE - 11204G02-10-7
 OPERATION AND MAINTENANCE MANUAL - 11204G02-10-0
 ISI ISOMETRIC - 11204-008

NOTES.
 1 SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 2 SUPPORT INCLUDES PUMP BASE ASSEMBLY.

REVISION	DATE	BY	CHKD	APPV	DATE	REVISION	DATE	BY	CHKD	APPV	DATE	REVISION	DATE	BY	CHKD	APPV	DATE	REVISION	DATE	BY	CHKD	APPV	DATE

Southern Company Services, Inc.
 Georgia Power Company

VOGTE ELECTRIC GENERATING PLANT
 UNIT 1
 INSERVICE INSPECTION EQPT DWG.
 SAFETY INJECTION PUMP 11204-P6-003
 SYSTEM 1204

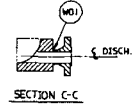
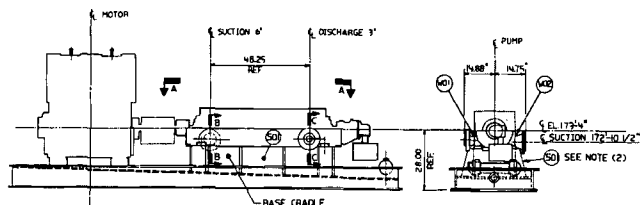
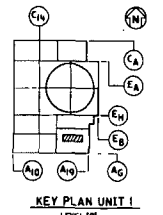
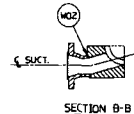
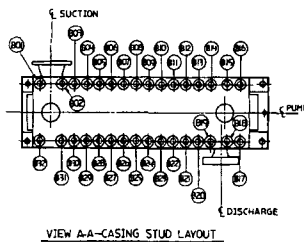
DATE: 7-19-85
 DATE: 1-14-88

REVISED AS NOTED
 ISSUED FOR INSPECTION

11204-P6-003

EQUIPMENT OR WELD IDENTIFICATION NO.	WELD OR EQUIP. DESCRIP.	PART EXAMINED (SEE NOTE NO. 1)	EXAM. REQUIRE. - PART FIG.	EXAMINATION METHOD AND ITEM NO.					
				VOL.	SURE	VT 1	VT 2	VT 3	VT 4
11204-P6-004	SAFETY INJ. PUMP	WELDS	---	---	---	C7.30 C7.31	---	---	---
11204-P6-004S2	PUMP SUPPORT	LINEAR SUPPORT	1WF-1000-1	---	---	F2.10 F2.30	---	---	---
11204-P6-004H01	WELD	WELDS	---	---	---	C7.30 C7.30	---	---	---
11204-P6-004B01	PRESSURE RET. BELT	CASE STUDS	1WC2500-6	C4.30	---	---	---	---	(SEE NOTE 2)

PART NAME	CLASS	MATERIAL	NOM. WALL THK. OR SIZE	DESIGN PRESS. PSIG	DESIGN TEMP.
PUMP CASING	2	212	SA-182 F 304	VARIABLE	1750
DISCH. NOZZLE			15-400#F		
SUCTION NOZZLE			15-400#F		
CASE STUD			SA-193 B7 2 1/8" DIA. (N. 2A)		
BASE CRADLE			SA-36	VARIABLE	



REFERENCE DWGS.
 SAFETY INJECTION PUMP OUTLINE... 11204-02-10-7
 OPERATION AND MAINTENANCE MANUAL... 11204-02-10-1
 IS1 ISOMETRIC... 11204-02-10-1

NOTES.
 1. USE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 2. SUPPORT INCLUDES PUMP BASE ASSEMBLY.
 3. CAP NUTS DO NOT ALLOW PRE-SERVICE INSPECTION OF CASE STUDS.

DATE	BY	REVISION	DESCRIPTION
11-14-85	...	0	ISSUED FOR INSPECTION
9-10-85	...	1	REVISED AS NOTED
...	...	2	ADDED NOTE 3

Southern Company Services, Inc.
 Georgia Power Company

VOGTE ELECTRIC GENERATING PLANT
 UNIT 1
 INSERVICE INSPECTION EGMT. DWG.
 SAFETY INJECTION PUMP 11204-P6-004
 SYSTEM 1204

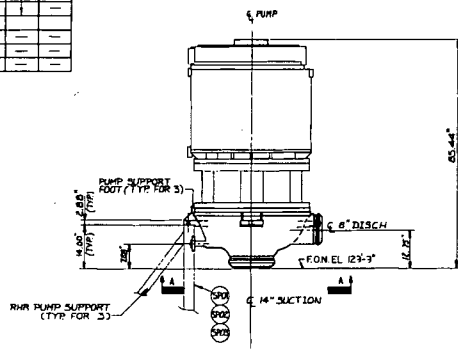
DATE: 11-14-85
 DRAWN BY: ...
 CHECKED BY: ...
 APPROVED BY: ...



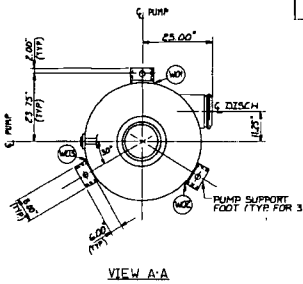
SCALE: 1/2" = 1'-0"

EQUIPMENT OR WELD IDENTIFICATION NUMBER	WELD OR EQUIP. DESCRIP.	SHIFT EXAMINED (NO. 1)	EXAM. REQUIREMENT FIG.	EXAMINATION METHOD AND ITEM NO.					
				VOL.	SURF.	VT1	VT2	VT3	VT4
1205-P6-001	RHR PUMP CASTING	1	100			1	2		
1205-P6-001-SP1	WELD	1	100					1	2
1205-P6-001-SP2	WELD	1	100						1
1205-P6-001-SP3	WELD	1	100						

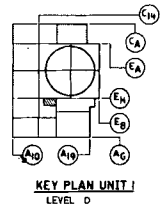
PART NAME	CLASS	MATERIAL	NOM. WALL THICK. OR SIZE	DESIGN PRESS.	DESIGN TEMP.
PUMP CASTING	2	SA-304 F 304	VARIE 5	600	400
PUMP SPLIT FEET	2	SA-240 Ty 304	288"		



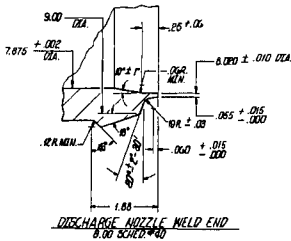
ELEVATION-RHR PUMP
1205-P6-001



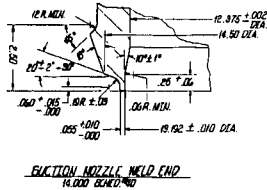
VIEW A-A



KEY PLAN UNIT
LEVEL D



DISCHARGE NOZZLE WELD END
8.00 DIA. (TYP.)



SUCTION NOZZLE WELD END
14.00 DIA. (TYP.)

REFERENCE DWGS:
INGERSOLL RAND DWGS:
RHR PUMP - 118AF02-26

NOTES:
1. SEE IS1 PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.

Southern Company Services, Inc.
Georgie Power Company

MOBILE ELECTRIC GENERATING PLANT
UNIT 1
INSERVICE INSPECTION EQPT DWG.
RHR PUMP P6-001-SYSTEM 1205

ISSUED FOR INSPECTION

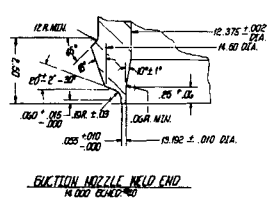
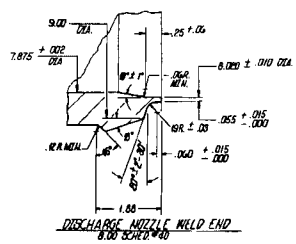
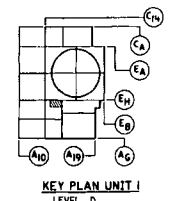
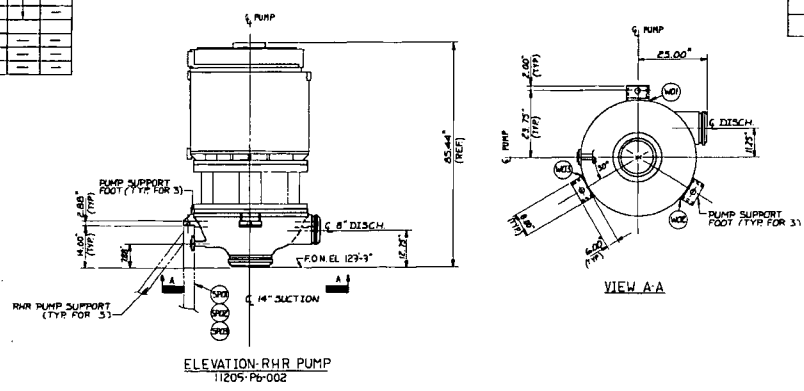
DRAWN BY: *WLS* / *WLS*
CHECKED BY: *WLS* / *WLS*

NO.	DATE	REVISION	BY	CHECKED	DATE	NO.	DATE	REVISION	BY	CHECKED	DATE



EQUIPMENT OR WELD IDENTIFICATION NUMBER	WELD OR EQUIP. DISCRIP.	PART EXAMINED (SEE NOTE NO. 1)	EXAM. METHOD (SEE NOTE NO. 2)	EXAMINATION METHOD AND ITEM NO.					
				VOL.	SURF.	VT1	VT2	VT3	VT4
11205-P6-002	RHR PUMP SUPPORT	WELD	RT						
1205-P6-002-01	RHR PUMP SUPPORT	WELD	RT						
1205-P6-002-02	RHR PUMP SUPPORT	WELD	RT						

PART NAME	CLASS	MATERIAL	NOM. WALL THICK. OR SIZE	DESIGN PRESS.	DESIGN TEMP.
PUMP CASING	2	SA-182	2"	600	400
PUMP SPT. FEET	2	SA-240	288"		



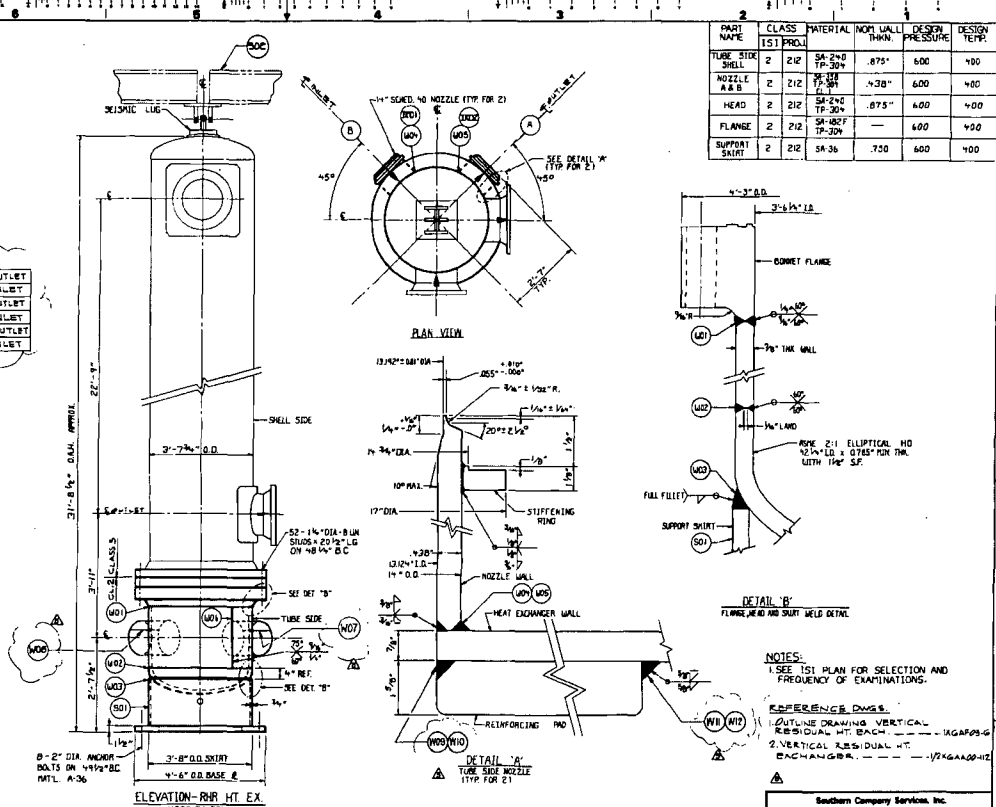
REFERENCE DWGS:
 INGERSOLL RAND DWGS:
 RHR PUMP --- 126AF02-26

NOTES:
 1. SEE IS1 PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.

Southern Company Services, Inc.									
Georgia Power Company									
MOGTE ELECTRIC GENERATING PLANT									
UNIT-1									
INSERVICE INSPECTION EQPT. DWG.									
RHR PUMP P6-002-SYSTEM 1205									
ISSUED FOR INSPECTION									
DATE	BY	CHKD	APP'D	DATE	BY	CHKD	APP'D	DATE	BY

NO.	DATE	BY	CHKD	APP'D	NO.	DATE	BY	CHKD	APP'D
1					1				

EQUIPMENT OR WELD IDENTIFICATION NUMBER	WELD OR PART EXAMINED (DESCRIP. DETAIL NO. 1)	EXAM. REQUIRE. (MONT. FIG. NO. 1)	EXAMINATION METHOD AND ITEM NO.						
			VOL.	SUP.	VT1	VT2	VT3	VT4	
D 1205-ES-001-001	SUPPORT SKIRT	SELF							VT10
1205-ES-001-002	FLANGE	SELF							VT10
1205-ES-001-003	NOZZLE A & B	SELF							VT10
1205-ES-001-004	HEAD	SELF							VT10
1205-ES-001-005	TUBE SIDE SHELL	SELF							VT10
1205-ES-001-006	NOZZLE A & B	SELF							VT10
1205-ES-001-007	HEAD	SELF							VT10
1205-ES-001-008	TUBE SIDE SHELL	SELF							VT10
1205-ES-001-009	NOZZLE A & B	SELF							VT10
1205-ES-001-010	HEAD	SELF							VT10
1205-ES-001-011	TUBE SIDE SHELL	SELF							VT10
1205-ES-001-012	NOZZLE A & B	SELF							VT10
1205-ES-001-013	HEAD	SELF							VT10
1205-ES-001-014	TUBE SIDE SHELL	SELF							VT10
1205-ES-001-015	NOZZLE A & B	SELF							VT10
1205-ES-001-016	HEAD	SELF							VT10
1205-ES-001-017	TUBE SIDE SHELL	SELF							VT10
1205-ES-001-018	NOZZLE A & B	SELF							VT10
1205-ES-001-019	HEAD	SELF							VT10
1205-ES-001-020	TUBE SIDE SHELL	SELF							VT10
1205-ES-001-021	NOZZLE A & B	SELF							VT10
1205-ES-001-022	HEAD	SELF							VT10
1205-ES-001-023	TUBE SIDE SHELL	SELF							VT10
1205-ES-001-024	NOZZLE A & B	SELF							VT10
1205-ES-001-025	HEAD	SELF							VT10
1205-ES-001-026	TUBE SIDE SHELL	SELF							VT10
1205-ES-001-027	NOZZLE A & B	SELF							VT10
1205-ES-001-028	HEAD	SELF							VT10
1205-ES-001-029	TUBE SIDE SHELL	SELF							VT10
1205-ES-001-030	NOZZLE A & B	SELF							VT10
1205-ES-001-031	HEAD	SELF							VT10
1205-ES-001-032	TUBE SIDE SHELL	SELF							VT10
1205-ES-001-033	NOZZLE A & B	SELF							VT10
1205-ES-001-034	HEAD	SELF							VT10
1205-ES-001-035	TUBE SIDE SHELL	SELF							VT10
1205-ES-001-036	NOZZLE A & B	SELF							VT10
1205-ES-001-037	HEAD	SELF							VT10
1205-ES-001-038	TUBE SIDE SHELL	SELF							VT10
1205-ES-001-039	NOZZLE A & B	SELF							VT10
1205-ES-001-040	HEAD	SELF							VT10



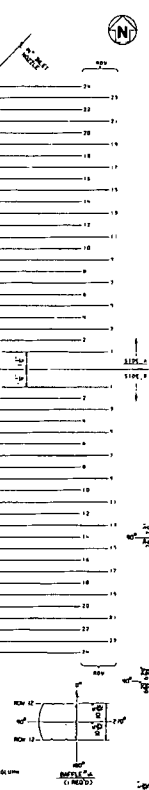
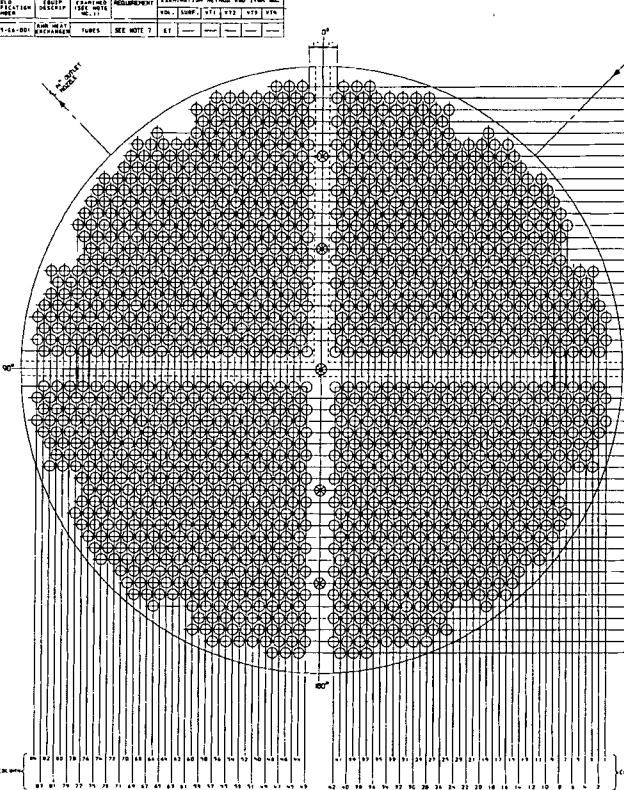
NO.	DATE	BY	DESCRIPTION
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2	8-18-82	[Signature]	REVISED AS-NOTED
3	4-5-85	[Signature]	CHANGED EXAMINATION METHOD ADDED SUR COMPANMENT SEISMIC SUPPORT
4	5-13-87	[Signature]	ISSUED FOR INSPECTION

Southern Company Services, Inc.	
GEORGIA POWER COMPANY	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT-1	
INSERVICE INSPECTION EQPT. DUG.	
R.H.R. HEAT EXCHANGER-SYSTEM 1205	
ISSUED BY	[Signature]
CHECKED BY	[Signature]
DATE	5/11/82
PROJECT NO.	1205-ES-001
DATE	3

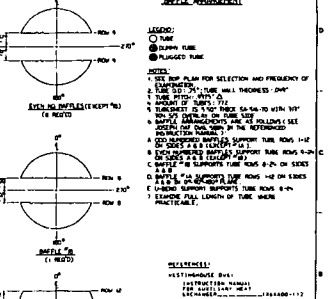
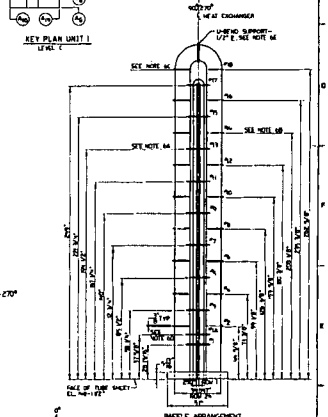
100-93-1603-15

REVISION NO.	DATE	BY	CHKD.	DESCRIPTION
1	11/20/64	...	...	...

ITEM NO.	DESCRIPTION	QTY	UNIT
1



ITEM NO.	DESCRIPTION	QTY	UNIT
1

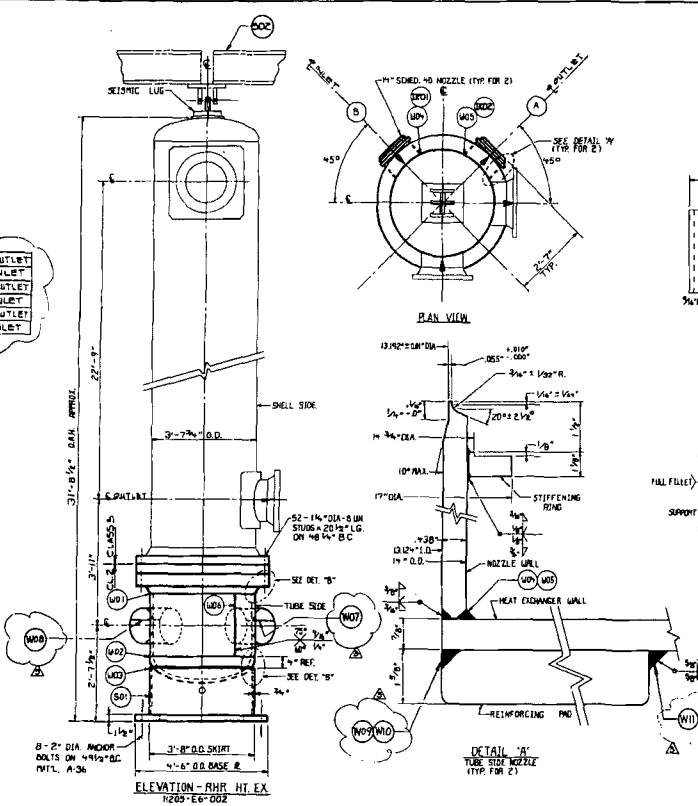


NO.	DESCRIPTION	QTY	UNIT
1

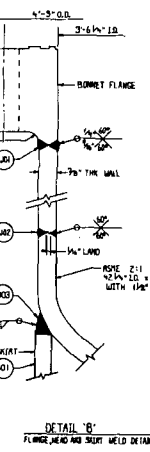
Issued for inspection

GEORGIA POWER COMPANY
 VOLTE ELECTRIC GENERATING
 PLANT UNIT 1
 INSERVICE INSPECTION REPORT DVG
 HR-HEAT EXCHANGER-575, 1203
 11/20/64

EQUIPMENT OR WELD IDENTIFICATION NUMBER	WELD OR EQUIP. DESIGN.	PART EXAMINED (SEE NOTE NO. 1)	EXAM. REQUIRE. (MENT FIG.)	EXAMINATION METHOD AND ITEM NO.					
				VOL.	SER.	V1	V2	V3	V4
1205-EG-002-01	RUFFIN	SHLL TOP	WJF-100-1					FLIG	
1205-EG-002-01	B.M.	SHLL	WJF-2500-1	C1.10					
1205-EG-002-01	W02	SHLL	WJF-2500-5	C2.10					
1205-EG-002-01	W03	SHLL	WJF-2500-3	C2.21					
1205-EG-002-01	W04	SHLL	WJF-2500-4	C2.22					
1205-EG-002-01	W05	SHLL	WJF-2500-6	C2.23					
1205-EG-002-01	W06	SHLL	WJF-2500-7	C2.24					
1205-EG-002-01	W07	SHLL	WJF-2500-8	C2.25					
1205-EG-002-01	W08	SHLL	WJF-2500-9	C2.26					
1205-EG-002-01	W09	SHLL	WJF-2500-10	C2.27					
1205-EG-002-01	W10	SHLL	WJF-2500-11	C2.28					
1205-EG-002-01	W11	SHLL	WJF-2500-12	C2.29					
1205-EG-002-01	W12	SHLL	WJF-2500-13	C2.30					



PART NAME	CLASS	MATERIAL	WPT THKN.	DESIGN PRESSURE	DESIGN TEMP.
TUBE SIDE SHLL	2	SA-240 TP-304	.875"	600	400
NOZZLE A-B-S	2	SA-240 TP-304	.438"	600	400
HEAD	2	SA-240 TP-304	.875"	600	400
FLANGE	2	SA-240 TP-304		600	400
SUPPORT SKIRT	2	SA-36	.700	600	400



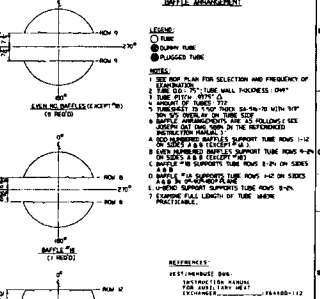
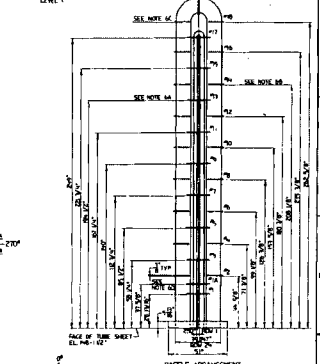
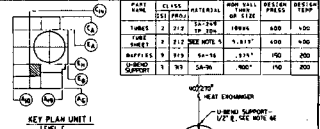
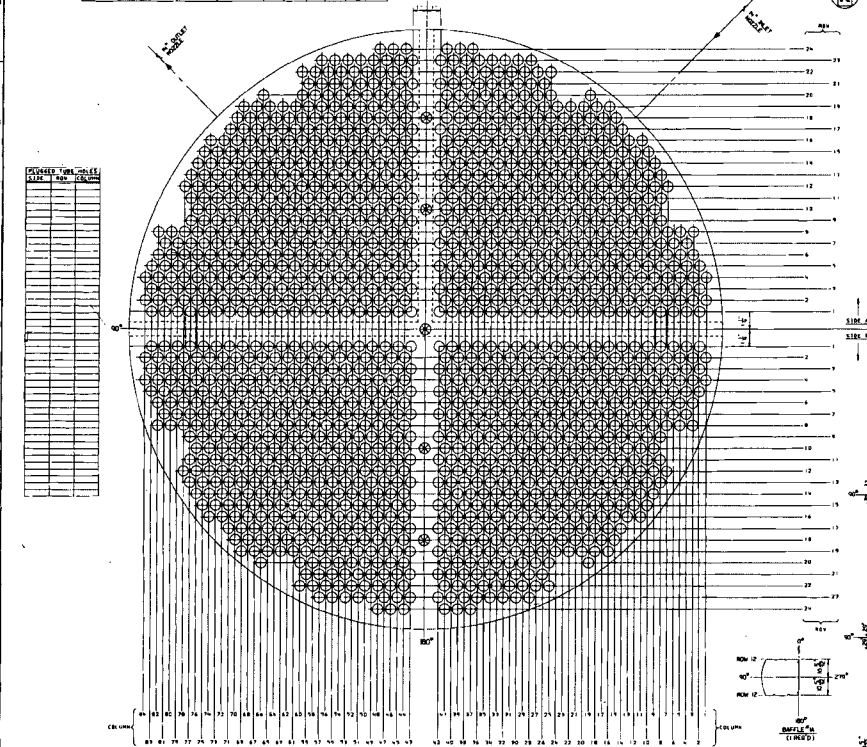
NOTES:
 1. SEE IS1 PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 2. REFER TO IS1 PLAN FOR EXAMINATION OF VERTICAL RESIDUAL WT. EXCH. - 1/2\"/>

Southern Company Services, Inc.	
GEORGIA POWER COMPANY	
VOGTLÉ ELECTRIC GENERATING PLANT UNIT - 1	
INSERVICE INSPECTION EQPT. DNG. R.H.R. HEAT EXCHANGER - SYSTEM 1205	
DATE	BY
2/24/91	WJF

REVISION 1	DATE 2/24/91	REVISION 2	DATE 2-18-91	REVISION 3	DATE 2-5-95	REVISION 4	DATE 4-12-97
	ADDED REFERENCE DNGS, WELDS NO. W07 THRU W12.		REVISED AS-NOTED		CHANGED EXAMINATION METHOD ADDED 438 COMPONENT SEISMIC SUPPORT		ISSUED FOR INSPECTION
BY	WJF	BY	WJF	BY	WJF	BY	WJF
CHKD	WJF	CHKD	WJF	CHKD	WJF	CHKD	WJF
APPV	WJF	APPV	WJF	APPV	WJF	APPV	WJF
DATE	2/24/91	DATE	2-18-91	DATE	2-5-95	DATE	4-12-97

200-93-6001-150	REVISION OR REVISION NUMBER	DATE MM-DD-YY	BY INITIALS	REASON DESCRIPTION	EXAMINATION METHOD AND ITEM NO.
1-1203-64-002	1			TYPE 6 SEE NOTE 7	BY VES 276

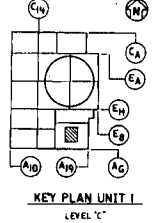
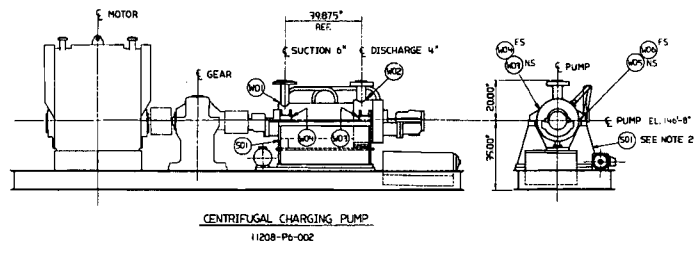
ITEM	CLASS	QUANTITY	UNIT	REVISION	REVISION
TUBES	2 1/2"	10724	PCS	400	400
TUBES	2 1/2"	SEE NOTE 5	PCS	400	400
BUZZERS	3/8"	10-18	PCS	150	200
SUPPORT	1 1/2"	2476	PCS	150	200



TUBE ARRANGEMENT FOR HE EXCHANGER 1-1203-64-002		DRAWING TITLE	
Northern Company Services, Inc.		GEORGIA POWER COMPANY	
DESIGNED FOR INSPECTION		WESTINGHOUSE GENERATING PLANT - UNIT INSERVICE INSPECTION DEPT. DIV. RHR HEAT EXCHANGERS - SFS, 1203-64-002	
DATE	BY	DATE	BY

EQUIPMENT OR WELD IDENTIFICATION NO.	WELD OR EQUIP. DESCRIP.	PART EXAMINED (SEE NOTE NO. 1)	EXAM. REQUIREMENT FIG.	EXAMINATION METHOD AND ITEM NO.							
				VOL.	SURE	V11	V12	V13	V14		
11208-P6-002	SUCTION NOZZLE	WELD	—	—	—	—	—	—	—	—	—
11208-P6-002-S01	SUPPORT BRACKET	WELD	—	—	—	—	—	—	—	—	—
11208-P6-002	DISCH. FLANGE	WELD	—	—	—	—	—	—	—	—	—
11208-P6-002	SUCTION FLANGE	WELD	—	—	—	—	—	—	—	—	—
11208-P6-002	DISCH. NOZZLE	WELD	—	—	—	—	—	—	—	—	—
11208-P6-002	SUPPORT BRACKET	WELD	—	—	—	—	—	—	—	—	—

PART NAME	CLASS	MATERIAL	MON. WALL THICK. OR SIZE	DESIGN PRESS.	DESIGN TEMP.
PUMP CASTING	E	E12	VARIES	6000	300°F
DISCH. NOZZLE	E	E12	4"	6000	
SUCTION NOZZLE	E	E12	6"	6000	
DISCH. FLANGE	E	E12	1800 P.R.F.	6000	
SUCTION FLANGE	E	E12	6x150 P.R.F.	6000	
SUPPORT BRACKET	E	E12	VARIES		



REFERENCE DRGS.
CENTRIFUGAL CHARGING PUMP OUTLINE (16)WAGE-65-7
PUMP AND MOTOR DATA (16)WAGE-66-6

NOTES:
1. SEE ISL PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
2. SUPPORT INCLUDES PUMP BASE.
3. WALL THICKNESS OF 6" SUCTION NOZZLE IS 0.750" MIN. TO 0.785" MAX. (FIELD MEASURED)

Southern Company Services, Inc.												
Georgia Power Company												
VOGTE ELECTRIC GENERATING PLANT UNIT-1 INSERVICE INSPECTION EQPT. DWG. CENTRIFUGAL CHARGING PUMP P6-002 SYSTEM 1208												
REVISED AS NOTED	ISSUED FOR INSPECTION											
DATE	BY	DATE	BY	DATE	BY	DATE	BY	DATE	BY	DATE	BY	
DATE	BY	DATE	BY	DATE	BY	DATE	BY	DATE	BY	DATE	BY	
	BST	M8			BST	K/S						

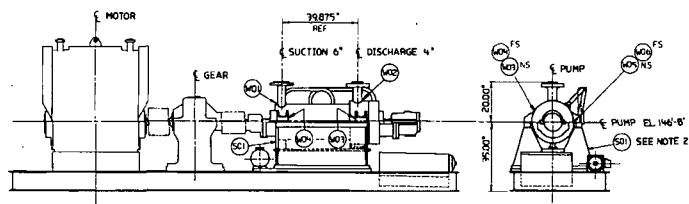
REVISED AS NOTED	ISSUED FOR INSPECTION						
DATE	BY	DATE	BY	DATE	BY	DATE	BY
	BST	M8			BST	K/S	

NUMBER	BY	DATE	REVISION
1	BST		
PROJECT I.S.		DRAWING NUMBER	
NONE		115H208P6-002 1	

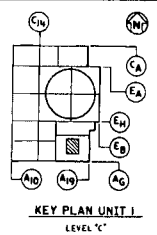
SCALING RULES

EQUIPMENT OR WELD IDENTIFICATION NO.	WELD OR EQUIP. DESCRIP.	PART EXAMINED (SEE NOTE NO. 1)	EXAM. REQUIREMENT FIG.	EXAMINATION METHOD AND ITEM NO.			
				VOL.	SURF.	VT1	VT2	VT3	VT4
11208-P6-003	CUTTING PRESSURE WELD	---	---	---	---	CT30	---
11208-P6-003-S01	WELD SUPPORT	---	---	---	---	FT30	---
11208-P6-003-W01	WELD	WELDED WELD	---	---	---	CT30	---
11208-P6-003-N01	WELD	WELDED WELD	---	---	---	CT30	---
11208-P6-003-N02	WELD	WELDED WELD	---	---	---	CT30	---
11208-P6-003-N03	WELD	WELDED WELD	---	---	---	CT30	---
11208-P6-003-N04	WELD	WELDED WELD	---	---	---	CT30	---
11208-P6-003-N05	WELD	WELDED WELD	---	---	---	CT30	---
11208-P6-003-N06	WELD	WELDED WELD	---	---	---	CT30	---

PART NAME	CLASS	MATERIAL	NOM. WALL THICK. ON SIZE	DESIGN PRESS.	DESIGN TEMP.
PUMP CASING	E	212	VARIES	2000	302°F
DISCH. NOZZLE	E	212	4"	2000	
SUCTION NOZZLE	E	212	6"	2000	
DISCH. FLANGE	E	212	4" 150# A.F.	2000	
SUCTION FLANGE	E	212	6" 150# A.F.	2000	
SUPPORT BRACKET	E	212	VARIES		



CENTRIFUGAL CHARGING PUMP
11208-P6-003



REFERENCE DWGS.
CENTRIFUGAL CHARGING PUMP OUTLINE LEGAND-05-7
PUMP AND MOTOR DATA LEGAND-06-6

- NOTES:
- SEE KEY PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - SUPPORT INCLUDES PUMP BASE.
 - WALL THICKNESS OF 6" SUCTION NOZZLE IS 0.750" MIN TO 0.765" MAX. (FIELD MEASURED)

Southern Company Services, Inc.											
Georgia Power Company											
VOGTELE ELECTRIC GENERATING PLANT											
UNIT-1											
INSERVICE INSPECTION EQPT. DWG.											
CENTRIFUGAL CHARGING PUMP P6-003											
SYSTEM 1208											
REVISION 1											
REVISION 2											
REVISION 3											
REVISION 4											
REVISION 5											
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REVISION 100											

REVISED AS NOTED

ISSUED FOR INSPECTION

DATE	BY	CHK	APP
11-10-85	BST	MB	
12-5-85	BST	MB	

DATE	BY	CHK	APP
11-10-85	BST	MB	
12-5-85	BST	MB	

DATE	BY	CHK	APP
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DATE	BY	CHK	APP
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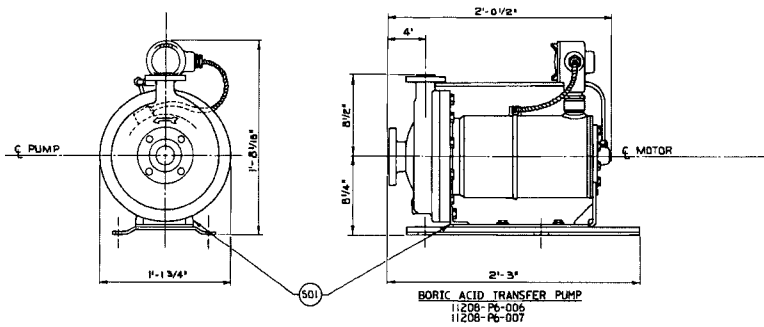
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DATE	BY	CHK	APP
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SCALING RULES

900-94-B02(1-151)



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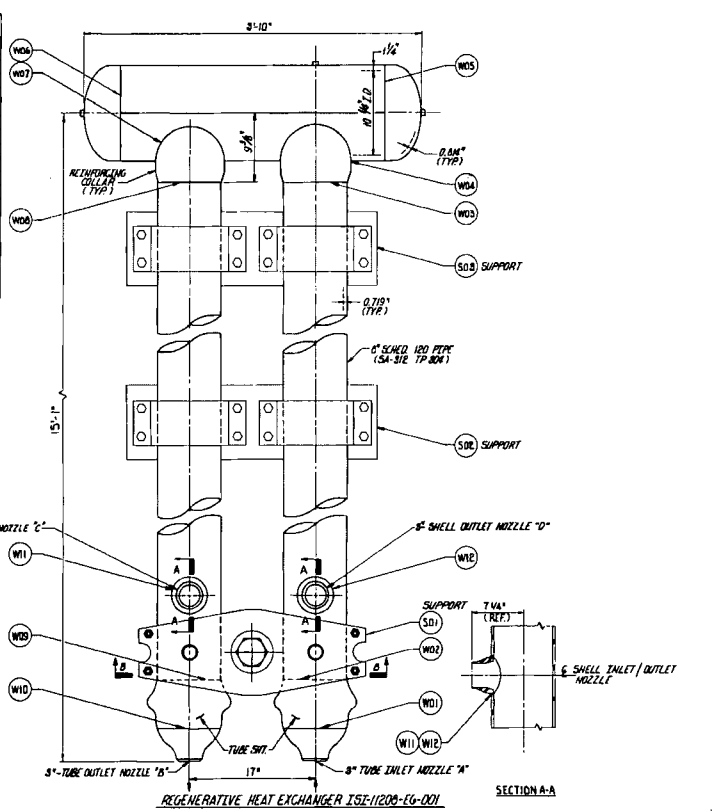
CRANE CO. DWG.
BORIC ACID TRANSFER PUMP.....62251
(BECHTEL LOG NO.....1K8AHS2-45-9)

NOTES:

1. SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAM.
2. THIS PUMP IS CODE CLASS A.3.M.E. SECTION III, CLASS 3.
3. ALL SUPPORTS ARE PREFIXED BY PUMP NUMBER:
EXAMPLE: 11208-P6-006-S01
4. THIS DWG COVERS BORIC ACID TRANSFER PUMPS 11208-P6-006 AND 11208-P6-007.

<p style="text-align: right;">Southern Company Services, Inc. FOR Georgia Power Company</p> <p style="text-align: right;">VOGTLE ELECTRIC GENERATING PLANT UNIT I INSERVICE INSPECTION EQUIP. DWG. BORIC ACID TRANSFER PUMP SYSTEM 1208</p>											
ISSUED FOR INSPECTION										<p>DATE 01-30-81</p>	
BY	DATE	BY	DATE	BY	DATE	BY	DATE	BY	DATE	BY	DATE
<p>REC EJD</p>										<p>DATE 01-30-81</p>	
<p>NAME</p>										<p>15F1208-P6004 0</p>	

WELD IDENTIFICATION NO.	WELD GROUP	PART EXAMINED	EXAM. PROCEDURE	EXAMINATION METHOD AND ITEM NO.			
				VT-1	VT-2	VT-3	VT-4
11208-E6-001-W01	SW	SHIELD METAL	AWC 2500-2	ET-30			
11208-E6-001-W02	SW	SHIELD METAL	AWC 2500-2	ET-30			
11208-E6-001-W03	SW	SHIELD METAL	AWC 2500-2	ET-30			
11208-E6-001-W04	SW	SHIELD METAL	AWC 2500-2	ET-30			
11208-E6-001-W05	SW	SHIELD METAL	AWC 2500-2	ET-30			
11208-E6-001-W06	SW	SHIELD METAL	AWC 2500-2	ET-30			
11208-E6-001-W07	SW	SHIELD METAL	AWC 2500-2	ET-30			
11208-E6-001-W08	SW	SHIELD METAL	AWC 2500-2	ET-30			
11208-E6-001-W09	SW	SHIELD METAL	AWC 2500-2	ET-30			
11208-E6-001-W10	SW	SHIELD METAL	AWC 2500-2	ET-30			
11208-E6-001-W11	SW	SHIELD METAL	AWC 2500-2	ET-30			
11208-E6-001-W12	SW	SHIELD METAL	AWC 2500-2	ET-30			
11208-E6-001-W13	SW	SHIELD METAL	AWC 2500-2	ET-30			
11208-E6-001-W14	SW	SHIELD METAL	AWC 2500-2	ET-30			
11208-E6-001-W15	SW	SHIELD METAL	AWC 2500-2	ET-30			
11208-E6-001-W16	SW	SHIELD METAL	AWC 2500-2	ET-30			
11208-E6-001-W17	SW	SHIELD METAL	AWC 2500-2	ET-30			
11208-E6-001-W18	SW	SHIELD METAL	AWC 2500-2	ET-30			
11208-E6-001-W19	SW	SHIELD METAL	AWC 2500-2	ET-30			
11208-E6-001-W20	SW	SHIELD METAL	AWC 2500-2	ET-30			



PART NAME	CLASS	MATERIAL	MIN WALL THICKNESS	DESIGN PRESS	DESIGN TEMP
8" SHELL INLET NOZZLE	2	SA312 304	5/16	PSIG SEE NOTE 2	650 F
8" SHELL OUTLET NOZZLE					
SHELL HEAD		SA312 304	0.718		
TUBE SHEET		SA312 304	0.814		
SUPPORTS		SA312 304			
REINFORCING COLLARS		SA-102 F 304	1.125		

REFERENCE DESIGNS:
 1. JOSEPH DAT CORPORATION, OUTLINE DWG. REGENERATIVE HEAT EXCHANGER... 6086 REV 6

NOTES:
 1. SEE IS1 PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 2. DESIGN PRESSURE TUBE SIDE 3100 PSIG. DESIGN PRESSURE SHELL SIDE 2400 PSIG.

REVISION	DATE	DESCRIPTION
1	10-85	REVISED AS NOTED
2	3-23-85	ISSUED FOR INSPECTION

Southern Company Services, Inc.
 Georgia Power Company

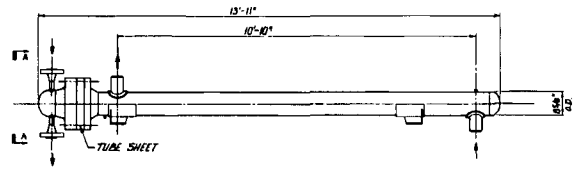
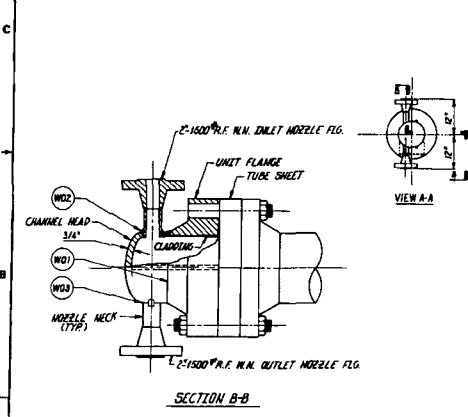
VOTALE ELECTRIC GENERATING PLANT
 UNIT #1

INSERVICE INSPECTION EQUIPMENT DRAWING
 REGENERATIVE HEAT EXCHANGER 11208-E6-001

DRAWING NO. 11208-E6-001

WELD IDENTIFICATION NO.	WELD OR EQUIP. DESCR.	PART EXAMINED	EXAM. REQ'T. FIG.	EXAMINATION METHOD AND ITEM NO.					
				VOL.	SURF.	VT-1	VT-2	VT-3	VT-4
11200-EG-002-W01	BLW. SLEEVE PLASMA WELD CHANNEL HEAD	CHANNEL HEAD	CP-3						
11200-EG-002-W02	WELT WELD W/CH CHANNEL W/CLASPTAG	CHANNEL HEAD	CP-3						
11200-EG-002-W03	WELT WELD W/CH CHANNEL W/CLASPTAG	CHANNEL HEAD	CP-3						

PART NAME	CLASS	MATERIAL	NON-WALL THICKNESS	DESIGN PRESS.	DESIGN TEMP.
CHANNEL HEAD	2	SA-240	0.780"	2448 PSI	080°F
NOZZLE NECK		SA-240	.343"		
WELT FLANGE		SA-105			
INLET/OUTLET FLANGE		SA-240			
TUBE SHEET		SA-240			



EXCESS LETDOWN HEAT EXCHANGER 11200-EG-002

REFERENCE DWGS.
 1. ATLAS INDUSTRIAL MFG. CO.-EXCESS LETDOWN HEAT EXCHANGER D-2694-4
 CONSTRUCTION DETAILS D-6245-1

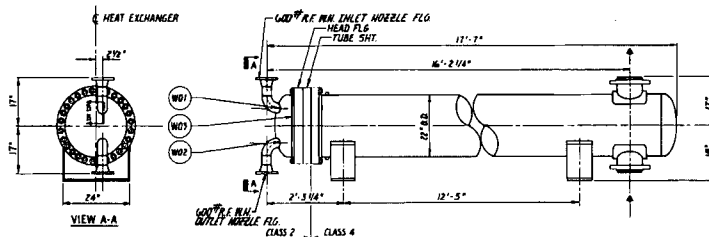
NOTES:
 1. SEE ISL PLAN FOR SELECTION AND FREQUENCY OF EXAMINATION.

Southern Company Services, Inc.									
Georgia Power Company									
VOGTLÉ ELECTRIC GENERATING PLANT UNIT 1									
INSERVICE INSPECTION EQUIPMENT DRAWING EXCESS LETDOWN HEAT EXCHANGER 11200-EG-002									
REVISED AS NOTED					ISSUED FOR INSPECTION				
DATE 7-10-85									
BY J. B. ST. M. B.									
E.D. N.S. C.W.D.									
NONE									
1511200-EG-002 1									

SCALING RULES

EQUIPMENT OR WELD OR WELD IDENTIFICATION NUMBER	WELD OR EQUIP DESCRIP	PART EXAMINED (SEE NOTE 1)	EXAM. REPT. FIG.	EXAMINATION METHOD AND ITEM NO.					
				VOL.	SUR.	VT-1	VT-2	VT-3	VT-4
1120B-E6-003-W01	NOV. VALLET	FLANGES (ASSEMBLED TO W02)							
1120B-E6-003-W02		YES. NO. TO CROWN (RIBBED)							
1120B-E6-003-W03	SH	YES. NO. TO HD. FLG.	FIG. P-100-1	CI. 10					

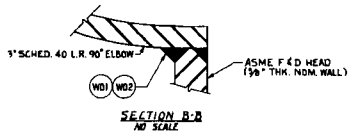
PART NAME	CLASS	MATERIAL	NOM. WALL THKN. OR SIZE	DESIGN PRESS.	DESIGN TEMP.
HEAD FLANGE	E	SA-192 F 80Y		600 PSI	400°F
HEAD		SA-192 F 80Y	1/4"		
NOZZLE NECK		SA-192 F 80Y	SCH. 40		
NOZZLE FLANGES		SA-192 F 80Y	2" WOOD PILE FLG. SCH. 40 EDGE		
FLANGES		SA-192 F 80Y	SCH. 40		



LETDOWN HEAT EXCHANGER 1120B-E6-003

NOTES:
1. SEE T01 PLAN FOR SELECTION AND FREQUENCY OF EXAMINATION.

REFERENCES:
1. JOSEPH INT CORP. INC. STD. --- 5331-6
5332-10
5333-10
5304-21

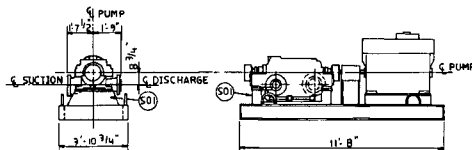


Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT-1	
INSERVICE INSPECTION EQPT. DWG.	
LETDOWN HEAT EXCHANGER	
1120B-E6-003	
DATE	BY
APR 1	W.S. [Signature]
APR 2	E.J.B. [Signature]
APR 3	W.S. [Signature]
APR 4	
APR 5	
APR 6	
APR 7	
APR 8	
APR 9	
APR 10	
APR 11	
APR 12	
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APR 25	
APR 26	
APR 27	
APR 28	
APR 29	
APR 30	

REVISION	DATE	BY	DESCRIPTION
1	12-18-86		REVISED CHART
0	4-5-85		ISSUED FOR INSPECTION

SCALING RULES

200hd-206(HSI)



AUXILIARY FEEDWATER PUMP
MOTOR DRIVEN
11302-P4-002
11302-P4-009

REFERENCES:

INGERSOLL-RAND DNG.
AUXILIARY FEEDWATER PUMP MOTOR DRIVEN
C-46HMTBB66A
(BECHTEL LOG NO. IX4AF09-81-5)

NOTES:

1. SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAM.
2. THIS DNG. COVERS AUXILIARY FEEDWATER MOTOR DRIVEN PUMPS 11302-P4-002 AND 11302-P4-009.
3. THIS PUMP IS CODE CLASS A.S.M.E SECTION III, CLASS 3.
4. ALL SUPPORTS ARE PREFIXED BY THE PUMP NUMBER
EXAMPLE:
11302-P4-002-501

Southern Company Services, Inc.	
Georgia Power Company	
YOGTLE ELECTRIC GENERATING PLANT UNIT 1	
INSERVICE INSPECTION EQUIP. DNG. AUXILIARY FEEDWATER PUMP MOTOR DRIVEN SYSTEM 1302	
REVISION	DATE
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ISSUED FOR INSPECTION

RMS

NONE

SI-11302-P4-002 0

ISOMETRIC DRAWINGS

The drawings listed in this section give line layout, weld location and numbers, and access expediments. The drawings are intended for ISI use only and should not be confused with design drawings. These drawings are available on aperture cards located in the Document Control at both the VEGP Site and SNC Birmingham.

The following is a listing of the applicable systems and their drawing numbers.

<u>System</u>	<u>Drawing Number</u>	<u>Revision</u>
Reactor Coolant	ISI-11201-001	3
	ISI-11201-002	3
	ISI-11201-003	4
	ISI-11201-004	3
	ISI-11201-005	3
	ISI-11201-006	3
	ISI-11201-007	3
	ISI-11201-008	3
	ISI-11201-009	3
	ISI-11201-010	3
	ISI-11201-011	3
	ISI-11201-012	3
	ISI-11201-029	5
	ISI-11201-030	6
	ISI-11201-031	3
	ISI-11201-036	4
	ISI-11201-042	2
	ISI-11201-046	2
	ISI-11201-048	3
	ISI-11201-049	5
	ISI-11201-050	3
	ISI-11201-051	2
	ISI-11201-053	6
	ISI-11201-056	4
	ISI-11201-057	4
	ISI-11201-058	3
	ISI-11201-059	2
	ISI-11201-060	2
	ISI-11201-208	3

<u>System</u>	<u>Drawing Number</u>	<u>Revision</u>
Nuclear Service Cooling Water	ISI-11202-001 (sh. 1)	3
	ISI-11202-001 (sh. 2)	4
	ISI-11202-140	4
	ISI-11202-141	3
	ISI-11202-188	4
	ISI-11202-189	3
	ISI-11202-192	3
	ISI-11202-196 (sh. 1)	3
	ISI-11202-196 (sh. 2)	3
	ISI-11202-197	3
	ISI-11202-202	2
	ISI-11202-204	2
	ISI-11202-205	2
	ISI-11202-207	2
	ISI-11202-209 (sh. 1)	2
	ISI-11202-209 (sh. 2)	2
	ISI-11202-211	2
	ISI-11202-212 (sh. 1)	4
	ISI-11202-212 (sh. 2)	3
	ISI-11202-216 (sh. 1)	4
	ISI-11202-216 (sh. 2)	2
	ISI-11202-218	2
	ISI-11202-220 (sh. 1)	2
	ISI-11202-220 (sh. 2)	4
	ISI-11202-223 (sh. 1)	3
	ISI-11202-223 (sh. 2)	3
	ISI-11202-225 (sh. 1)	3
	ISI-11202-225 (sh. 2)	3
	ISI-11202-229 (sh. 1)	2
	ISI-11202-229 (sh. 2)	3
	ISI-11202-231 (sh. 1)	3
	ISI-11202-231 (sh. 2)	2
	Safety Injection	ISI-11204-001	1
ISI-11204-003		1
ISI-11204-004		1
ISI-11204-006 (sh. 1)		2
ISI-11204-006 (sh. 2)		3
ISI-11204-007		2
ISI-11204-008 (sh. 1)		2
ISI-11204-008 (sh. 2)		3

<u>System</u>	<u>Drawing Number</u>	<u>Revision</u>
Safety Injection (continued)	ISI-11204-010	4
	ISI-11204-011	3
	ISI-11204-012	6
	ISI-11204-014 (sh. 1)	0
	ISI-11204-014 (sh. 2)	1
	ISI-11204-015	1
	ISI-11204-016	1
	ISI-11204-017	0
	ISI-11204-018	3
	ISI-11204-020	3
	ISI-11204-021	5
	ISI-11204-022	4
	ISI-11204-023	4
	ISI-11204-024	4
	ISI-11204-025	4
	ISI-11204-028 (sh. 1)	2
	ISI-11204-028 (sh. 2)	1
	ISI-11204-029 (sh. 1)	3
	ISI-11204-029 (sh. 2)	1
	ISI-11204-030	2
	ISI-11204-031	1
	ISI-11204-032	2
	ISI-11204-033	3
	ISI-11204-034	3
	ISI-11204-035	3
	ISI-11204-036	4
	ISI-11204-037 (sh. 1)	2
	ISI-11204-037 (sh. 2)	2
	ISI-11204-037 (sh. 3)	0
	ISI-11204-038	3
	ISI-11204-039 (sh. 1)	5
	ISI-11204-039 (sh. 2)	3
	ISI-11204-041	5
	ISI-11204-042	3
	ISI-11204-043	4
	ISI-11204-044	3
	ISI-11204-045	4
	ISI-11204-057 (sh. 1)	4
	ISI-11204-057 (sh. 2)	4
	ISI-11204-057 (sh. 3)	3
	ISI-11204-063 (sh. 1)	3

<u>System</u>	<u>Drawing Number</u>	<u>Revision</u>
Safety Injection (continued)	ISI-11204-063 (sh. 2)	2
	ISI-11204-076 (sh. 1)	3
	ISI-11204-076 (sh. 2)	3
	ISI-11204-077	4
	ISI-11204-078	2
	ISI-11204-079	3
	ISI-11204-120	2
	ISI-11204-121	2
	ISI-11204-122	2
	ISI-11204-123	3
	ISI-11204-124	3
	ISI-11204-125	1
	ISI-11204-126	3
	ISI-11204-127	2
	ISI-11204-169	1
	ISI-11204-177	1
	ISI-11204-192	1
	ISI-11204-197 (sh. 1)	0
	ISI-11204-197 (sh. 2)	1
	ISI-11204-199 (sh. 1)	3
	ISI-11204-199 (sh. 2)	0
	ISI-11204-201	1
	ISI-11204-243	4
	ISI-11204-244	5
	ISI-11204-245	2
	ISI-11204-246	3
	Residual Heat Removal	ISI-11205-001	3
ISI-11205-002		3
ISI-11205-003 (sh. 1)		4
ISI-11205-003 (sh. 2)		4
ISI-11205-004		5
ISI-11205-005		6
ISI-11205-006		6
ISI-11205-007 (sh. 1)		4
ISI-11205-007 (sh. 2)		6
ISI-11205-008 (sh. 1)		4
ISI-11205-008 (sh. 2)		5
ISI-11205-009		3
ISI-11205-010		4
ISI-11205-027	3	

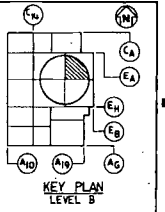
<u>System</u>	<u>Drawing Number</u>	<u>Revision</u>
Residual Heat Removal (continued)	ISI-11205-028	2
	ISI-11205-039	2
	ISI-11205-040	2
Containment Spray	ISI-11206-001	3
	ISI-11206-002	3
	ISI-11206-003	2
	ISI-11206-004	1
	ISI-11206-005 (sh. 1)	1
	ISI-11206-005 (sh. 2)	1
	ISI-11206-006 (sh. 1)	2
	ISI-11206-006 (sh. 2)	1
	ISI-11206-007	1
	ISI-11206-008	2
Chemical and Volume Control	ISI-11208-001	2
	ISI-11208-003 (sh. 1)	2
	ISI-11208-003 (sh. 2)	2
	ISI-11208-003 (sh. 3)	1
	ISI-11208-003 (sh. 4)	2
	ISI-11208-007	4
	ISI-11208-009	4
	ISI-11208-012	3
	ISI-11208-022 (sh. 1)	2
	ISI-11208-022 (sh. 2)	2
	ISI-11208-023 (sh. 1)	2
	ISI-11208-023 (sh. 2)	1
	ISI-11208-023 (sh. 3)	2
	ISI-11208-024	7
	ISI-11208-042	0
	ISI-11208-043	4
	ISI-11208-044	1
	ISI-11208-045	5
	ISI-11208-046	1
	ISI-11208-047	5
	ISI-11208-051	0
	ISI-11208-052	1
	ISI-11208-053	0
ISI-11208-099	2	
ISI-11208-101	1	
ISI-11208-123 (sh. 1)	2	
ISI-11208-123 (sh. 2)	2	

<u>System</u>	<u>Drawing Number</u>	<u>Revision</u>
Chemical and Volume Control - (continued)	ISI-11208-137	5
	ISI-11208-139 (sh. 1)	5
	ISI-11208-139 (sh. 2)	1
	ISI-11208-141	4
	ISI-11208-144	5
	ISI-11208-145	4
	ISI-11208-146	1
	ISI-11208-147	0
	ISI-11208-149	1
	ISI-11208-150	2
	ISI-11208-251	0
	ISI-11208-252	0
	ISI-11208-253	0
	ISI-11208-410	0
	ISI-11208-411	4
	ISI-11208-497	1
	ISI-11208-499	1
	Main Steam	ISI-11301-001	2
ISI-11301-002		2
ISI-11301-003		2
ISI-11301-004		2
ISI-11301-013		6
ISI-11301-014		5
ISI-11301-015		5
ISI-11301-016		3
ISI-11301-104		3
ISI-11301-105		2
ISI-11301-106		2
ISI-11301-107		3
Auxiliary Feedwater		ISI-11302-029	1
	ISI-11302-030	1
	ISI-11302-031 Sh 1	1
	ISI-11302-031 Sh 2	1
	ISI-11302-032 Sh 1	1
	ISI-11302-032 Sh 2	1
	ISI-11302-033	1
	ISI-11302-034	1
	ISI-11302-035	1
	ISI-11302-084	1
	ISI-11302-085	1
	ISI-11302-086	1

Auxiliary Feedwater (continued)	ISI-11302-107	5
	ISI-11302-108	5
	ISI-11302-109	6
	ISI-11302-110	4
Condensate and Feedwater	ISI-11305-058	2
	ISI-11305-060	2
	ISI-11305-062	3
	ISI-11305-064	2
	ISI-11305-154	3
<u>System</u>	<u>Drawing Number</u>	<u>Revision</u>
Condensate and Feedwater (continued)	ISI-11305-155	3
	ISI-11305-156	2
	ISI-11305-157	3

EQUIPMENT OR WELD IDENTIFICATION NO.	WELD OR EQUIP. DESCRIP.	PART EXAM. REQUIRE. (SEE NOTE NO. 1)	EXAM. METHOD	EXAMINATION METHOD AND ITEM NO.			
				VOL.	SURF.	VT1	VT2	VT3	VT4
1120-002	BM	CTK WELD TUB-2500-B	RT II	RT II			
1120-002	MDL1	RTK WELD TUB-2500-A	RT II	RT II			
1120-002	MDL2	RTK WELD TUB-2500-A	RT II	RT II			
1120-002	MDL3	RTK WELD TUB-2500-A	RT II	RT II			
1120-002	MDL4	RTK WELD TUB-2500-A	RT II	RT II			

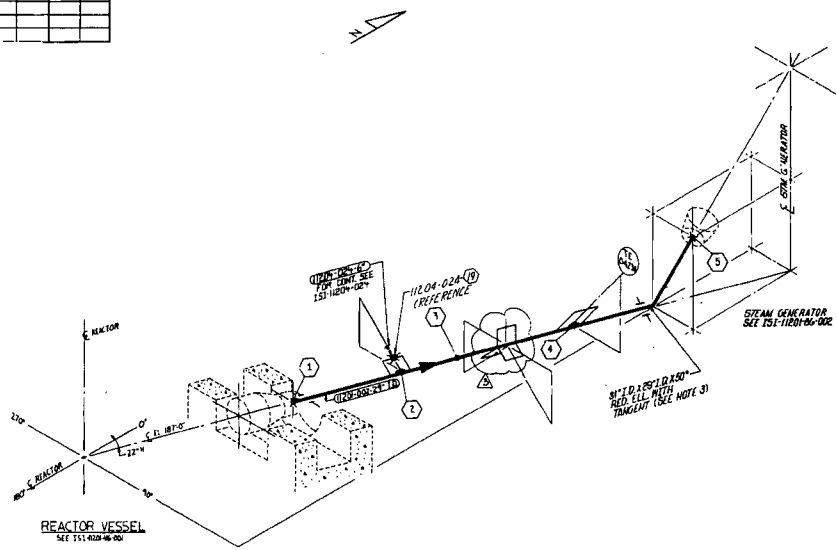
LINE NUMBER	151 CLASS	PROJ. CLASS	PIPE CLASS	PIPE SIZE	PIPE SCHED	WALL THKN	MATL TYPE	DESIGN PRESS	DESIGN TEMP	OPERT. PRESS	OPERT. TEMP	INSUL. THKN.
1120-002	1	11	FGO	24-10	3PCL	2.4	SA-516	2485	650	2235	617	4.0



LEGEND
 1. * INDICATES FIELD WELD
 2. * INDICATES SHOP WELD
 3. * INDICATES BRANCH CONNECTION WELD
 4. * INDICATES PIPE RESTRAINT

REFERENCE DWGS
 P & ID - - - - - R408H
 PIPING AREA DWGS - - - - - ENCL-1417/9
 CIVIL/STRUCTURAL DWGS - - - - - 1120-6002/004
 TUBECO DWGS:
 1" RTD LOOP 2 - - - - - 1120-100
 1" RTD MANIFOLD CONNECTION - - - - - 1120-103
 2" RTD MANIFOLD CONNECTION - - - - - 1120-104
 2" RTD/S/S CONNECTION - - - - - 1120-105
 2" RTD PIPE TO NOZZLE END PREP - - - - - 1120-106
 ESCO DWGS:
 2" ID ELBOW TO PIPE END PREP - - - - - 1120-107
 3" ID ELBOW TO NOZZLE END PREP - - - - - 1120-108
 3" RTD RED ELBOW DETAIL - - - - - 1120-109

NOTES
 1. SEE 151 PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS
 2. SEE 151-100-001 FOR WELD END PREPS
 3. SEE ESCO DWGS NO. 1120-107-09 FOR ACTUAL WALL THICKNESS



REVISION	DATE	BY	CHKD	APP'D	DESCRIPTION
3	11-19-92				DELETED LINES NO. 1120-021, 1120-022, 1120-023, 1120-024, 1120-025 PER DCP 11-19-92
2	5-18-87				GENERAL REVISION TO UPDATE DRAWING FOR 151
1	3-15-85				ADDED NEW WELD NUMBERS. ADDED REFERENCES
0	6-23-84				ISSUED FOR INSPECTION

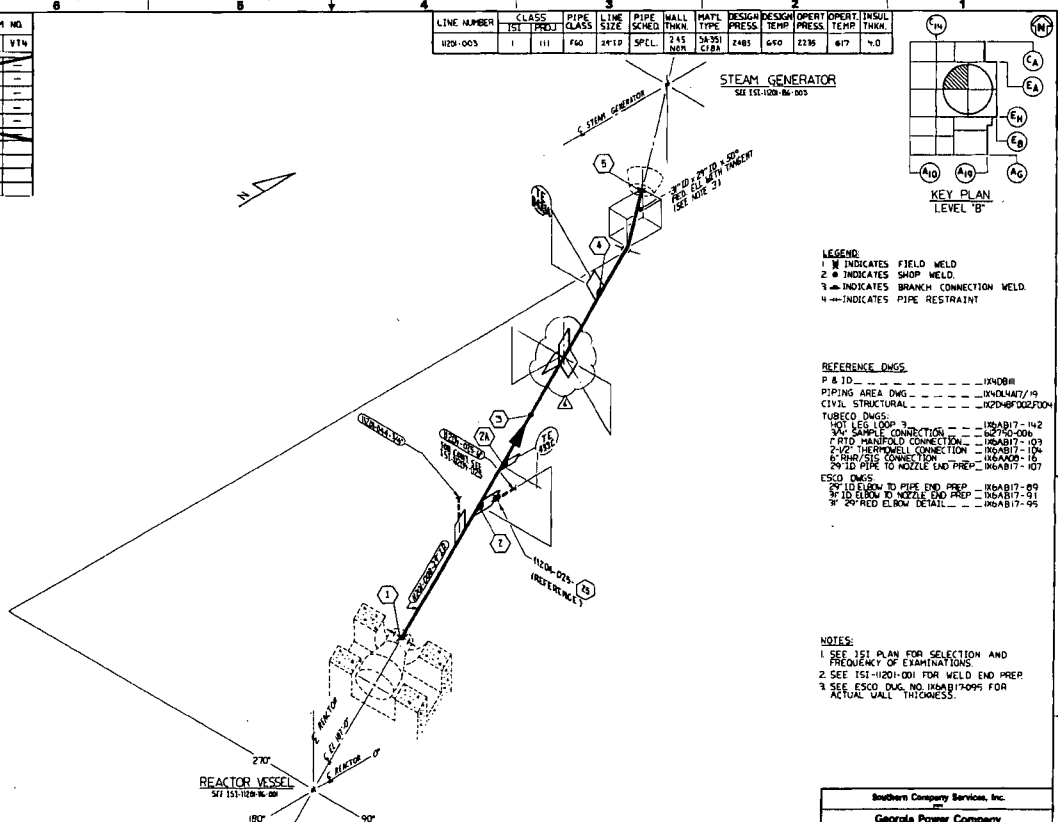
Southern Company Services, Inc.
 Georgia Power Company

**VOGTLE ELECTRIC GENERATING PLANT
 UNIT 1-LINE NO. 002
 INSERVICE INSPECTION ISOMETRIC
 REACTOR COOLANT-SYSTEM 1201**

SCALE: AS SHOWN
 DRAWN BY: [Signature]
 CHECKED BY: [Signature]
 APPROVED BY: [Signature]

EQUIPMENT OR WELD IDENTIFICATION NO.	PART EQUIP. DESCRIP.	EXAM. REQUIRE. FIG.	EXAMINATION METHOD AND ITEM NO.				
			VOL.	SURF.	VT1	VT2	VT3	VT4
W011
W012
W013
W014
W015
W016
W017
W018
W019
W020
W021
W022
W023
W024
W025
W026
W027
W028
W029
W030

LINE NUMBER	CLASS	PIPE CLASS	PIPE SIZE	PIPE SCHED.	WALL THKN.	MAT'L TYPE	DESIGN PRESS.	DESIGN TEMP.	OPERY PRESS.	OPERY TEMP.	INSUL. THKN.
1120-003	1	111	F40	2#10	SPL.	245 INK.	2485	660	2236	617	4.0



- LEGEND:**
 1 W INDICATES FIELD WELD
 2 W INDICATES SHOP WELD.
 3 W INDICATES BRANCH CONNECTION WELD.
 4 W INDICATES PIPE RESTRAINT
- REFERENCE DWGS.**
 P & ID - 15408H
 PIPING AREA DWG - DNDLM77/19
 CIVIL STRUCTURAL - K2048F02/2004
 TUBECO DWGS.
 101 LEG LOOP 3 - 15407-142
 201 SAMPLE CONNECTION - 15407-008
 210 MANIFOLD CONNECTION - 15407-103
 212 THERMOWELL CONNECTION - 15407-104
 214 PIPE TO NOZZLE CONNECTION - 15407-105
 215 PIPE TO NOZZLE END PREP - 15407-107
 ESCO DWGS.
 2910 ELBOW TO PIPE END PREP - 15407-89
 2912 ELBOW TO NOZZLE END PREP - 15407-91
 2914 RED ELBOW DETAIL - 15407-95
- NOTES:**
 1. SEE 151 PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS
 2. SEE 151-11201-001 FOR WELD END PREP
 3. SEE ESCO DWG. NO. 15407-095 FOR ACTUAL WALL THICKNESS.

REVISION	DATE	DESCRIPTION
REVISION 4	DATE 11-19-92	DELETED LINES NO 11201-023-11, 11201-024-11 AND 11201-235-11 PER DCP 11-V10004.
REVISION 3	DATE 5-11-87	GENERAL REVISION TO UPDATE DRAWING FOR ISI
REVISION 2	DATE 8-19-82	ADDED TE 453C TO ZIRAMIDU. ADDED WELD CA TO DWGS AND CHART.
REVISION 1	DATE 3-15-85	ADDED NEW WELD NOS. ADDED 20" 8 31" CALIBRATION BLOCK TO REFERENCE DWG.
REVISION 0	DATE 6-25-84	ISSUED FOR INSPECTION

Southern Company Services, Inc.
 Georgia Power Company

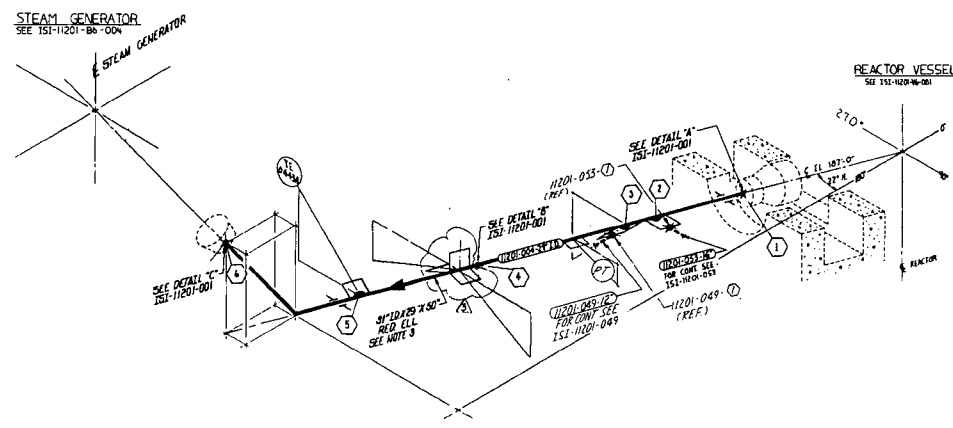
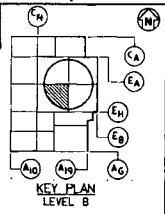
VOGTLE ELECTRIC GENERATING PLANT
 UNIT 1 - LINE NO. 003
 INSERVICE INSPECTION ISOMETRIC
 REACTOR COOLANT-SYSTEM I201

PROJECT NO. 151-11201-003

BY	CHECKED	DATE	BY	CHECKED	DATE	BY	CHECKED	DATE	BY	CHECKED	DATE
WJ	CA	11/19/92	RLB	107	99C	DST	WS	CU	ELG	WS	CU

EQUIPMENT OR WELD IDENTIFICATION NO.	WELD OR EQUIP. DESCRIP.	PART EXAMINED NO. 1)	EXAM. METHOD	EXAMINATION METHOD AND ITEM NO.							
				VOL.	SURF.	VT 1	VT 2	VT 3	VT 4		
11201	WELD	11201-004	RT	1	111	F40	27.18				
W01.1	WELD	11201-004	RT	1	111	F40	27.18				
W01.2	WELD	11201-004	RT	1	111	F40	27.18				
W01.3	WELD	11201-004	RT	1	111	F40	27.18				
W01.4	WELD	11201-004	RT	1	111	F40	27.18				
W01.5	WELD	11201-004	RT	1	111	F40	27.18				

LINE NUMBER	CLASS	PIPE CLASS	LINE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THICK.	
11201-004	1	111	F40	27.18	SPL.	2.45 SCH.	18351	2486	640	2235	617	9.0



- LEGEND:**
- 1 - INDICATES FIELD WELD
 - 2 - INDICATES SHOP WELD
 - 3 - INDICATES BRANCH CONNECTION WELD
 - 4 - INDICATES PIPE RESTRAINT

- REFERENCE DWGS:**
- P&ID - 11201-004
 - PIPING AREA DWG - 11201-004
 - CIVIL STRUCTURAL - 11201-004
- TUBECO DWGS:**
- 101 LEG-LOOP - 11201-004
 - 102 PIPE MANIFOLD CONNECTION - 11201-004
 - 103 1/2" V-P THERMOWELL CONNECTION - 11201-004
 - 104 2" V-P THERMOWELL CONNECTION - 11201-004
 - 105 PREHEATER SURGE LINE CONNECTION - 11201-004
 - 201 D PIPE TO NOZZLE END PREP - 11201-004
- ESD DWGS:**
- 201 D ELBOW TO PIPE END PREP - 11201-004
 - 11201-004 NOZZLE END PREP - 11201-004
 - 11201-004 RED ELBOW DETAIL - 11201-004

- NOTES:**
1. SEE IS1 PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 2. SEE IS1-11201-004 FOR WELD END PREPS.
 3. SEE ESD DWG NO. 11201-004 FOR ACTUAL WALL THICKNESS.

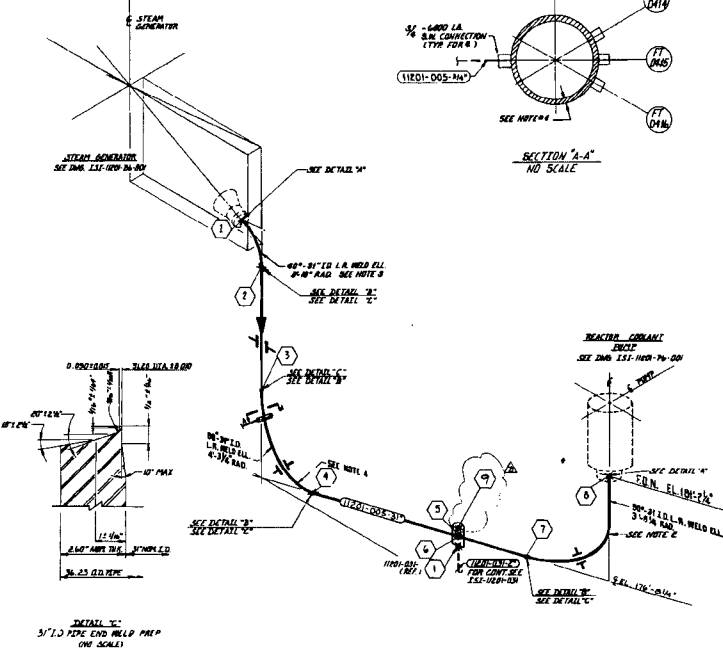
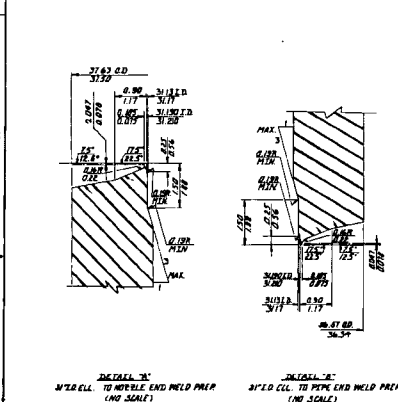
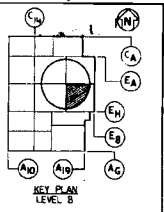
Southern Company Services, Inc.	
Georgia Power Company	
PROJECT NO.	11201-004
UNIT	VOGTLE ELECTRIC GENERATING PLANT UNIT 1-LINE NO. 004
DESCRIPTION	INSERVICE INSPECTION ISOMETRIC REACTOR COOLANT-SYSTEM 1201
DATE	11-11-92
BY	W.S. CLARK
CHECKED BY	W.S. CLARK
APPROVED BY	DRK

NO.	DATE	DESCRIPTION	BY	CHECKED BY	APPROVED BY
1	11-11-92	GENERAL REVISION TO UPDATE DRAWING FOR IS1	W.S. CLARK	W.S. CLARK	DRK
2	5-18-87	ADDED NEW WELD NO'S. 20" CAL. BLOCK, IS1 CLASSIFICATION DWG.	W.S. CLARK	W.S. CLARK	DRK
3	3-15-85	ISSUED FOR INSPECTION	W.S. CLARK	W.S. CLARK	DRK



EQUIPMENT OR WELD IDENTIFICATION NO.	WELD OR EQUIP. DESCRIP.	PART EXAMINED	EXAM. METHOD	EXAMINATION METHOD AND ITEM NO.
NO.	NO.	NO.	FIG.	VOL. SURF. V1 V2 V3 V4
11201-005-01	WELD	CIRC WELD	DW-250-4	BB. II
11201-005-02	WELD	CIRC WELD	DW-250-4	BB. II
11201-005-03	WELD	CIRC WELD	DW-250-4	BB. II
11201-005-04	WELD	CIRC WELD	DW-250-4	BB. II
11201-005-05	WELD	CIRC WELD	DW-250-4	BB. II
11201-005-06	WELD	CIRC WELD	DW-250-4	BB. II
11201-005-07	WELD	CIRC WELD	DW-250-4	BB. II
11201-005-08	WELD	CIRC WELD	DW-250-4	BB. II
11201-005-09	WELD	CIRC WELD	DW-250-4	BB. II
11201-005-10	WELD	CIRC WELD	DW-250-4	BB. II

LINE NUMBER	CLASS	PIPE CLASS	PIPE SIZE	PIPE SCHED	WALL THICK.	MAT'L TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THICK.
11201-005	I	III	3"	5	0.1875	SA-387-2	2400	650	2200	550	3/8"

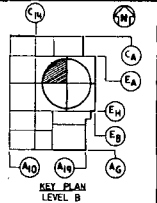
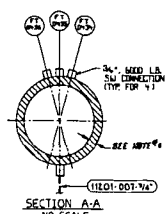


- LEGEND:**
- 1. ○ INDICATES FIELD WELD.
 - 2. ● INDICATES INTEGRALLY WELDED SUPPORT ATTACHMENT.
 - 3. ◊ INDICATES SHOP WELD.
 - 4. † INDICATES RESTRAINTS.
 - 5. ⊕ INDICATES BRANCH CONNECTION WELD.
 - 6. ⊖ INDICATES PIPE SUPPORT.

- REFERENCE DRAWINGS:**
- P & ID. UNDB11
 - PIPING LAYOUT DWGS. UNDL417/9
 - CIVIL/STRUCTURAL. R204B002.F002 & F003
 - TUBESHEET DWGS. UNDA1001-1004
 - CROSSOVER LEG. UNDA1005-1008
 - 3/4" FLAN REASSEMBLY. UNDA1009-1012
 - 3" DIA. CONN. UNDA1013-1014
 - 3" RID. CONN. UNDA1015-1016
 - 3" PIPE END PREP. UNDA1017-1019
 - ESCO DWGS. UNDA1020-1024
 - WELD BEVEL DETAIL. UNDA1025-1026
 - 11201-005-01 TO 11201-005-10. UNDA1027-1036
 - 11201-005-11 TO 11201-005-12. UNDA1037-1046
 - 11201-005-13 TO 11201-005-14. UNDA1047-1056
 - 11201-005-15 TO 11201-005-16. UNDA1057-1066
 - 11201-005-17 TO 11201-005-18. UNDA1067-1076
 - 11201-005-19 TO 11201-005-20. UNDA1077-1086
 - 11201-005-21 TO 11201-005-22. UNDA1087-1096
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 - 11201-005-385 TO 11201-005-386. UNDA2907-2916
 - 11201-005-387 TO 11201-005-388. UNDA2917-2926
 - 11201-005-389 TO 11201-005-390. UNDA2927-2936
 - 11201-005-391 TO 11201-005-392. UNDA2937-2946
 - 11201-005-393 TO 11201-005-394. UNDA2947-2956
 - 11201-005-395 TO 11201-005-396. UNDA2957-2966
 - 11201-005-397 TO 11201-005-398. UNDA2967-2976
 - 11201-005-399 TO 11201-005-400. UNDA2977-2986
 - 11201-005-401 TO 11201-005-402. UNDA2987-2996
 - 11201-005-403 TO 11201-005-404. UNDA2997-3006
 - 11201-005-405 TO 11201-005-406. UNDA3007-3016
 - 11201-005-407 TO 11201-005-408. UNDA3017-3026
 - 11201-005-409 TO 11201-005-410. UNDA3027-3036
 - 11201-005-411 TO 11201-005-412. UNDA3037-3046
 - 11201-005-413 TO 11201-005-414. UNDA3047-3056
 - 11201-005-415 TO 11201-005-416. UNDA3057-3066
 - 11201-005-417 TO 11201-005-418. UNDA3067-3076
 - 11201-005-419 TO 11201-005-420. UNDA3077-3086
 - 11201-005-421 TO 11201-005-422. UNDA3087-3096
 - 11201-005-423 TO 11201-005-424. UNDA3097-3106
 - 11201-005-425 TO 11201-005-426. UNDA3107-3116
 - 11201-005-427 TO 11201-005-428. UNDA3117-3126
 - 11201-005-429 TO 11201-005-430. UNDA3127-3136
 - 11201-005-431 TO 11201-005-432. UNDA3137-3146
 - 11201-005-433 TO 11201-005-434. UNDA3147-3156
 - 11201-005-435 TO 11201-005-436. UNDA3157-3166
 - 11201-005-437 TO 11201-005-438. UNDA3167-3176
 - 11201-005-439 TO 11201-005-440. UNDA3177-3186
 - 11201-005-441 TO 11201-005-442. UNDA3187-3196
 - 11201-005-443 TO 11201-005-444. UNDA3197-3206
 - 11201-005-445 TO 11201-005-446. UNDA3207-3216
 - 11201-005-447 TO 11201-005-448. UNDA3217-3226
 - 11201-005-449 TO 11201-005-450. UNDA3227-3236
 - 11201-005-451 TO 11201-005-452. UNDA3237-3246
 - 11201-005-453 TO 11201-005-454. UNDA3247-3256
 - 11201-005-455 TO 11201-005-456. UNDA3257-3266
 - 11201-005-457 TO 11201-005-458. UNDA3267-3276
 - 11201-005-459 TO 11201-005-460. UNDA3277-3286
 - 11201-005-461 TO 11201-005-462. UNDA3287-3296
 - 11201-005-463 TO 11201-005-464. UNDA3297-3306
 - 11201-005-465 TO 11201-005-466. UNDA3307-3316
 - 11201-005-467 TO 11201-005-468. UNDA3317-3326
 - 11201-005-469 TO 11201-005-470. UNDA3327-3336
 - 11201-005-471 TO 11201-005-472. UNDA3337-3346
 - 11201-005-473 TO 11201-005-474. UNDA3347-33

EQUIPMENT OR WELD IDENTIFICATION NO.	WELD OR EQUIP. DESCRIP.	PART EXAMINED NO. D	EXAM. PROCEDURE NO. D	EXAMINATION METHOD AND ITEM NO.					
				VOL.	SURE	VT1	VT2	VT3	VT4
1101-007	PIPE WELD	1101-007-1	1101-007-1	1101-007-1	1101-007-1	1101-007-1	1101-007-1	1101-007-1	1101-007-1
1101-007	PIPE WELD	1101-007-2	1101-007-2	1101-007-2	1101-007-2	1101-007-2	1101-007-2	1101-007-2	1101-007-2
1101-007	PIPE WELD	1101-007-3	1101-007-3	1101-007-3	1101-007-3	1101-007-3	1101-007-3	1101-007-3	1101-007-3
1101-007	PIPE WELD	1101-007-4	1101-007-4	1101-007-4	1101-007-4	1101-007-4	1101-007-4	1101-007-4	1101-007-4

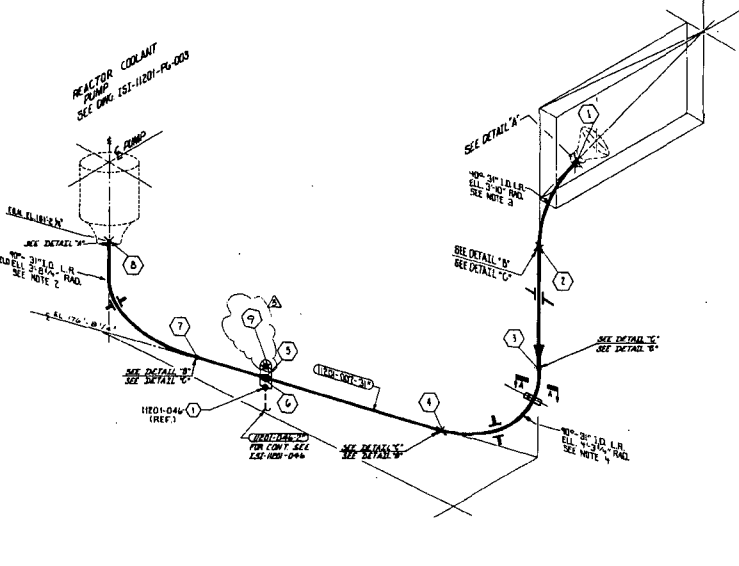
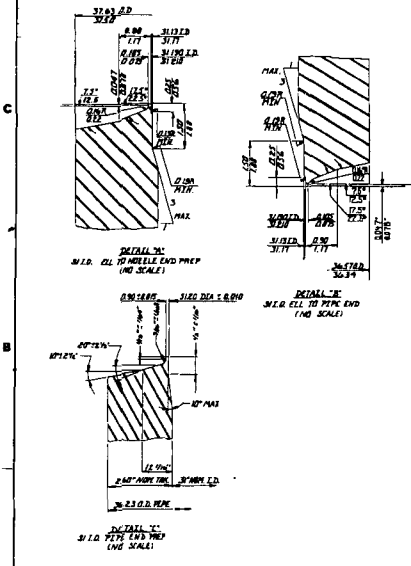
LINE NUMBER	CLASS PROJ	CLASS LIST	PIPE CLASS	PIPE SIZE	PIPE SCHED.	WALL THKN.	MAT'L TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THKN.
1101-007	111	1	FGO	3"	SPCL	2.60	SAFETY OF 8A	2400	650	2201	550	3.0



- LEGEND:
- 1 * INDICATES FIELD WELD.
 - 2 # INDICATES INTEGRALLY WELDED SUPPORT ATTACHMENT.
 - 3 # INDICATES SHOP WELD.
 - 4 # INDICATES RESTRAINTS.
 - 5 # INDICATES BRANCH CONNECTION WELD.

- REFERENCE DRAWINGS:
- P & ID. --- D140811
 - PIPING LAYOUT DWGS. --- 1101-007/1-9
 - CIVIL/STRUCTURAL --- 1101-007/100,105
 - TUBED DWGS. --- 1101-007/101,106
 - DISCONNECTS --- 1101-007/102,103
 - 3" FLOW RESTRICTOR --- 1101-007/104
 - 2" DRAIN CONN. --- 1101-007/105
 - 3" STD CONN. --- 1101-007/106
 - 3" PIPE END PREP. --- 1101-007/107
 - ESCO DWGS. --- 1101-007/108-110
 - WELD BEVEL DETAIL 11.00 I.D. --- 1101-007/111
 - 10" ELBOW NOZZLE END --- 1101-007/112
 - WELD BEVEL DETAIL 11.00 O.D. --- 1101-007/113
 - 3" STD CONN. --- 1101-007/114

- NOTES:
1. SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 2. WALL THICKNESS VARIES SEE ESCO DWG. 1101-007/108.
 3. WALL THICKNESS VARIES SEE ESCO DWG. 1101-007/109.
 4. WALL THICKNESS VARIES SEE ESCO DWG. 1101-007/110.

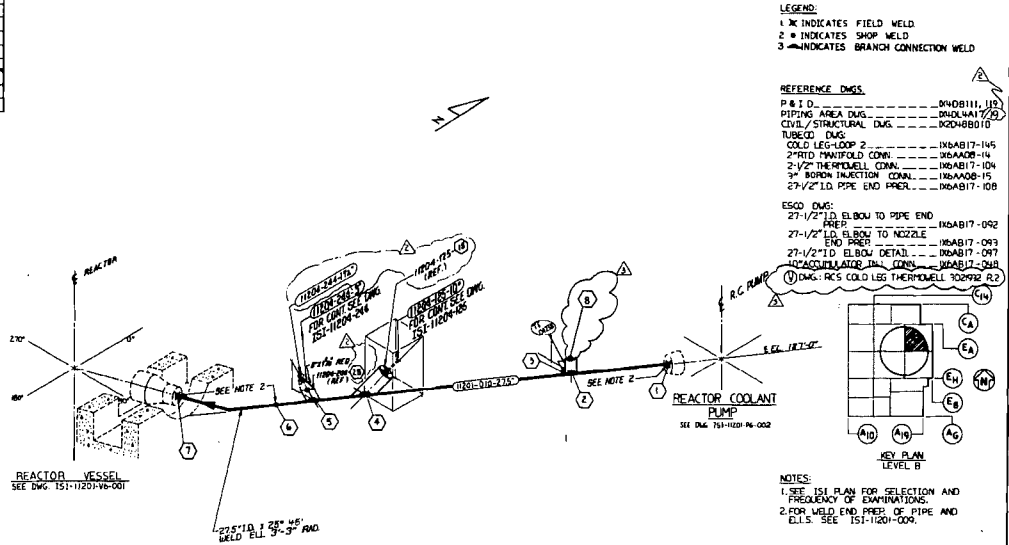


Southern Company Services, Inc.	
Georgia Power Company	
VOGTLÉ ELECTRIC GENERATING PLANT UNIT 1-LINE NO.007 INSERVICE INSPECTION ISOMETRIC REACTOR COOLANT-SYSTEM 1201	
DATE: 11-21-83	ISSUED FOR INSPECTION
DATE: 5-18-87	GENERAL REVISION TO UPDATE FOR ISI
DATE: 3-17-92	COMPLETED LINE 1201-110 P&ID AND 3\"/>

NO.	DATE	BY	CHKD	APP'D	DESCRIPTION
1	11-21-83	RSB	MS	MS	ISSUED FOR INSPECTION
2	5-18-87	RSB	MS	MS	GENERAL REVISION TO UPDATE FOR ISI
3	3-17-92	RSB	MS	MS	COMPLETED LINE 1201-110 P&ID AND 3\"/>

EQUIPMENT OR WELD IDENTIFICATION NO.	WELD OR EQUIP. DESCRIP.	PART NO. (1)	EXAM. METHOD	EXAMINATION METHOD AND ITEM NO.				
				VOL.	SURE	VT1	VT2	VT3	VT4
11201-010	WELD	...	...	...	...	...	...	...
...

LINE NUMBER	CLASS	PIPE CLASS	PIPE SIZE	PIPE SCHED.	WALL THIN	MAT. SPEC.	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THICK.	
11201-010	I	III	FGD	27.5	SPCL.	2.32	34500	2485	680	2301	556	J.D



LEGEND:
 1 - INDICATES FIELD WELD
 2 - INDICATES SHOP WELD
 3 - INDICATES BRANCH CONNECTION WELD

REFERENCE DWGS.
 P & I D. ----- 0408111, 112
 PIPING AREA DWG. ----- 0404141/2/3
 CIVIL / STRUCTURAL DWG. ----- 020488010
 TUBESheet DWG. ----- 040817-145
 COOL. LEG-LOOP 2 ----- 06AA08-14
 2" RTD MANIFOLD DOWN ----- 040817-104
 3-1/2" THERMOWELL CONN. ----- 040817-104
 3" BOPON INJECTION CONN. ----- 040817-104
 27-1/2" I.D. PIPE END PRER. ----- 040817-108

ESCD DWG:
 27-1/2" I.D. ELBOW TO PIPE END ----- 040817-092
 END PRER. ----- 040817-093
 27-1/2" I.D. ELBOW TO NOZZLE ----- 040817-097
 END PRER. ----- 040817-097
 27-1/2" I.D. ELBOW DETAIL ----- 040817-098
 1" DIA. ACCUMULATOR TAIL CONN. ----- 040817-098
 1" DIA. ACC. RES. COOL. LEG THERMOWELL SUPPORT R-2

NOTES:
 1. SEE IS1 PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 2. FOR WELD END PRER. OF PIPE AND ELLS. SEE 151-11201-009.

REVISION	DATE	DESCRIPTION	BY	CHKD	APP'D
3	8-11-92	DELETED LINE 11201-086 PER DCA #1-11201-001 ADDED 8" THERMOWELL WELD ADDED NEW REA. DRAWING	...	...	...
2	5-18-87	GENERAL REV. TO UPDATE DWG TOE 151	...	...	...
1	3-15-85	ADDED NEW WELD NOS. ADDED BY CLASSIFICATION DWG. NO. AND 275 CALIBRATION BLOCK NO TO REA. DWG. WELD WAS WOOD	...	...	...
0	12-12-69	ISSUED FOR INSPECTION	...	...	...

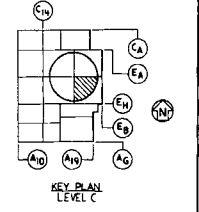
Southern Company Services, Inc.
 Georgia Power Company

VOGTLE ELECTRIC GENERATING PLANT
 UNIT 1-LINE NO. 010
 INSERVICE INSPECTION ISOMETRIC
 REACTOR COOLANT-SYSTEM 1201

DATE: 12-12-69
 DRAWN: JUS
 CHECKED: WJS
 APPROVED: DRC

IDENTIFICATION NUMBER	WELD OR EQUIP. DESCRIP.	PART EXAMINED (SEE NOTE NO. 1)	EXAM. REQUIREMENT FIG.	EXAMINATION METHOD AND ITEM NO.			
				VOL.	SURF.	VT1	VT2	VT4
11201401	CLONE WELD						
11201402							
11201031-H001	WELDED	CLAMP	11201001				
H001	FIELD WELD						
H002	FIELD WELD						
H003	FIELD WELD						
H004	FIELD WELD						
H005	FIELD WELD						
11201031-H010	SW	CLAMP	11201001				
H010	SW						
H011	SW						
H012	SW						
H013	SW						
H014	SW						
H015	SW						
H016	SW						

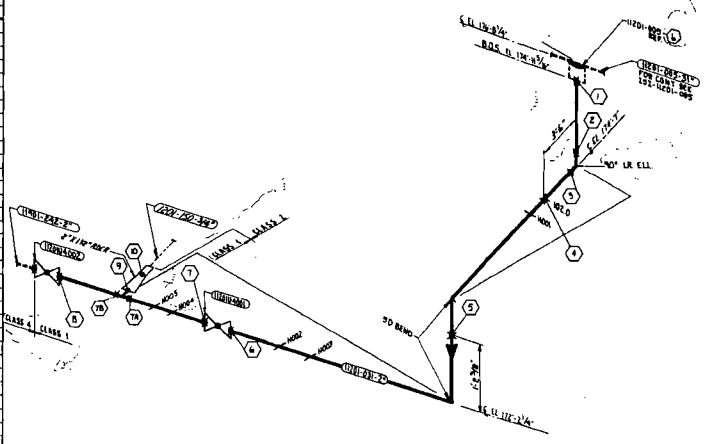
LINE NUMBER	CLASS	PIPE CLASS	PIPE SIZE	PIPE SCHED.	WALL THICK.	MATERIAL TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THICK.
11201-031	1	111	F60	2"	160	304	2485	650	2201	556	2.5



- LEGEND:**
- 1. ✕ INDICATES FIELD WELD.
 - 2. ● INDICATES SHOP WELD.
 - 3. ⊕ INDICATES INTERGRALLY WELDED SUPPORT ATTACHMENT.
 - 4. ⊕ CONTAINMENT PENETRATION.
 - 5. ⊕ BRANCH CONNECTION WELD.
 - 6. — PIPE RESTRAINT.
 - 7. — PIPE SUPPORT.

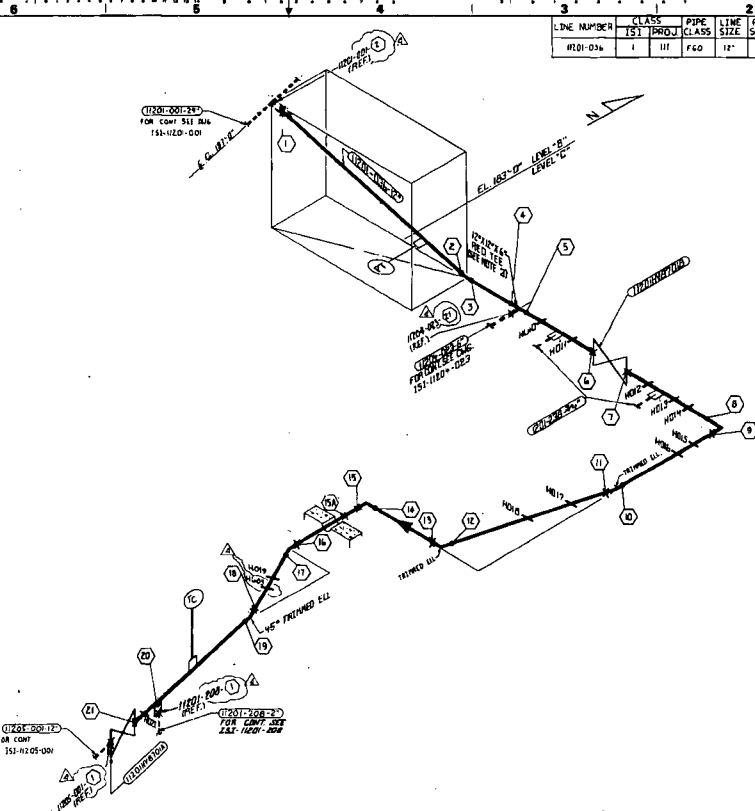
- REFERENCE DRAWINGS:**
- P & ID ----- W408111
 - FAB. ISO. ----- W4-201-031-010
 - PIPING LAYOUT DWG. ----- W4DL407
 - CIVIL STRUCTURAL DWG. ----- W204F002
 - HANGER DETAIL DWG. ----- W4201-031-H001 THRU H005

- NOTES:**
1. SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 2. FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX48001 APPENDIX D. (U.N.D)



revision 3 date 5-12-97 GENERAL REVISION TO UPDATE DRAWING FOR ISI		revision 2 date 11-11-87 ADDED NEW WELD NOS. REDUCER & FLOW RESTRICTION		revision 1 date 5-15-85 ADDED NEW WELD NO'S. ISI CLASSIFICATION DWG		revision 0 date 11-17-83 ISSUED FOR INSPECTION	
Southern Company Services, Inc. GEORGIA POWER COMPANY		VOGTLE ELECTRIC GENERATING PLANT UNIT 1-LINE NO. 031 INSERVICE INSPECTION ISOMETRIC REACTOR COOLANT-SYSTEM 1201					
RLB 11/11/87		EJD 11/11/87		TKG 11/11/87		BHC 11/17/83	
11201-031		3					

EQUIPMENT OR WELD IDENTIFICATION NO.	WELD OR EQUIP. DESCRIP.	PART EXAMINED NO. 12	EXAM. METHOD	EXAMINATION METHOD AND ITEM NO.			
				VOL.	SURF.	VT1	VT2
11201-036-001	CONV. WELD	11201-036-001	RT				
11201-036-002	CONV. WELD	11201-036-002	RT				
11201-036-003	CONV. WELD	11201-036-003	RT				
11201-036-004	CONV. WELD	11201-036-004	RT				
11201-036-005	CONV. WELD	11201-036-005	RT				
11201-036-006	CONV. WELD	11201-036-006	RT				
11201-036-007	CONV. WELD	11201-036-007	RT				
11201-036-008	CONV. WELD	11201-036-008	RT				
11201-036-009	CONV. WELD	11201-036-009	RT				
11201-036-010	CONV. WELD	11201-036-010	RT				
11201-036-011	CONV. WELD	11201-036-011	RT				
11201-036-012	CONV. WELD	11201-036-012	RT				
11201-036-013	CONV. WELD	11201-036-013	RT				
11201-036-014	CONV. WELD	11201-036-014	RT				
11201-036-015	CONV. WELD	11201-036-015	RT				
11201-036-016	CONV. WELD	11201-036-016	RT				
11201-036-017	CONV. WELD	11201-036-017	RT				
11201-036-018	CONV. WELD	11201-036-018	RT				
11201-036-019	CONV. WELD	11201-036-019	RT				
11201-036-020	CONV. WELD	11201-036-020	RT				
11201-036-021	CONV. WELD	11201-036-021	RT				
11201-036-022	CONV. WELD	11201-036-022	RT				
11201-036-023	CONV. WELD	11201-036-023	RT				
11201-036-024	CONV. WELD	11201-036-024	RT				
11201-036-025	CONV. WELD	11201-036-025	RT				
11201-036-026	CONV. WELD	11201-036-026	RT				
11201-036-027	CONV. WELD	11201-036-027	RT				
11201-036-028	CONV. WELD	11201-036-028	RT				
11201-036-029	CONV. WELD	11201-036-029	RT				
11201-036-030	CONV. WELD	11201-036-030	RT				
11201-036-031	CONV. WELD	11201-036-031	RT				
11201-036-032	CONV. WELD	11201-036-032	RT				
11201-036-033	CONV. WELD	11201-036-033	RT				
11201-036-034	CONV. WELD	11201-036-034	RT				
11201-036-035	CONV. WELD	11201-036-035	RT				
11201-036-036	CONV. WELD	11201-036-036	RT				
11201-036-037	CONV. WELD	11201-036-037	RT				
11201-036-038	CONV. WELD	11201-036-038	RT				
11201-036-039	CONV. WELD	11201-036-039	RT				
11201-036-040	CONV. WELD	11201-036-040	RT				
11201-036-041	CONV. WELD	11201-036-041	RT				
11201-036-042	CONV. WELD	11201-036-042	RT				
11201-036-043	CONV. WELD	11201-036-043	RT				
11201-036-044	CONV. WELD	11201-036-044	RT				
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11201-036-046	CONV. WELD	11201-036-046	RT				
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11201-036-099	CONV. WELD	11201-036-099	RT				
11201-036-100	CONV. WELD	11201-036-100	RT				



LEGEND:

- 1 - INDICATES FIELD WELD
- 2 - INDICATES INTEGRALLY WELDED SUPPORT ATTACHMENT
- 3 - INDICATES SHOP WELD
- 4 - TC-TEST CONNECTION
- 5 - BRANCH CONN. WELD
- 6 - PIPE SUPPORT

REFERENCE DRAWINGS:

P & ID ----- 114DB11 & 122-1
 FAB. ISD ----- 114-1201-036-0/21

PIPING LAYOUT DWG ----- 114-1406 & A57
 CIVIL/STRUCTURAL DWG ----- 114-20-0F002
 HANGER DETAIL DWG ----- 114-20-036-1010 THRU 1019 & 1020
 F-SHEETS ----- F-9942 THRU F-9948

NOTES:

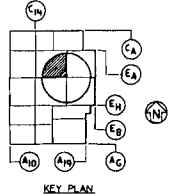
1. SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
2. FOR PIPE WELD END PREP. SEE BECHTEL DWG APPENDIX (LUN) 114-20-036-1010 THRU 1019 & 1020.
3. SCHED. 160 TEE, 12" ENDS BEVELLED TO PATCH SCHED. 160 PIPE.

Southern Company Services, Inc.	
Georgie Power Company	
VOGTLE ELECTRIC GENERATING PLANT UNIT 1-LINE NO. 036 INSERVICE INSPECTION ISOMETRIC REACTOR COOLANT SYSTEM ISDI	
ISSUED FOR INSPECTION	DATE: 11-29-84
BY: [Signature]	FOR: [Signature]
11-201-036	4

REVISION 4	DATE: 3-11-77	REVISION 3	DATE: 11-17-83	REVISION 2	DATE: 3-15-85	REVISION 1	DATE: 11-29-84	REVISION 0	DATE: 10-12-83
GENERAL PROVISION TO UPDATE DRAWING FOR ISI.		ADDED WELD NO 15A		ADDED NEW WELD NO'S DELETED WELD NO 020, 6" CAL. BLOCK CHANGED INFORMATION ON HANGERS HO12 & HO15, B 1 1/4" WAS 4 3/4" 0/7 5/8" WAS 6-0, 2-9 13/15 WAS 2-8 9/8"		ADDED WELD NO. CLASSIFICATION DWG & CAL. BLOCKS.		ISSUED FOR INSPECTION	
BY: [Signature]	FOR: [Signature]	BY: [Signature]	FOR: [Signature]	BY: [Signature]	FOR: [Signature]	BY: [Signature]	FOR: [Signature]	BY: [Signature]	FOR: [Signature]

EQUIPMENT OR WELD IDENTIFICATION NUMBER	WELD OR EQUIP. DESCRIP.	PART EXAMINED (SEE NOTE NO. 1)	EXAM. REQUIRE. (MENT FIG.)	EXAMINATION METHOD AND ITEM			
				VOL.	SURF.	VT1	VT3	VT4
11201-046-001	WELD	PIPE	VT1				
11201-046-002	WELD	PIPE	VT1				
11201-046-003	WELD	PIPE	VT1				
11201-046-004	WELD	PIPE	VT1				
11201-046-005	WELD	PIPE	VT1				
11201-046-006	WELD	PIPE	VT1				
11201-046-007	WELD	PIPE	VT1				
11201-046-008	WELD	PIPE	VT1				
11201-046-009	WELD	PIPE	VT1				
11201-046-010	WELD	PIPE	VT1				
11201-046-011	WELD	PIPE	VT1				
11201-046-012	WELD	PIPE	VT1				
11201-046-013	WELD	PIPE	VT1				
11201-046-014	WELD	PIPE	VT1				
11201-046-015	WELD	PIPE	VT1				

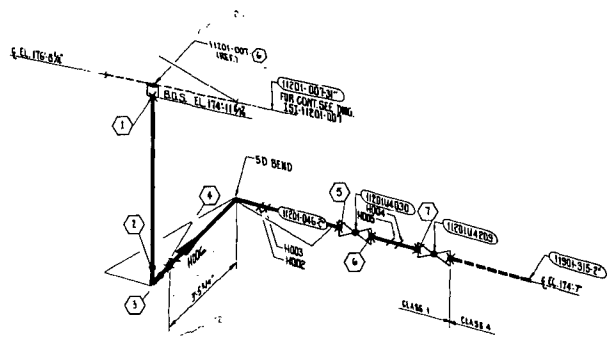
LINE NUMBER	CLASS		PIPE CLASS	LINE SIZE	PIPE SCHED.	WALL THIN	MATT. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPERT. PRESS.	OPERT. TEMP.	INSTR. THIN.
	ISI	PROJ.										
11201-046	1	III	FGD	2.0	160	0.344	SA-312	2485	650	2201	536	2.5



- LEGEND:
- INDICATES FIELD WELD.
 - INDICATES SHOP WELD.
 - INDICATES INTERGRALLY WELDED SUPPORT ATTACHMENT.
 - CONTAINMENT PENETRATION.
 - BRANCH CONNECTION WELD.
 - PIPE RESTRAINT.
 - INDICATES PIPE SUPPORT.

- REFERENCE DRAWINGS:
- P&ID: 114DB111
- F&B ISO: 114-1201-046-01105
- PIPING LAYOUT DWG.: 114DB107
- CIVIL/STRUCTURAL: 11420481002
- HANGER DETAIL DWG.: 11-1201-046-11002 THRU 11006

- NOTES:
- SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX40001 APPENDIX D. (U/N)



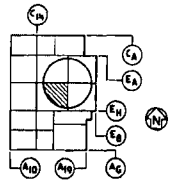
Southern Company Services, Inc.		GEORGIA POWER COMPANY	
GENERAL REVISION TO UPDATE DRAWING FOR ISI		ISSUED FOR INSPECTION	
REVISION 2 DATE 3-12-97 ADDING NEW WELD NUMBERS REVISED REFERENCES REVISED LEGEND HANGERS H001		REVISION 0 DATE 8-7-89 VOGTLE ELECTRIC GENERATING PLANT UNIT 1-LINE NO. 046 INSERVICE INSPECTION ISOMETRIC REACTOR COOLANT-SYSTEM 1201	
BY: RIB	CHKD: JGC	BY: BGT	CHKD: JLS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

SCALE: 1"=10'

050-10211-1S1

LINE NUMBER	CLASS	PIPE CLASS	LINE SIZE	PIPE SCHED.	WALL THIN.	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THIN.	
11201-050	1	111	FGO	2"	160	344	SA-112 1710L1	2485	650	2295	617	2.5"



LEGEND:

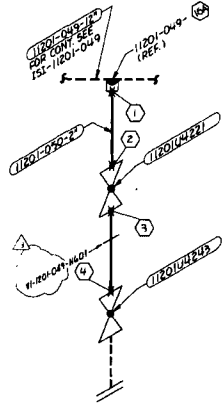
1. [Symbol] INDICATES FIELD WELD.
2. [Symbol] INDICATES SHOP WELD.
3. [Symbol] INDICATES INTERGRIFFLY WELDED SUPPORT ATTACHMENT.
4. [Symbol] CONTAINMENT PENETRATION.
5. [Symbol] BRANCH CONNECTION WELD.
6. [Symbol] PIPE RESTRAINT.
7. [Symbol] INDICATES PIPE SUPPORT.

REFERENCE DRAWINGS:

- P & I D.....1XNDB122
- FAB. ISO.....1XN-1201-04902/14
- PIPING LAYOUT DWG.....1X4DL4107
- CIVIL/STRUCTURAL.....1X2048F002
- HANGER DETAIL DWG.....1X-1201-049-1601

NOTES:

1. SEE 1S1 PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
2. FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX48001 APPENDIX D. (U.N.O.)

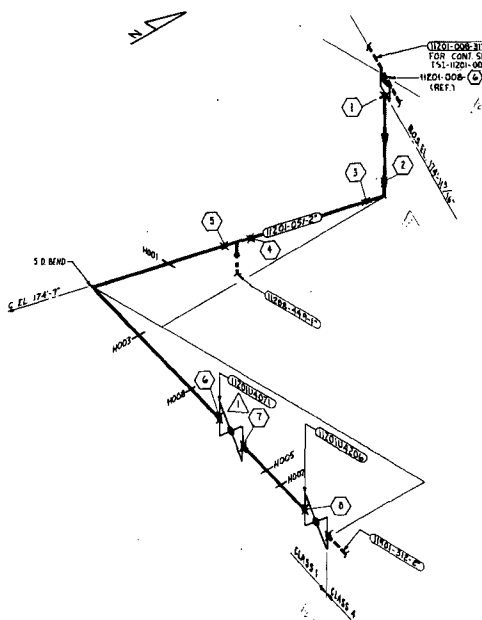
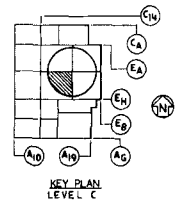


Southern Company Services, Inc.	
Georgia Power Company	
VOGTLER ELECTRIC GENERATING PLANT UNIT 1 - LINE NO 050 INSERVICE INSPECTION ISOMETRIC REACTOR COOLANT-SYSTEM 1201	
DATE: 11-27-97	DATE: 11-27-97
BY: RLB	BY: GPP
CHECKED: GPP	CHECKED: GPP
APPROVED: GPP	APPROVED: GPP
DATE: 11-27-97	DATE: 11-27-97
151-11201-050	3

NO.	DATE	DESCRIPTION	BY	CHECKED	APPROVED
1					
2					
3					
4					
5					
6					
7					

EQUIPMENT OR IDENTIFIED ITEM NUMBER	WELD OR EQUIP. RESCRIP.	PART EXAMINED (SEE NOTE NO. 1)	EXAM. REQUIREMENT FIG.	EXAMINATION METHOD AND ITEM NO.					
				VOL.	SURF.	VT1	VT2	VT3	VT4
112014071	PIPE WELD	WELD	1						
112014206	PIPE WELD	WELD	1						
11201-051-H001	WELD	WELD	1						
11201-051-H002	WELD	WELD	1						
11201-051-H003	WELD	WELD	1						
11201-051-H004	WELD	WELD	1						
11201-051-H005	WELD	WELD	1						
11201-051-H006	WELD	WELD	1						
11201-051-H007	WELD	WELD	1						
11201-051-H008	WELD	WELD	1						
11201-051-H009	WELD	WELD	1						
11201-051-H010	WELD	WELD	1						
11201-051-H011	WELD	WELD	1						
11201-051-H012	WELD	WELD	1						
11201-051-H013	WELD	WELD	1						
11201-051-H014	WELD	WELD	1						
11201-051-H015	WELD	WELD	1						
11201-051-H016	WELD	WELD	1						
11201-051-H017	WELD	WELD	1						
11201-051-H018	WELD	WELD	1						
11201-051-H019	WELD	WELD	1						
11201-051-H020	WELD	WELD	1						
11201-051-H021	WELD	WELD	1						
11201-051-H022	WELD	WELD	1						
11201-051-H023	WELD	WELD	1						
11201-051-H024	WELD	WELD	1						
11201-051-H025	WELD	WELD	1						
11201-051-H026	WELD	WELD	1						
11201-051-H027	WELD	WELD	1						
11201-051-H028	WELD	WELD	1						
11201-051-H029	WELD	WELD	1						
11201-051-H030	WELD	WELD	1						
11201-051-H031	WELD	WELD	1						
11201-051-H032	WELD	WELD	1						
11201-051-H033	WELD	WELD	1						
11201-051-H034	WELD	WELD	1						
11201-051-H035	WELD	WELD	1						
11201-051-H036	WELD	WELD	1						
11201-051-H037	WELD	WELD	1						
11201-051-H038	WELD	WELD	1						
11201-051-H039	WELD	WELD	1						
11201-051-H040	WELD	WELD	1						
11201-051-H041	WELD	WELD	1						
11201-051-H042	WELD	WELD	1						
11201-051-H043	WELD	WELD	1						
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11201-051-H046	WELD	WELD	1						
11201-051-H047	WELD	WELD	1						
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11201-051-H067	WELD	WELD	1						
11201-051-H068	WELD	WELD	1						
11201-051-H069	WELD	WELD	1						
11201-051-H070	WELD	WELD	1						
11201-051-H071	WELD	WELD	1						
11201-051-H072	WELD	WELD	1						
11201-051-H073	WELD	WELD	1						
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11201-051-H075	WELD	WELD	1						
11201-051-H076	WELD	WELD	1						
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11201-051-H080	WELD	WELD	1						
11201-051-H081	WELD	WELD	1						
11201-051-H082	WELD	WELD	1						
11201-051-H083	WELD	WELD	1						
11201-051-H084	WELD	WELD	1						
11201-051-H085	WELD	WELD	1						
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11201-051-H092	WELD	WELD	1						
11201-051-H093	WELD	WELD	1						
11201-051-H094	WELD	WELD	1						
11201-051-H095	WELD	WELD	1						
11201-051-H096	WELD	WELD	1						
11201-051-H097	WELD	WELD	1						
11201-051-H098	WELD	WELD	1						
11201-051-H099	WELD	WELD	1						
11201-051-H100	WELD	WELD	1						

LINE NUMBER	CLASS	PIPE CLASS	LINE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THICK.	
11201-051	1	III	FGO	2"	160	344	19,304	2465	650	220	556	2.5



- LEGEND:**
1. \square INDICATES FIELD WELD.
 2. \bullet INDICATES SHOP WELD.
 3. \blacklozenge INDICATES INTERGRALLY WELDED SUPPORT ATTACHMENT.
 4. \diamond CONTAINMENT PENETRATION.
 5. \blacktriangle BRANCH CONNECTION WELD.
 6. \dashv PIPE RESTRAINT.
 7. --- INDICATES PIPE SUPPORT.
- REFERENCE DRAWINGS:**
- P & ID --- IX4DB111
 - FAB ISO --- IX4-1201-051-01/13
 - PIPING LAYOUT DWG --- IX4DL4007
 - CIVIL/STRUCTURAL --- IX2D48A007
 - HANGER DETAIL DWG --- V1-1201-051-H001, H003, H005, H007, H008

- NOTES:**
1. SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 2. FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX4DR001 APPENDIX D. (U.N.G)

NO.	DATE	BY	DESCRIPTION
1	3-11-87		GENERAL REVISION TO UPDATE DRAWING FOR ISI
2	3-15-87		ISSUED FOR INSPECTION

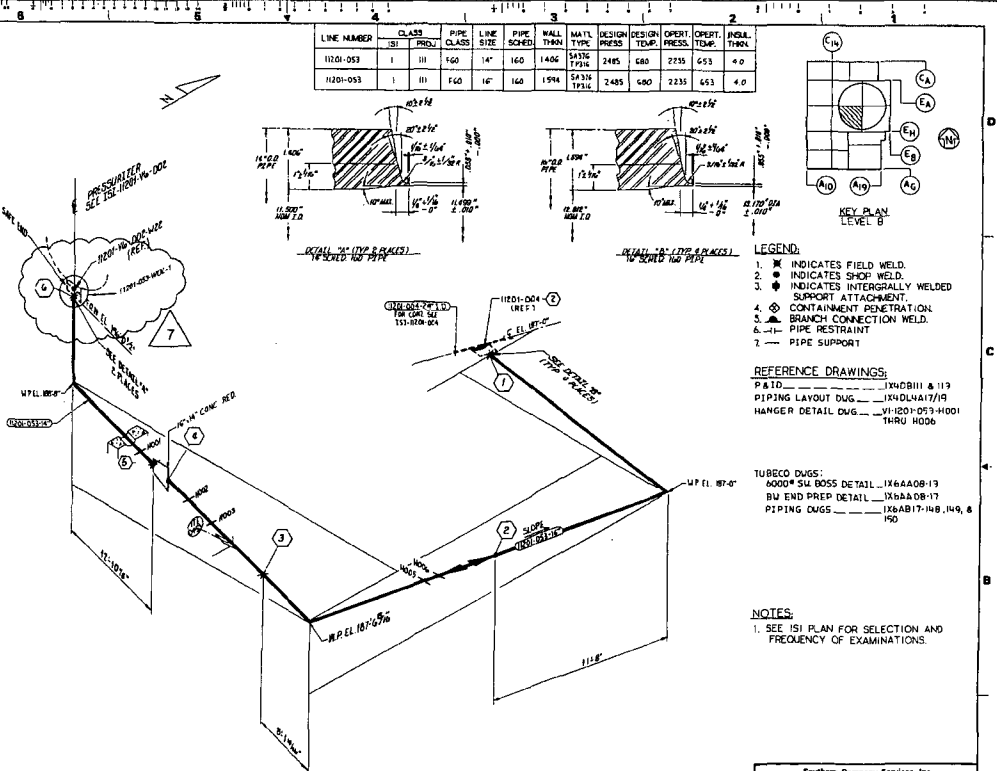
Southern Company Services, Inc.
GEORGIA POWER COMPANY

VOGTLE ELECTRIC GENERATING PLANT
UNIT 1 - LINE NO.051
INSERVICE INSPECTION ISOMETRIC
REACTOR COOLANT SYSTEM I201

DRAWING NO. 151-1201-051
REV. 2

EQUIPMENT OR WELD IDENTIFICATION NUMBER	WELD OR EQUIP. DESCRIP.	PART EXAMINED (NO. 1)	EXAM. RESOURCE (NO. 2)	EXAMINATION METHOD AND ITEM NO.			
				VOL.	SER.	VT1	VT2
11201-053-H001	INSERVIC INSPECTION	11201-053-1	11201-053-1				
H002	WELD						
H003	WELD						
H004	WELD						
H005	WELD						
H006	WELD						
11201-053-W010	BU	CIN. WELD	11201-053-8	8.11	8.11		
H020							
H021							
H022	B.W.	CIR. WELD	11201-053-8	8.11	8.11		
H023							
H024							

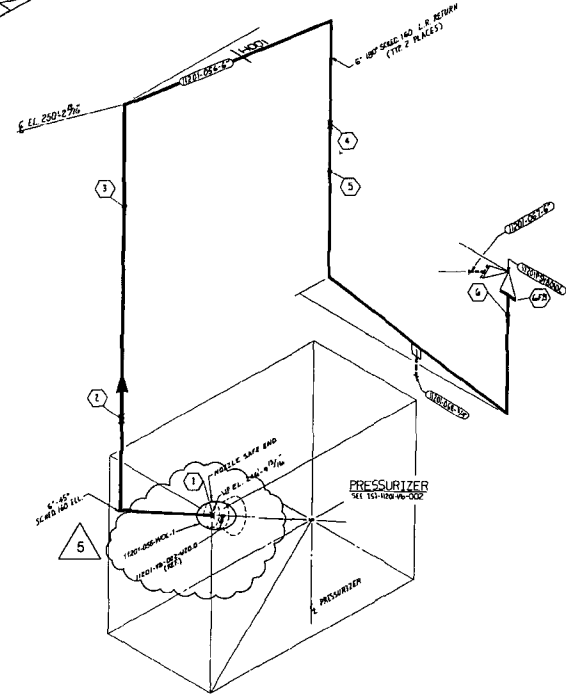
LINE NUMBER	CLASS	PIPE CLASS	LINE SIZE	PIPE SCHED.	WALL THICK.	MAT'L TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THICK.
11201-053	I	III	14"	160	1.406	S.A. 516	2485	680	2235	653	4.0
11201-053	I	III	16"	160	1.594	S.A. 516	2485	680	2235	653	4.0



REVISION	NO.	DATE	DESCRIPTION
5	3-13-97	4	11-11-95
6	3-15-95	7	6-28-09
7	5/25/91	8	3-9-94
8	99C	9	
9	EJD	10	
10	W3	11	
11	CUB	12	
12	W3	13	
13	CUB	14	
14	SM	15	
15	W3	16	
16	CUB	17	
17	W3	18	
18	CUB	19	
19	W3	20	
20	CUB	21	
21	W3	22	
22	CUB	23	
23	W3	24	
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283	W3	284	
284	CUB	285	
285	W3	286	
286	CUB	287	
287	W3		

EQUIPMENT OR IDENTIFICATION NUMBER	WELD OR EQUIP. DESCRIP.	PART EXAMINED	EXAM. REQUIREMENT FIG.	EXAMINATION METHOD AND ITEM NO.			
				VOL.	SURF.	VT1	VT2	VT3	VT4
11201-056-000	PIPE WELD	11201-056-000-01	11201-056-000-01	11201-056-000-01	11201-056-000-01	11201-056-000-01	11201-056-000-01
11201-056-000	PIPE WELD	11201-056-000-02	11201-056-000-02	11201-056-000-02	11201-056-000-02	11201-056-000-02	11201-056-000-02
11201-056-000	PIPE WELD	11201-056-000-03	11201-056-000-03	11201-056-000-03	11201-056-000-03	11201-056-000-03	11201-056-000-03
11201-056-000	PIPE WELD	11201-056-000-04	11201-056-000-04	11201-056-000-04	11201-056-000-04	11201-056-000-04	11201-056-000-04
11201-056-000	PIPE WELD	11201-056-000-05	11201-056-000-05	11201-056-000-05	11201-056-000-05	11201-056-000-05	11201-056-000-05
11201-056-000	PIPE WELD	11201-056-000-06	11201-056-000-06	11201-056-000-06	11201-056-000-06	11201-056-000-06	11201-056-000-06
11201-056-000	PIPE WELD	11201-056-000-07	11201-056-000-07	11201-056-000-07	11201-056-000-07	11201-056-000-07	11201-056-000-07
11201-056-000	PIPE WELD	11201-056-000-08	11201-056-000-08	11201-056-000-08	11201-056-000-08	11201-056-000-08	11201-056-000-08
11201-056-000	PIPE WELD	11201-056-000-09	11201-056-000-09	11201-056-000-09	11201-056-000-09	11201-056-000-09	11201-056-000-09
11201-056-000	PIPE WELD	11201-056-000-10	11201-056-000-10	11201-056-000-10	11201-056-000-10	11201-056-000-10	11201-056-000-10
11201-056-000	PIPE WELD	11201-056-000-11	11201-056-000-11	11201-056-000-11	11201-056-000-11	11201-056-000-11	11201-056-000-11
11201-056-000	PIPE WELD	11201-056-000-12	11201-056-000-12	11201-056-000-12	11201-056-000-12	11201-056-000-12	11201-056-000-12
11201-056-000	PIPE WELD	11201-056-000-13	11201-056-000-13	11201-056-000-13	11201-056-000-13	11201-056-000-13	11201-056-000-13
11201-056-000	PIPE WELD	11201-056-000-14	11201-056-000-14	11201-056-000-14	11201-056-000-14	11201-056-000-14	11201-056-000-14
11201-056-000	PIPE WELD	11201-056-000-15	11201-056-000-15	11201-056-000-15	11201-056-000-15	11201-056-000-15	11201-056-000-15
11201-056-000	PIPE WELD	11201-056-000-16	11201-056-000-16	11201-056-000-16	11201-056-000-16	11201-056-000-16	11201-056-000-16
11201-056-000	PIPE WELD	11201-056-000-17	11201-056-000-17	11201-056-000-17	11201-056-000-17	11201-056-000-17	11201-056-000-17
11201-056-000	PIPE WELD	11201-056-000-18	11201-056-000-18	11201-056-000-18	11201-056-000-18	11201-056-000-18	11201-056-000-18
11201-056-000	PIPE WELD	11201-056-000-19	11201-056-000-19	11201-056-000-19	11201-056-000-19	11201-056-000-19	11201-056-000-19
11201-056-000	PIPE WELD	11201-056-000-20	11201-056-000-20	11201-056-000-20	11201-056-000-20	11201-056-000-20	11201-056-000-20
11201-056-000	PIPE WELD	11201-056-000-21	11201-056-000-21	11201-056-000-21	11201-056-000-21	11201-056-000-21	11201-056-000-21
11201-056-000	PIPE WELD	11201-056-000-22	11201-056-000-22	11201-056-000-22	11201-056-000-22	11201-056-000-22	11201-056-000-22
11201-056-000	PIPE WELD	11201-056-000-23	11201-056-000-23	11201-056-000-23	11201-056-000-23	11201-056-000-23	11201-056-000-23
11201-056-000	PIPE WELD	11201-056-000-24	11201-056-000-24	11201-056-000-24	11201-056-000-24	11201-056-000-24	11201-056-000-24
11201-056-000	PIPE WELD	11201-056-000-25	11201-056-000-25	11201-056-000-25	11201-056-000-25	11201-056-000-25	11201-056-000-25
11201-056-000	PIPE WELD	11201-056-000-26	11201-056-000-26	11201-056-000-26	11201-056-000-26	11201-056-000-26	11201-056-000-26
11201-056-000	PIPE WELD	11201-056-000-27	11201-056-000-27	11201-056-000-27	11201-056-000-27	11201-056-000-27	11201-056-000-27
11201-056-000	PIPE WELD	11201-056-000-28	11201-056-000-28	11201-056-000-28	11201-056-000-28	11201-056-000-28	11201-056-000-28
11201-056-000	PIPE WELD	11201-056-000-29	11201-056-000-29	11201-056-000-29	11201-056-000-29	11201-056-000-29	11201-056-000-29
11201-056-000	PIPE WELD	11201-056-000-30	11201-056-000-30	11201-056-000-30	11201-056-000-30	11201-056-000-30	11201-056-000-30
11201-056-000	PIPE WELD	11201-056-000-31	11201-056-000-31	11201-056-000-31	11201-056-000-31	11201-056-000-31	11201-056-000-31
11201-056-000	PIPE WELD	11201-056-000-32	11201-056-000-32	11201-056-000-32	11201-056-000-32	11201-056-000-32	11201-056-000-32
11201-056-000	PIPE WELD	11201-056-000-33	11201-056-000-33	11201-056-000-33	11201-056-000-33	11201-056-000-33	11201-056-000-33
11201-056-000	PIPE WELD	11201-056-000-34	11201-056-000-34	11201-056-000-34	11201-056-000-34	11201-056-000-34	11201-056-000-34
11201-056-000	PIPE WELD	11201-056-000-35	11201-056-000-35	11201-056-000-35	11201-056-000-35	11201-056-000-35	11201-056-000-35
11201-056-000	PIPE WELD	11201-056-000-36	11201-056-000-36	11201-056-000-36	11201-056-000-36	11201-056-000-36	11201-056-000-36
11201-056-000	PIPE WELD	11201-056-000-37	11201-056-000-37	11201-056-000-37	11201-056-000-37	11201-056-000-37	11201-056-000-37
11201-056-000	PIPE WELD	11201-056-000-38	11201-056-000-38	11201-056-000-38	11201-056-000-38	11201-056-000-38	11201-056-000-38
11201-056-000	PIPE WELD	11201-056-000-39	11201-056-000-39	11201-056-000-39	11201-056-000-39	11201-056-000-39	11201-056-000-39
11201-056-000	PIPE WELD	11201-056-000-40	11201-056-000-40	11201-056-000-40	11201-056-000-40	11201-056-000-40	11201-056-000-40
11201-056-000	PIPE WELD	11201-056-000-41	11201-056-000-41	11201-056-000-41	11201-056-000-41	11201-056-000-41	11201-056-000-41
11201-056-000	PIPE WELD	11201-056-000-42	11201-056-000-42	11201-056-000-42	11201-056-000-42	11201-056-000-42	11201-056-000-42
11201-056-000	PIPE WELD	11201-056-000-43	11201-056-000-43	11201-056-000-43	11201-056-000-43	11201-056-000-43	11201-056-000-43
11201-056-000	PIPE WELD	11201-056-000-44	11201-056-000-44	11201-056-000-44	11201-056-000-44	11201-056-000-44	11201-056-000-44
11201-056-000	PIPE WELD	11201-056-000-45	11201-056-000-45	11201-056-000-45	11201-056-000-45	11201-056-000-45	11201-056-000-45
11201-056-000	PIPE WELD	11201-056-000-46	11201-056-000-46	11201-056-000-46	11201-056-000-46	11201-056-000-46	11201-056-000-46
11201-056-000	PIPE WELD	11201-056-000-47	11201-056-000-47	11201-056-000-47	11201-056-000-47	11201-056-000-47	11201-056-000-47
11201-056-000	PIPE WELD	11201-056-000-48	11201-056-000-48	11201-056-000-48	11201-056-000-48	11201-056-000-48	11201-056-000-48
11201-056-000	PIPE WELD	11201-056-000-49	11201-056-000-49	11201-056-000-49	11201-056-000-49	11201-056-000-49	11201-056-000-49
11201-056-000	PIPE WELD	11201-056-000-50	11201-056-000-50	11201-056-000-50	11201-056-000-50	11201-056-000-50	11201-056-000-50

LINE NUMBER	CLASS	PIPE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSTR. THICK.		
11201-056	1	111	160	6"	160	719	545% 1750#	2485	683	2255	653	3.5



- LEGEND:**
1. ■ INDICATES FIELD WELD.
 2. ● INDICATES SHOP WELD.
 3. ◆ INDICATES INTERGRALLY WELDED SUPPORT ATTACHMENT.
 4. ⊗ CONTAINMENT PENETRATION.
 5. ⊕ BRANCH CONNECTION WELD.
 6. — PIPE RESTRAINT.
 7. — INDICATES PIPE SUPPORT.

REFERENCE DRAWINGS:
P & ID — — — — — IX4DB112
PIPING AREA DWG — — IX4DL420/07
CIVIL/STRUCTURAL — — IX2DH84015
WESTINGHOUSE DWGS.
PRESSURIZER SAFETY
& RELIEF VALVE
PIPING-SUPPORTS — IX2AB17-134, 135, 136, 137

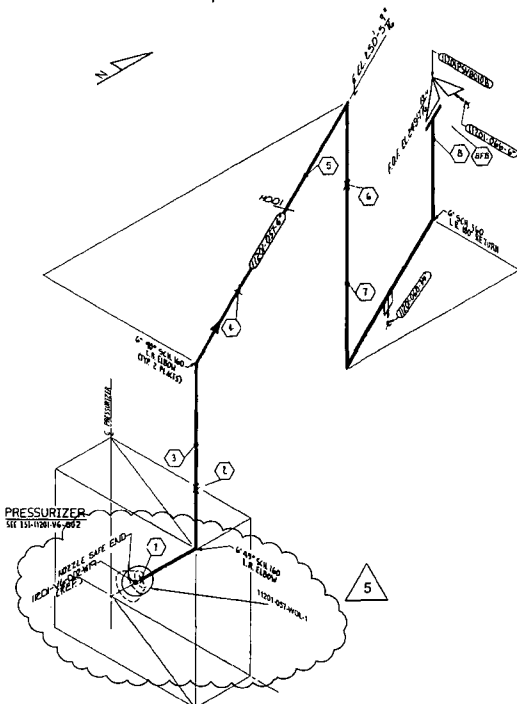
- NOTES:**
1. SEE IS1 PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS
 2. FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX4DR001 APPENDIX G. (UNG)

Southern Company Services, Inc.	
GEORGIA POWER COMPANY	
VOGTLÉ ELECTRIC GENERATING PLANT	
UNIT 1 - LINE NO 056	
INSERVICE INSPECTION ISOMETRIC	
REACTOR COOLANT-SYSTEM 1201	
REVISION	DATE
1	151-11201-056

REVISION 8	DATE 6-20-09	REVISION 7	DATE 5-18-07	REVISION 6	DATE 6-23-06	REVISION 5	DATE 11-11-05	REVISION 4	DATE 3-15-05	REVISION 3	DATE 3-9-04
REVISED PER DCP 1060607901 AND DOCUMENTED IN PCR 2007-005.		GENERAL REVISION TO UPDATE DWG FOR IS1		REVISED LEGEND CHANGED PIPE RESTRAINT TO PIPE SUPPORT DIMENSIONED IT HOOD AND ADDED TO LIST. ADDED FLD BOLT ASSEMBLY TO LIST.		ADDED FLANGE BOLTS		ADDED NEW WELD NO'S, W.P. EL., ANGULAR DIMENSIONS, SEE WELD. REVISED REFERENCE DWGS		ISSUED FOR INSPECTION	
BY SM	CHKD WJA	BY RTA	CHKD BBA	BY BBT	CHKD WSC	BY EJD	CHKD WSC	BY BKG	CHKD WJS	BY BKG	CHKD WJS

EQUIPMENT OR WELD IDENTIFICATION NUMBER	WELD OR EQUIP. DESCRIP.	PART EXAMINED (SEE NOTE NO. 1)	EXAM. REQUIREMENT FIG.	EXAMINATION METHOD AND ITEM NO.						
				VOL.	SURF.	V11	V12	V13	V14	
11201-057	FIELD WELD	PIPE	1				1514	1514		
11201-057-1210	CIR. WELD	1/4" X 2" 90°	1				1514	1514		
11201-057-1210	W279									
11201-057-1210	W281									
11201-057-1210	W282									
11201-057-1210	W283									
11201-057-1210	W284									
11201-057-1210	W285									
11201-057-1210	W286									
11201-057-1210	W287									
11201-057-1210	W288									
11201-057-1210	W289									
11201-057-1210	W290									
11201-057-1210	W291									
11201-057-1210	W292									
11201-057-1210	W293									
11201-057-1210	W294									
11201-057-1210	W295									
11201-057-1210	W296									
11201-057-1210	W297									
11201-057-1210	W298									
11201-057-1210	W299									
11201-057-1210	W300									

LINE NUMBER	CLASS	PIPE CLASS	PIPE SIZE	PIPE SCHED.	WALL THK.	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THK.	
11201-057	1	111	FGO	6"	160	719	SA 336 TP304	2485	680	2235	653	3.6



- LEGEND:**
1. [Symbol] INDICATES FIELD WELD.
 2. [Symbol] INDICATES SHOP WELD.
 3. [Symbol] INDICATES INTERGRIFF WELDED SUPPORT ATTACHMENT.
 4. [Symbol] CONTAINMENT PENETRATION.
 5. [Symbol] BRANCH CONNECTION WELD.
 6. [Symbol] PIPE RESTRAINT.
 7. [Symbol] INDICATES PIPE SUPPORT.

REFERENCE DRAWINGS:
 P & ID _____ IX40B12
 PIPING AREA DWG. _____ IX40L410/07
 CIVIL/STRUCTURAL _____ IX20H8A015
 WESTINGHOUSE DWGS:
 PRESSURIZER SAFETY & RELIEF VALVE PIPING AND SUPPORTS _____ IX68B17-174, 175, 176, 177

- NOTES:**
1. SEE 'SI' PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 2. FOR PIPE WELD END PREP. SEE SECTEL DWG. AX40R01 APPENDIX D. (UN D)

REVISION	DATE	DESCRIPTION
5	8-28-09	REVISED PER DCP 100607001 AND DOCUMENTED IN PCP 2007-005.
4	5-18-97	GENERAL REVISION TO UPDATE DRAWING FOR 151.
3	6-23-84	ADDED SUPPORT H001 TO DRAWING AND LIST. ADDED FLD. BOLT ASSEMBLY TO LIST.
2	11-11-85	ADDED FLANGE BOLTS
1	3-15-85	ADDED NEW WELD NUMBERS. REVISED LEGEND & REFERENCES. IMPORTED ANGLE, LINEAR DIMENSION, AND ELEVATION. ADDED 11201-057-W14 (REF).
0	3-5-84	ISSUED FOR INSPECTION

Southern Company Services, Inc.
GEORGIA POWER COMPANY

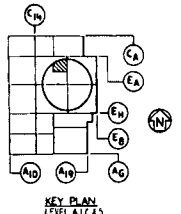
VOGTLE ELECTRIC GENERATING PLANT
 UNIT 1- LINE NO. 057
 INSERVICE INSPECTION ISOMETRIC
 REACTOR COOLANT-SYSTEM 1201

DATE: 151-11201-057 5

NO.	DATE	BY	CHKD.	APPV.	NO.	DATE	BY	CHKD.	APPV.	NO.	DATE	BY	CHKD.	APPV.	NO.	DATE	BY	CHKD.	APPV.										
SM	8/28/09	JM	AM		151	5/18/97	WS	CA		151	6/23/84	WS	CA		151	11/11/85	WS	CA		151	3/15/85	WS	CA		151	3/5/84	WS	CA	

SCALING RULES

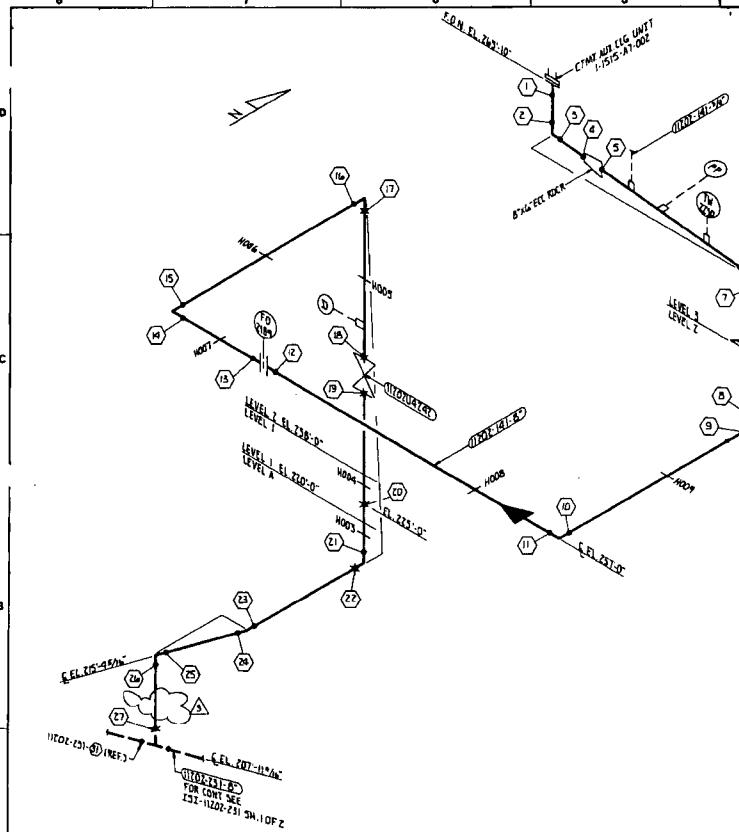
LINE NUMBER	CLASS	PIPE CLASS	LINE SIZE	PIPE SCHED	WALL THICK	MATL TYPE	DESIGN PRESS	DESIGN TEMP	OPERT. PRESS.	OPERT. TEMP.	INSUL. THICK.	
11202-141	Z	Z1Z	LLB	8"	40S	S22	SA-312 TP304L	Z00	Z80	145	105	N/A
11202-141	Z	Z1Z	LLB	6"	40S	T80	SA-312 TP304L	Z00	Z80	145	105	N/A



- LEGEND:**
- 1. ✕ INDICATES FIELD WELD.
 - 2. ● INDICATES SHOP WELD.
 - 3. ● INDICATES INTERGRALLY WELDED SUPPORT ATTACHMENT.
 - 4. ⊕ CONTAINMENT PENETRATION.
 - 5. ⊕ BRANCH CONNECTION WELD.
 - 6. —|— PIPE RESTRAINT
 - 7. —|— PIPE SUPPORT

- REFERENCE DRAWINGS:**
- FIELD ——— JY40D155-Z
 - FAB. I.S.O. ——— JY4-112Z-141-D1/1Z
 - PIPING LAYOUT TNG ——— 114 DK-CO2 103, C10, C12
 - CIVIL STRUCTURAL ——— 112-DK-BF1D
 - HANGER DETAIL DWG. ——— V1-112Z-141-H001, H005 THRU H010
 - F-SHEETS ——— F-1435Z THRU F-1435B

- NOTES:**
1. SEE I51 PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 2. FOR PIPE WELD END PREP, SEE BECHTEL DWG. AX40R001 APPENDIX D. (U.N.O.)

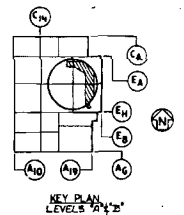
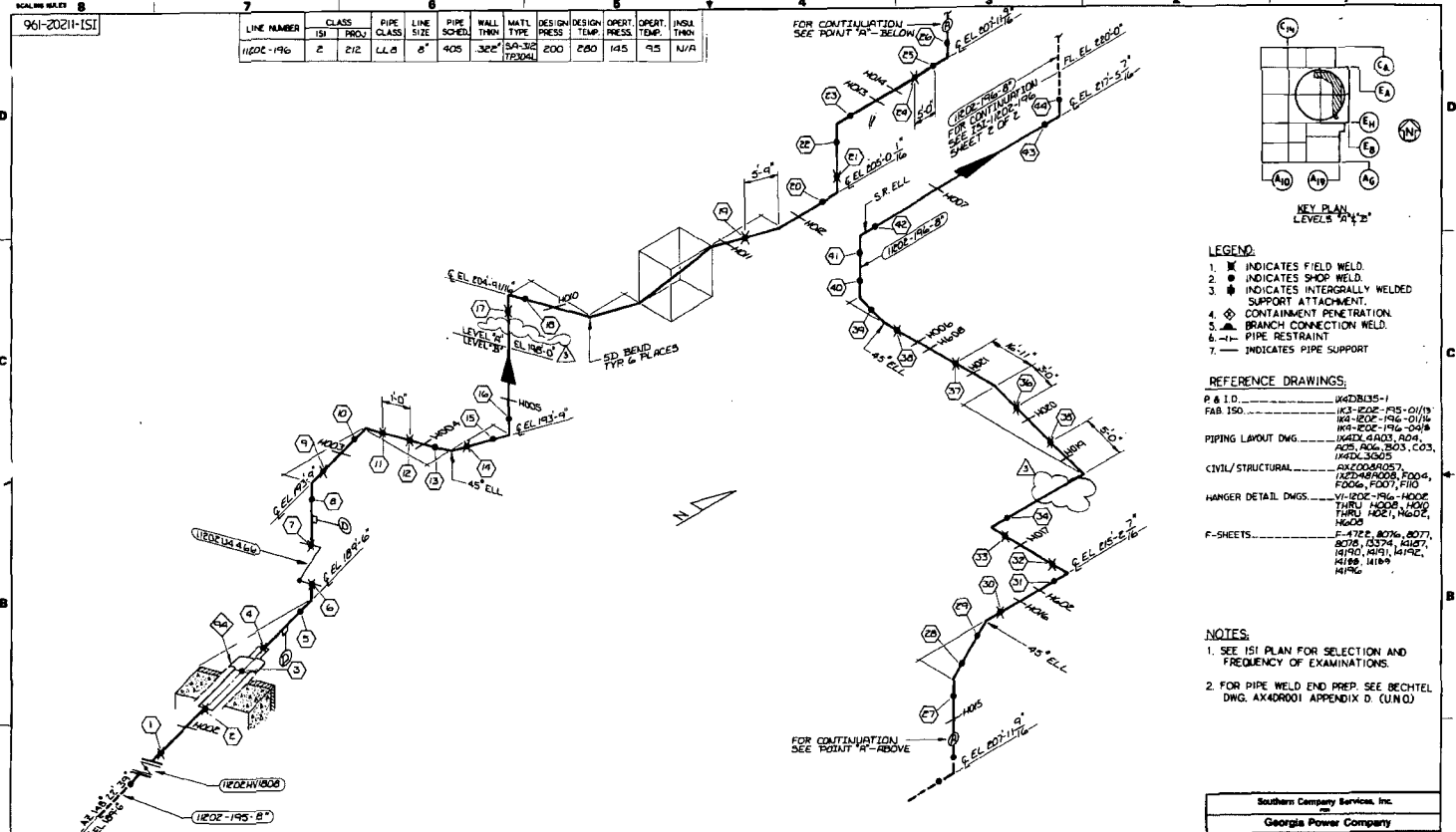


Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 1 - LINE NO 141	
INSERVICE INSPECTION ISOMETRIC	
NSCW-SYSTEM 1202	
DATE	BY
151-11202-141	9

NO.	DATE	DESCRIPTION	BY	CHKD.
1	11-19-92	REMOVED HANGER H001 PER DCB 92-005	CWB	DKL
2	5-17-97	GENERAL REVISION TO UPDATE DRAWINGS PER 151	CWB	DKL
3	6-3-85	CHANGED CAL. BLK. NO.	CWB	DKL
4	8-15-82	ISSUED FOR INSPECTION	CWB	DKL

961-20211-1S1

LINE NUMBER	CLASS	PIPE	LINE	PIPE	WALL	MATL	DESIGN	DESIGN	OPERAT	OPERAT	INSLA	
11202-196	2	E12	LL 0	8"	400	302	SA-312	200	280	145	0.5	N/A



- LEGEND:**
- INDICATES FIELD WELD
 - INDICATES SHOP WELD
 - INDICATES INTERIORLY WELDED SUPPORT ATTACHMENT
 - CONTAINMENT PENETRATION
 - BRANCH CONNECTION WELD
 - PIPE RESTRAINT
 - INDICATES PIPE SUPPORT

- REFERENCE DRAWINGS:**
- P & I D. ----- 442DB35-1
 FAB ISO. ----- 103-202-195-01/19
 103-202-196-01/19
 103-202-196-02/19
 103-202-196-03/19
 103-202-196-04/19
 103-202-196-05/19
 103-202-196-06/19
 103-202-196-07/19
 103-202-196-08/19
 103-202-196-09/19
 103-202-196-10/19
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 103-202-196-26/19
 103-202-196-27/19
 103-202-196-28/19
 103-202-196-29/19
 103-202-196-30/19

- NOTES:**
- SEE 1ST PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX40001 APPENDIX D (UNO)

REVISION	DATE	BY	DESCRIPTION
REVISION 1	11-13-92		REMOVED HANGERS HAA AND HOB PER FIG. 72-005
REVISION 2	5-7-97		GENERAL REVISIONS TO UPDATE DRAWING FOR 1S1
REVISION 3	10-3-98		CHANGED CAL. BLK. NO.
REVISION 4	8-19-95		ISSUED FOR INSPECTION

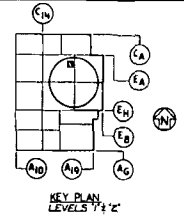
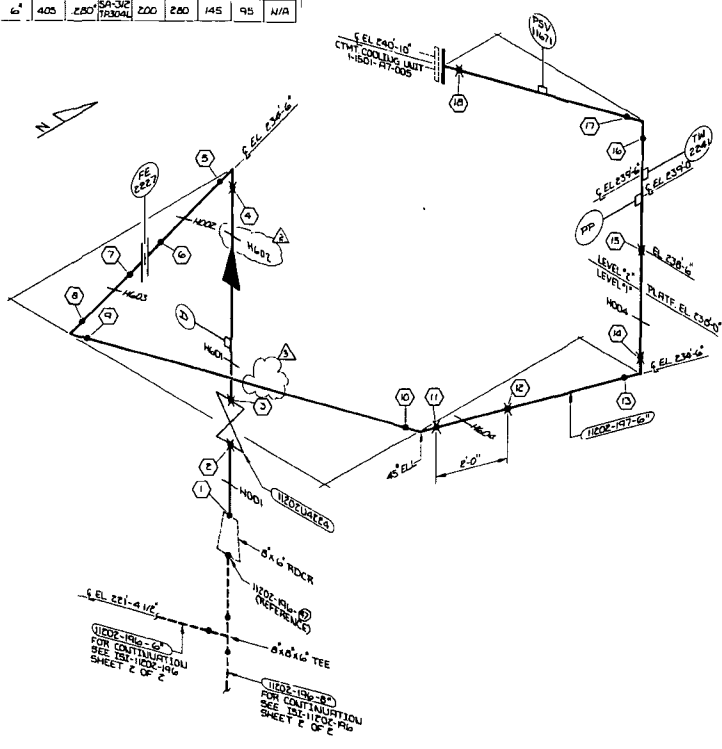
Southern Company Services, Inc.
 Georgia Power Company
 VOGTLE ELECTRIC GENERATING PLANT
 UNIT 1 - LINE NO 196
 INSERVICE INSPECTION ISOMETRIC
 NSCW-SYSTEM 1202

DESIGNED BY: [Signature]
 CHECKED BY: [Signature]
 DATE: 11/13/92

8 7 6 5 4 3 2 1

SCALE: 1/4" = 1'-0"

LINE NUMBER	CLASS	PIPE CLASS	PIPE SIZE	PIPE SCHED.	WALL THIN.	MATL.	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THIN.
11202-197	C	212	LLB	6"	40S	SA304	200	280	145	95	N/A

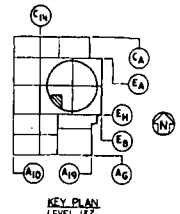


- LEGEND:**
- INDICATES FIELD WELD.
 - INDICATES SHOP WELD.
 - INDICATES INTERGRALLY WELDED SUPPORT ATTACHMENT.
 - CONTAINMENT PENETRATION.
 - BRANCH CONNECTION WELD.
 - PIPE RESTRAINT.
 - INDICATES PIPE SUPPORT.

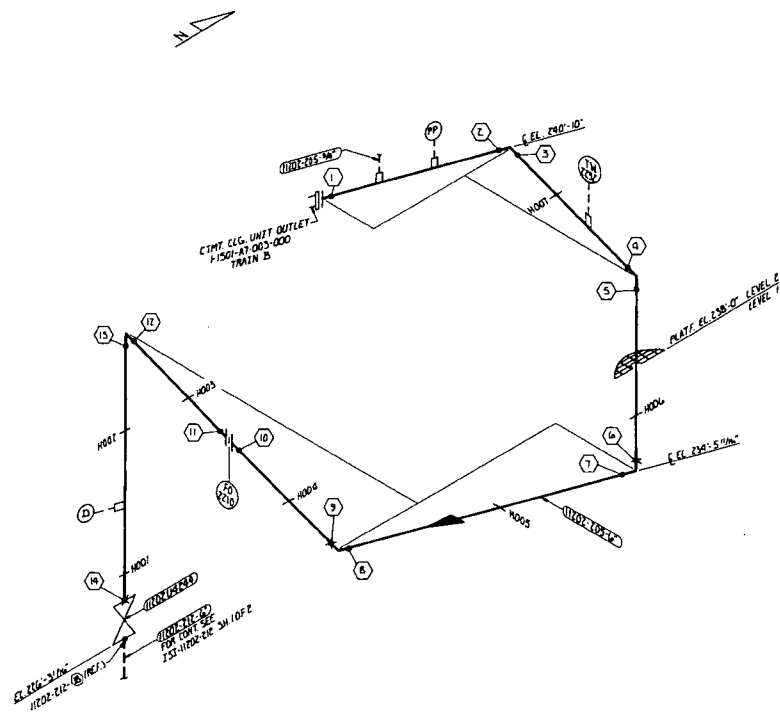
- REFERENCE DRAWINGS:**
- P & I D. --- H45D135-1
 - FAB. ISO --- K0-1202-196-05/11
 - PIPING LAYOUT DWG. --- H45E-ACDC-FIC
 - CIVIL/STRUCTURAL --- H45D-RTIE-FIN-F16
 - HANGER DETAIL DWG. --- V1-202-137-H001
 - TIPI H001, H002, H003, H004, H005, H006, H007, H008, H009, H010, H011, H012, H013, H014, H015, H016, H017, H018, H019, H020, H021, H022, H023, H024, H025, H026, H027, H028, H029, H030, H031, H032, H033, H034, H035, H036, H037, H038, H039, H040, H041, H042, H043, H044, H045, H046, H047, H048, H049, H050, H051, H052, H053, H054, H055, H056, H057, H058, H059, H060, H061, H062, H063, H064, H065, H066, H067, H068, H069, H070, H071, H072, H073, H074, H075, H076, H077, H078, H079, H080, H081, H082, H083, H084, H085, H086, H087, H088, H089, H090, H091, H092, H093, H094, H095, H096, H097, H098, H099, H100, H101, H102, H103, H104, H105, H106, H107, H108, H109, H110, H111, H112, H113, H114, H115, H116, H117, H118, H119, H120, H121, H122, H123, H124, H125, H126, H127, H128, H129, H130, H131, H132, H133, H134, H135, H136, H137, H138, H139, H140, H141, H142, H143, H144, H145, H146, H147, H148, H149, H150, H151, H152, H153, H154, H155, H156, H157, H158, H159, H160, H161, H162, H163, H164, H165, 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SCALING RULES

LINE NUMBER	CLASS		PIPE CLASS	LINE SIZE	PIPE SCHED.	WALL THICK.	MATERIAL	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THICK.
	IS	PROJ.										
11202-205	Z	DIC	LLB	6"	40S	Z80	SA 312 17904L	ZDD	ZDD	145	105	N/A



- LEGEND:**
- INDICATES FIELD WELD.
 - INDICATES SHOP WELD.
 - INDICATES INTERGRALLY WELDED SUPPORT ATTACHMENT.
 - CONTAINMENT PENETRATION.
 - BRANCHY CONNECTION WELD.
 - PIPE RESTRAINT.
 - PIPE SUPPORT.
- REFERENCE DRAWINGS:**
- PLTD. 1142B/105-2
 PAD. 750 114-1102-105-07/13
 PIPING LAYOUT DWG. 114914000, DIS
 CIVIL/STRUCTURAL 1122040515
 HANGER DETAIL DWG. 11-11202-205-H001 THRU
 H007
 F-SHEETS 11-12134 THRU F-12141

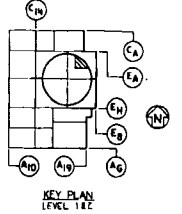


- NOTES:**
- SEE IS1 PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX40001 APPENDIX D. (U.N.D)

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT UNIT 1 - LINE NO. 205 INSERVICE INSPECTION ISOMETRIC NSCW-SYSTEM 1202	
DESIGNED BY	BRG
CHECKED BY	WS MB
DATE	11-11202-205 2

NO.	DATE	DESCRIPTION	BY	CHECKED
1	5-18-87	GENERAL REVISION TO UPDATE DRAWING FOR IS1	RLB	GLB
2	12-3-85	CHANGED CAL. BLK. NO.	CLG	WS
3	2-19-85	ISSUED FOR INSPECTION	BRG	WS MB

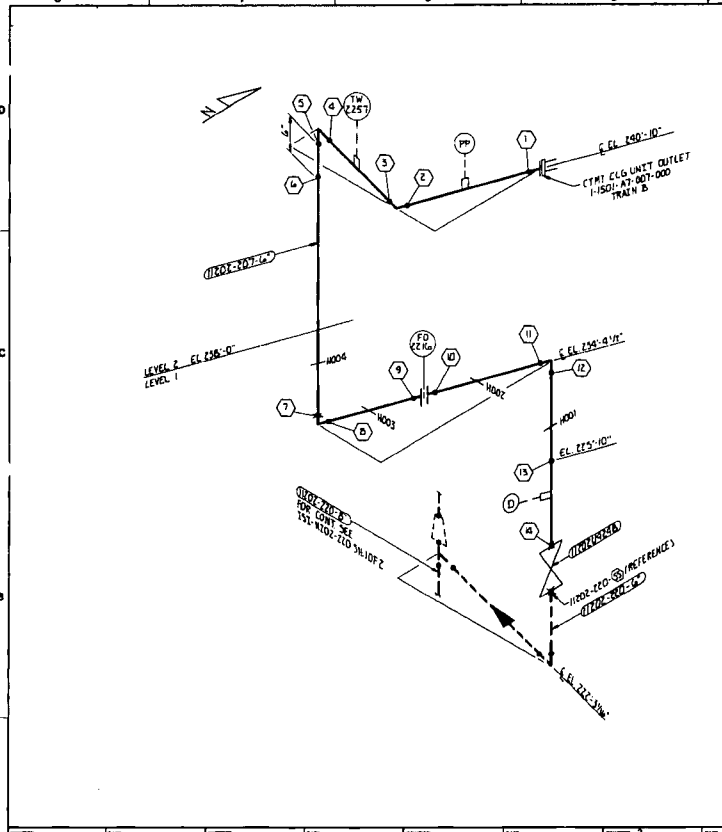
LINE NUMBER	CLASS	PIPE CLASS	PIPE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THICK.
11202-207	2	212	6"	405	.180	SA312 TP304L	700	750	MS	105	N/A



- LEGEND**
- 1. ✕ INDICATES FIELD WELD.
 - 2. ● INDICATES SHOP WELD.
 - 3. ○ INDICATES INTERGRALLY WELDED
 - 4. ◆ SUPPORT ATTACHMENT
 - 5. ⊕ CONTAINMENT PENETRATION
 - 6. ⊕ BRANCH CONNECTION WELD.
 - 7. — PIPE RESTRAINT
 - 8. — PIPE SUPPORT

- REFERENCE DRAWINGS**
- PIED. — J140B155-2
 - PAB. ISO — 169-1202-207-04/6
 - PIPING LAYOUT DWG. — 169-4802-D8
 - CIVIL/STRUCTURAL — J170487/19
 - HANGER DETAIL DWG. — 11-202-207-H001 THRU H009
 - F-SHEETS — F-14836 THRU F-14839

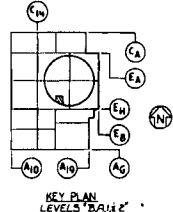
- NOTES**
- 1. SEE IS1 PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - 2. FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX48001 APPENDIX D. (U.N.D.)



Southern Company Services, Inc.																											
Georgia Power Company																											
VOGTLE ELECTRIC GENERATING PLANT UNIT 1 - LINE NO 207 INSERVICE INSPECTION ISOMETRIC NSCW - SYSTEM 1202																											
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REVISION	DATE	BY	DESCRIPTION																								
1	8-19-85	MB	ISSUED FOR INSPECTION																								
2	10-3-85	MB	CHANGED CAL. BULK NO.																								
3	3-17-87	MB	GENERAL REVISION TO UPDATE DRAWING FOR IS1																								
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DESIGNED	CHECKED	APPROVED	DATE																								
MB	MB	MB	11/14/87																								

602-2021-151

LINE NUMBER	CLASS	PIPE CLASS	LINE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSTR. THICK.
1202-209	2	212	6"	40S	0.280	SA-312 TP304L	200	200	145	4.5	U/A
1202-209	2	212	6"	40S	0.280	SA-312 TP304L	200	200	145	4.5	N/A

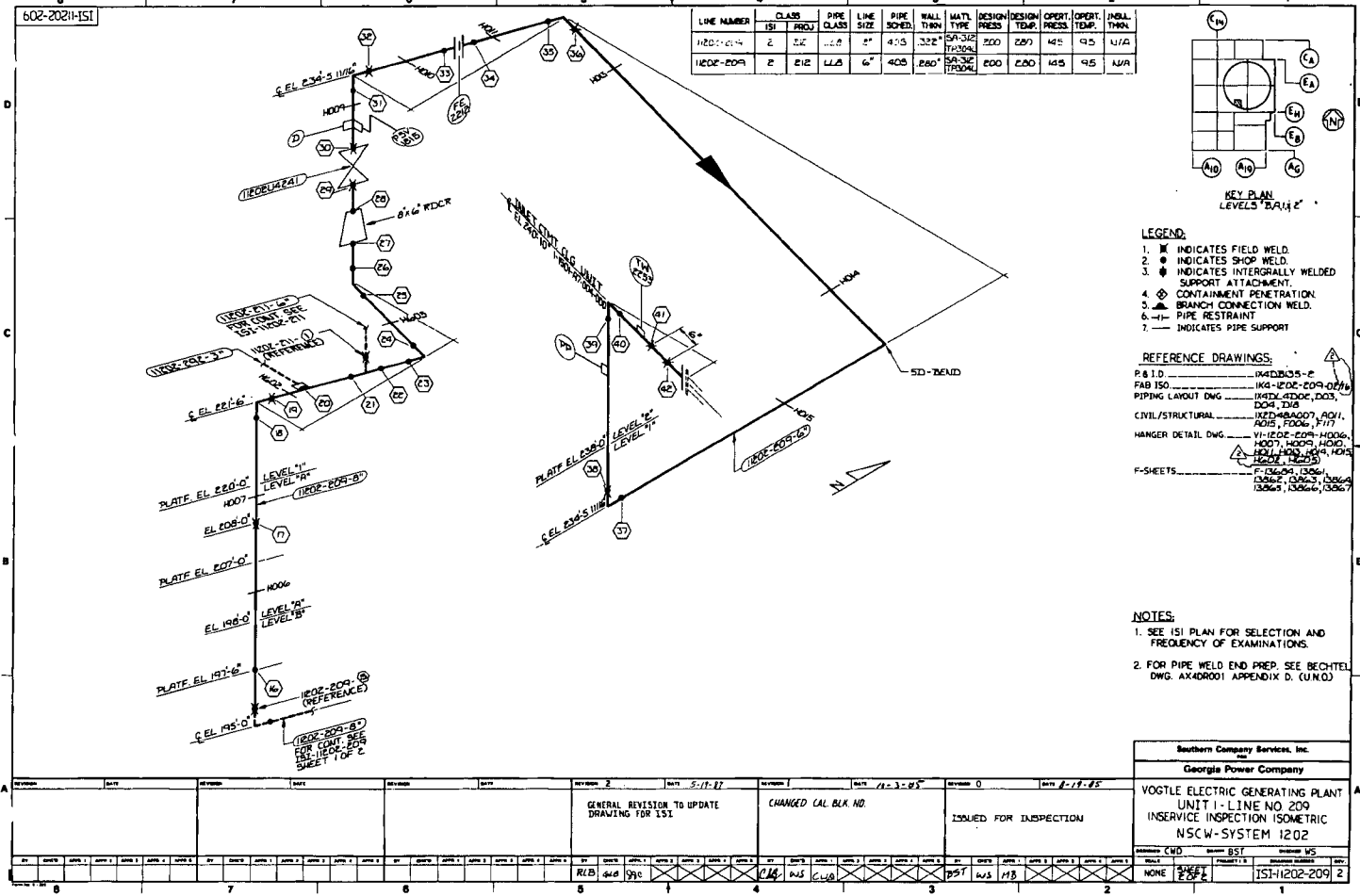


- LEGEND:**
- INDICATES FIELD WELD.
 - INDICATES SHOP WELD.
 - INDICATES INTERGRIFFLY WELDED SUPPORT ATTACHMENT.
 - CONTAINMENT PENETRATION.
 - BRANCH CONNECTION WELD.
 - PIPE RESTRAINT.
 - INDICATES PIPE SUPPORT.

- REFERENCE DRAWINGS:**
- P & I D. - (K&S) 209-209-001
 - FAB ISO. - (K&S) 209-209-002
 - PIPING LAYOUT DWG. - (K&S) 209-209-003, 209-209-004, 209-209-005
 - CIVIL/STRUCTURAL - (K&S) 209-209-006, 209-209-007, 209-209-008, 209-209-009, 209-209-010, 209-209-011, 209-209-012, 209-209-013, 209-209-014, 209-209-015, 209-209-016, 209-209-017, 209-209-018, 209-209-019, 209-209-020, 209-209-021, 209-209-022, 209-209-023, 209-209-024, 209-209-025, 209-209-026, 209-209-027, 209-209-028, 209-209-029, 209-209-030, 209-209-031, 209-209-032, 209-209-033, 209-209-034, 209-209-035, 209-209-036, 209-209-037, 209-209-038, 209-209-039, 209-209-040, 209-209-041, 209-209-042, 209-209-043, 209-209-044, 209-209-045, 209-209-046, 209-209-047, 209-209-048, 209-209-049, 209-209-050, 209-209-051, 209-209-052, 209-209-053, 209-209-054, 209-209-055, 209-209-056, 209-209-057, 209-209-058, 209-209-059, 209-209-060, 209-209-061, 209-209-062, 209-209-063, 209-209-064, 209-209-065, 209-209-066, 209-209-067, 209-209-068, 209-209-069, 209-209-070, 209-209-071, 209-209-072, 209-209-073, 209-209-074, 209-209-075, 209-209-076, 209-209-077, 209-209-078, 209-209-079, 209-209-080, 209-209-081, 209-209-082, 209-209-083, 209-209-084, 209-209-085, 209-209-086, 209-209-087, 209-209-088, 209-209-089, 209-209-090, 209-209-091, 209-209-092, 209-209-093, 209-209-094, 209-209-095, 209-209-096, 209-209-097, 209-209-098, 209-209-099, 209-209-100
 - HANGER DETAIL DWG. - (K&S) 209-209-001, 209-209-002, 209-209-003, 209-209-004, 209-209-005, 209-209-006, 209-209-007, 209-209-008, 209-209-009, 209-209-010, 209-209-011, 209-209-012, 209-209-013, 209-209-014, 209-209-015, 209-209-016, 209-209-017, 209-209-018, 209-209-019, 209-209-020, 209-209-021, 209-209-022, 209-209-023, 209-209-024, 209-209-025, 209-209-026, 209-209-027, 209-209-028, 209-209-029, 209-209-030, 209-209-031, 209-209-032, 209-209-033, 209-209-034, 209-209-035, 209-209-036, 209-209-037, 209-209-038, 209-209-039, 209-209-040, 209-209-041, 209-209-042, 209-209-043, 209-209-044, 209-209-045, 209-209-046, 209-209-047, 209-209-048, 209-209-049, 209-209-050, 209-209-051, 209-209-052, 209-209-053, 209-209-054, 209-209-055, 209-209-056, 209-209-057, 209-209-058, 209-209-059, 209-209-060, 209-209-061, 209-209-062, 209-209-063, 209-209-064, 209-209-065, 209-209-066, 209-209-067, 209-209-068, 209-209-069, 209-209-070, 209-209-071, 209-209-072, 209-209-073, 209-209-074, 209-209-075, 209-209-076, 209-209-077, 209-209-078, 209-209-079, 209-209-080, 209-209-081, 209-209-082, 209-209-083, 209-209-084, 209-209-085, 209-209-086, 209-209-087, 209-209-088, 209-209-089, 209-209-090, 209-209-091, 209-209-092, 209-209-093, 209-209-094, 209-209-095, 209-209-096, 209-209-097, 209-209-098, 209-209-099, 209-209-100
 - F-SHEETS - (K&S) 209-209-001, 209-209-002, 209-209-003, 209-209-004, 209-209-005, 209-209-006, 209-209-007, 209-209-008, 209-209-009, 209-209-010, 209-209-011, 209-209-012, 209-209-013, 209-209-014, 209-209-015, 209-209-016, 209-209-017, 209-209-018, 209-209-019, 209-209-020, 209-209-021, 209-209-022, 209-209-023, 209-209-024, 209-209-025, 209-209-026, 209-209-027, 209-209-028, 209-209-029, 209-209-030, 209-209-031, 209-209-032, 209-209-033, 209-209-034, 209-209-035, 209-209-036, 209-209-037, 209-209-038, 209-209-039, 209-209-040, 209-209-041, 209-209-042, 209-209-043, 209-209-044, 209-209-045, 209-209-046, 209-209-047, 209-209-048, 209-209-049, 209-209-050, 209-209-051, 209-209-052, 209-209-053, 209-209-054, 209-209-055, 209-209-056, 209-209-057, 209-209-058, 209-209-059, 209-209-060, 209-209-061, 209-209-062, 209-209-063, 209-209-064, 209-209-065, 209-209-066, 209-209-067, 209-209-068, 209-209-069, 209-209-070, 209-209-071, 209-209-072, 209-209-073, 209-209-074, 209-209-075, 209-209-076, 209-209-077, 209-209-078, 209-209-079, 209-209-080, 209-209-081, 209-209-082, 209-209-083, 209-209-084, 209-209-085, 209-209-086, 209-209-087, 209-209-088, 209-209-089, 209-209-090, 209-209-091, 209-209-092, 209-209-093, 209-209-094, 209-209-095, 209-209-096, 209-209-097, 209-209-098, 209-209-099, 209-209-100

- NOTES:**
- SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - FOR PIPE WELD END PREP SEE BECHTEL DWG. AX40001 APPENDIX D. (UNO)

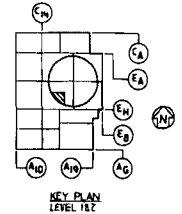
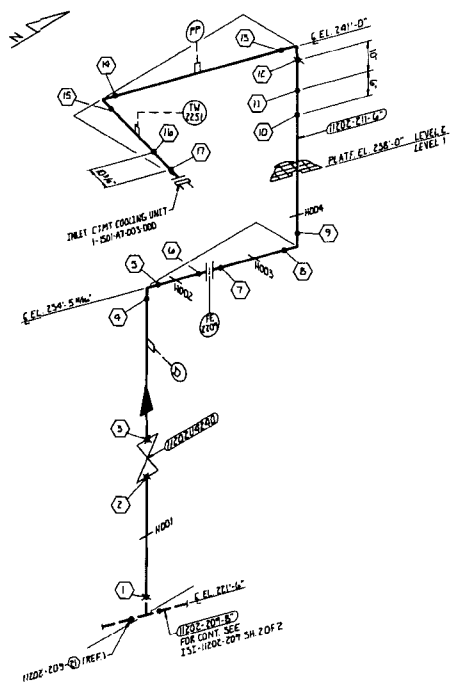
Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 1 - LINE NO 209	
INSERVICE INSPECTION ISOMETRIC	
NSCW-SYSTEM 1202	
DESIGNED BY	BSJ
CHECKED BY	MS
DATE	12-18-85
SCALE	NONE
SHEET NO.	2 OF 2
PROJECT NO.	151-1202-209
REV.	2



REVISION	DATE	DESCRIPTION
2	5-17-87	GENERAL REVISION TO UPDATE DRAWING FOR 151
1	12-3-85	CHANGED CAL. BLK. NO.
0	8-18-85	ISSUED FOR INSPECTION

SCALE: 1/8" = 1'-0"

LINE NUMBER	CLASS	PIPE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THICK.		
1102-211	C	212	LLB	1/2"	405	280	SA-312 TT-304L	200	280	145	95	N/A



- LEGEND:**
- 1. [Symbol] INDICATES FIELD WELD.
 - 2. [Symbol] INDICATES SHOP WELD.
 - 3. [Symbol] INDICATES INTEGRALLY WELDED SUPPORT ATTACHMENT.
 - 4. [Symbol] CONTAINMENT PENETRATION.
 - 5. [Symbol] BRANCH CONNECTION WELD.
 - 6. [Symbol] PIPE RESTRAINT.
 - 7. [Symbol] PIPE SUPPORT.
- REFERENCE DRAWINGS:**
- P&ID ———— 1102-211-01/16
 - P&ID LAYOUT ———— 1102-211-01/16
 - CIVIL/STRUCTURAL ———— 1102-211-01/16
 - HANGER DETAIL DWG. ———— 1102-211-01/16
 - 2-SHEETS ———— 1102-211-01/16

- NOTES:**
1. SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 2. FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX48001 APPENDIX D. (UNLQ)

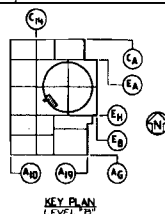
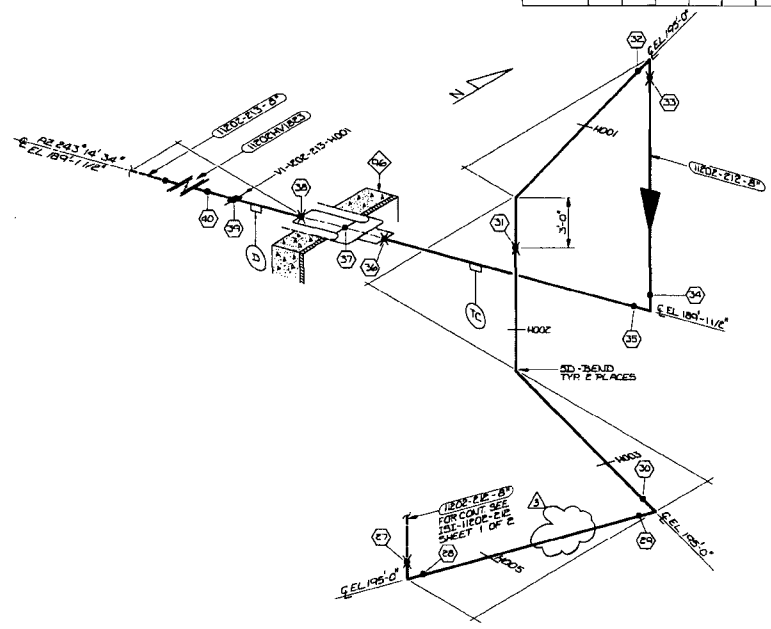
Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 1 - LINE NO 211	
INSERVICE INSPECTION ISOMETRIC	
NSCW - SYSTEM 1202	
DATE	BY
11/12/02	WJS

REVISION	DATE	DESCRIPTION	BY	CHECKED
1	11-18-02	ISSUED FOR INSPECTION	WJS	MB
2	11-18-02	CHANGED CAL. BLK. NO.	WJS	MB
3	11-18-02	GENERAL REVISION TO UPDATE DRAWING FOR ISI	WJS	MB

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
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212-2021-151

LINE NUMBER	CLASS	PIPE CLASS	LINE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THICK.	
1202-212	2	E1E	8"	40S	J2C	SA-312	73004	EGG	240	145	105	N/A



- LEGEND:**
- INDICATES FIELD WELD.
 - INDICATES SHOP WELD.
 - INDICATES INTERGRALLY WELDED SUPPORT ATTACHMENT.
 - CONTAINMENT PENETRATION.
 - BRANCH CONNECTION WELD.
 - PIPE RESTRAINT.
 - INDICATES PIPE SUPPORT.

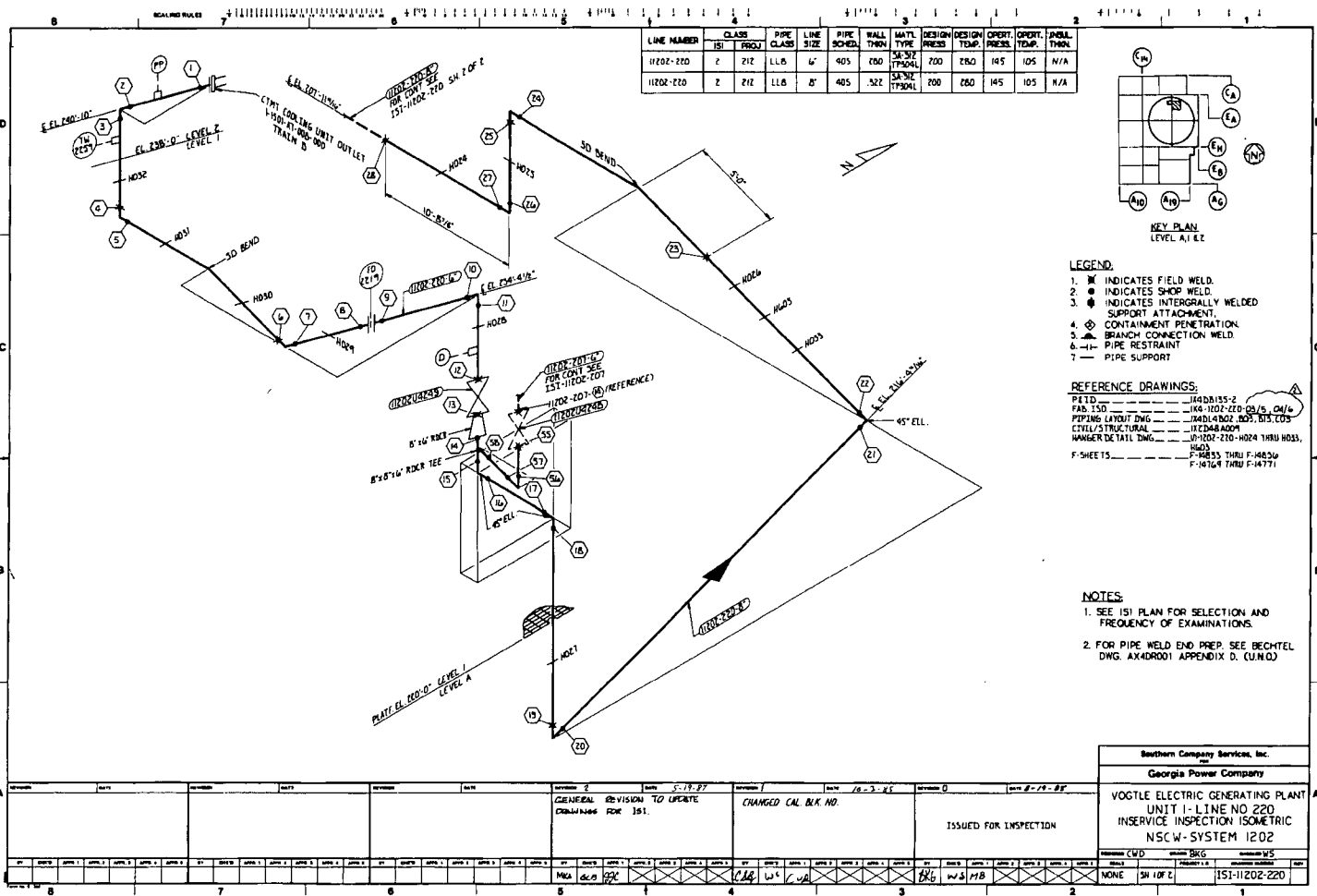
- REFERENCE DRAWINGS:**
- FIELD - 6420135-2
 - FAB. DWS - 1K7-1202-212-0111
 - 186-1202-212-0118
 - PIPING LAYOUT DWG. - 144DL3D03
 - 144DL4D06, 2D05
 - CIVIL / STRUCTURAL - 144D04R007
 - 144D04R006
 - HANGER DET. DWG. - 144D04R007
 - 144D04R006
 - THRU HOODS - 144D04R007
 - F-SHEETS - F-2961, 10070.

- NOTES:**
- SEE IS1 PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX4D001 APPENDIX D. (U.N.O.)

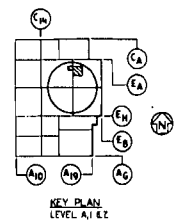
REV.	DATE	DESCRIPTION	BY	CHKD.
1	11-19-92	REMOVED HANGER H004 PER PCR 92-005	R.L.B.	G.L.B.
2	5-18-97	GENERAL REVISION TO UPDATE DRAWING FOR IS1	C.A.B.	W.S.
3	10-3-97	CHANGED CAL. B.L.K. NO.	C.A.B.	W.S.
4	2-19-98	ISSUED FOR INSPECTION	B.P.T.	W.S.

Southern Company Services, Inc.
 Georgia Power Company
 VOGTLE ELECTRIC GENERATING PLANT
 UNIT 1 - LINE NO. 212
 INSERVICE INSPECTION ISOMETRIC
 NSCW-SYSTEM 1202

CDW: W.S. / BST
 NONE / 2/98 / IS1-1202-212-3



LINE NUMBER	CLASS		PIPE SIZE	PIPE SCHED.	WALL THICK.	MATS. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THICK.
	ISI	PROJ.									
11202-220	2	212	LLB	6"	40S	CS	700	250	145	105	N/A
11202-220	2	212	LLB	8"	40S	CS	700	250	145	105	N/A



LEGEND:

1. [Symbol] INDICATES FIELD WELD.
2. [Symbol] INDICATES SHOP WELD.
3. [Symbol] INDICATES INTERGALLY WELDED SUPPORT ATTACHMENT.
4. [Symbol] CONTAINMENT PENETRATION.
5. [Symbol] BRANCH CONNECTION WELD.
6. [Symbol] PIPE RESTRAINT.
7. [Symbol] PIPE SUPPORT.

REFERENCE DRAWINGS:

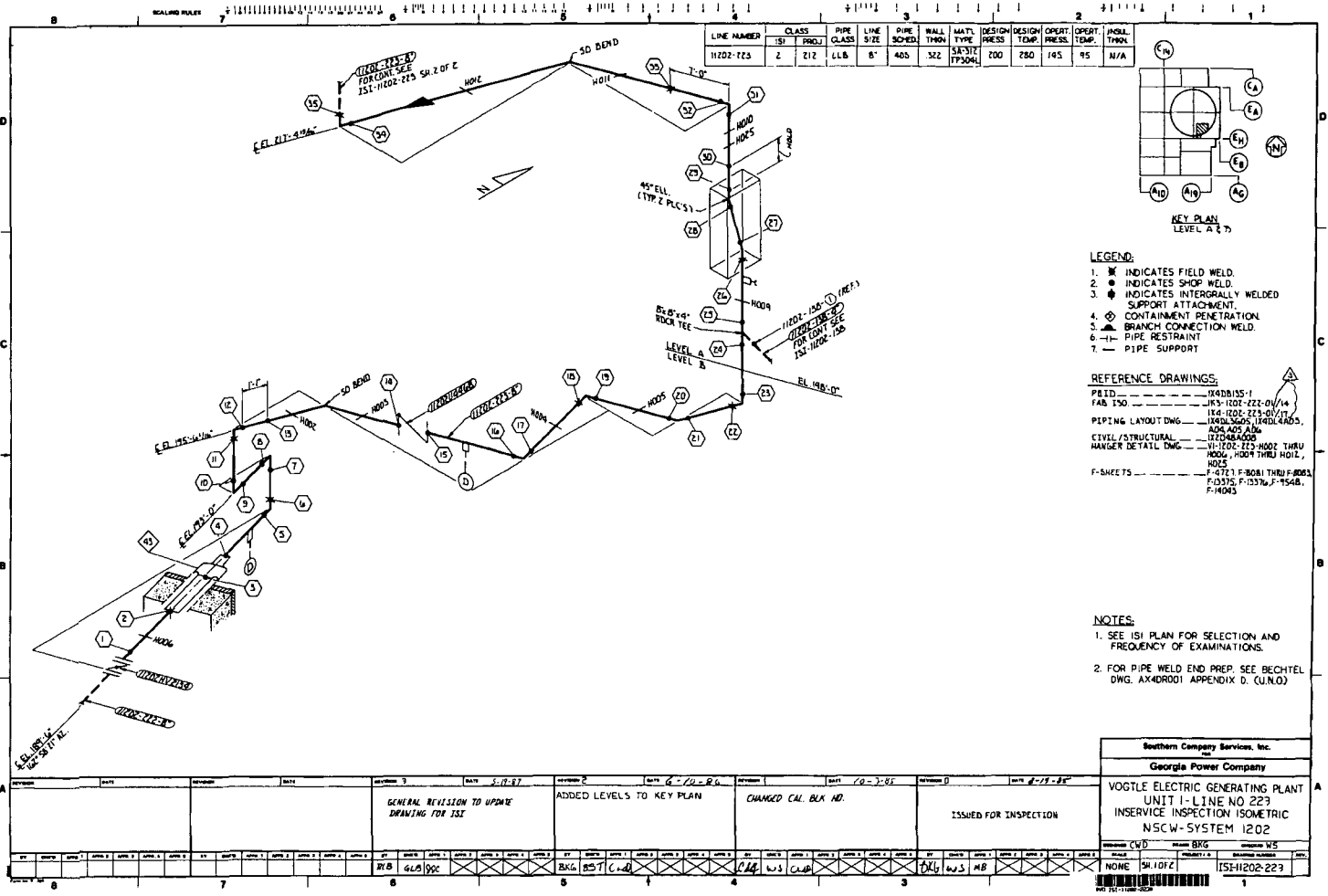
- FIELD ----- 114DB155-2
- FAB. ISS ----- 114-101-220-2215, C4/A
- PIPING LAYOUT DWG ----- 114DL4202, 2025, 203, 203, C05
- CIVIL/STRUCTURAL ----- 112D48 AD01
- HANGER DETAIL DWG ----- 110102-220-1024 118U H013, H013
- F-SHEETS ----- H013 F-4633 THRU F-4636 F-16124 THRU F-16127

NOTES:

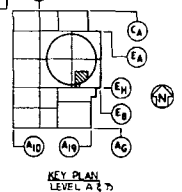
1. SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
2. FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX4DR01 APPENDIX D. (U.N.O.)

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 1 - LINE NO. 220	
INSERVICE INSPECTION ISOMETRIC	
NSCW-SYSTEM 1202	
DESIGNED BY	WJ/MB
CHECKED BY	WJ/MB
DATE	11-11-2002

NO.	DATE	DESCRIPTION	BY	CHECKED
1	5-19-97	GENERAL REVISION TO UPDATE DRAWINGS FROM ISI.	WJ	MB
2	7-3-95	CHANGED CAL. B.K. NO.	WJ	MB
3	8-15-88	ISSUED FOR INSPECTION	WJ	MB



LINE NUMBER	CLASS		PIPE CLASS	LINE SIZE	PIPE SCHED	PIPE THICK	WALL TYPE	MATERIAL	DESIGN PRESS	DESIGN TEMP	OPER. PRESS	OPER. TEMP	INSUL. THICK
	ISI	PRELU											
11202-223	2	212	LLB	8"	40S	322	SA-312 TP304L	200	280	145	95	N/A	



- LEGEND:**
- 1. [Symbol] INDICATES FIELD WELD.
 - 2. [Symbol] INDICATES SHOP WELD.
 - 3. [Symbol] INDICATES INTERGRALLY WELDED SUPPORT ATTACHMENT.
 - 4. [Symbol] CONTAINMENT PENETRATION.
 - 5. [Symbol] BRANCH CONNECTION WELD.
 - 6. [Symbol] PIPE RESTRAINT.
 - 7. [Symbol] PIPE SUPPORT.

- REFERENCE DRAWINGS:**
- PRELID. ----- IS-1102-223-01/14
 - FAB ISO ----- IS-1102-223-01/14
 - PIPING LAYOUT DWG. ----- IS-1102-223-01/14
 - CIVIL/STRUCTURAL ----- IS-1102-223-01/14
 - HANGER DETAIL DWG. ----- IS-1102-223-01/14
 - F-SHEETS ----- F-1721 F-8081 THRU F-8083, F-13376, F-15448, F-16043

- NOTES:**
- 1. SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - 2. FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX48001 APPENDIX D. (U.N.O.)

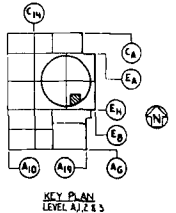
REVISION	DATE	DESCRIPTION
1	5-17-87	GENERAL REVISION TO UPDATE DRAWING FOR ISI
2	6-10-87	ADDED LEVELS TO KEY PLAN
3	7-2-87	CHANGED CAL. BLK. NO.
4	8-11-87	ISSUED FOR INSPECTION

Southern Company Services, Inc.
Georgia Power Company

VOGTLE ELECTRIC GENERATING PLANT
UNIT 1 - LINE NO 223
INSERVICE INSPECTION ISOMETRIC
NSCW-SYSTEM 1202

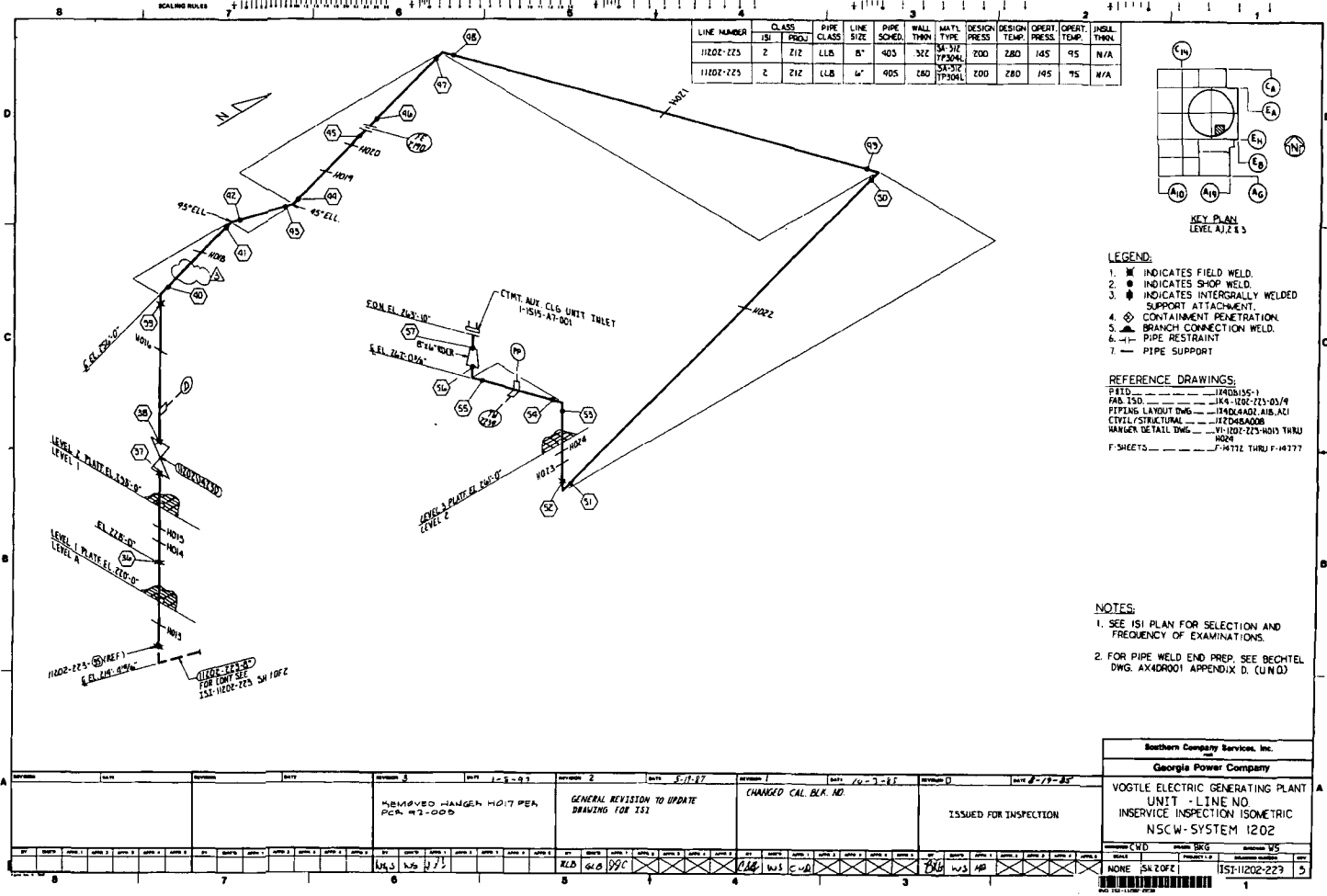
DESIGNED BY: BKG
CHECKED BY: WJS
DATE: 8/10/87
PROJECT NO: 11202-223

LINE NUMBER	CLASS	PIPE CLASS	PIPE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THICK.
11202-223	2	Z1Z	LLB 8"	403	3/2	SA 312 TP304L	200	Z80	145	95	N/A
11202-223	2	Z1Z	LLB 6"	405	280	SA 312 TP304L	200	Z80	145	95	N/A



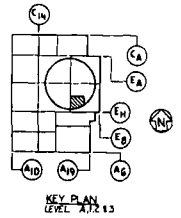
- LEGEND:**
- INDICATES FIELD WELD.
 - INDICATES SHOP WELD.
 - INDICATES INTERGRALLY WELDED SUPPORT ATTACHMENT.
 - CONTAINMENT PENETRATION.
 - BRANCH CONNECTION WELD.
 - PIPE RESTRAINT.
 - PIPE SUPPORT.
- REFERENCE DRAWINGS:**
- FIELD --- 11202-223-1
 FAB. ISD --- 11202-223-05/9
 PIPING LAYOUT DWG --- 11202-223-05/9
 CIVIL/STRUCTURAL --- 11202-223-05/9
 HANGER DETAIL DWG --- 11202-223-05/9 THRU HO18
 F-SHEETS --- F-14712 THRU F-14777

- NOTES:**
- SEE IS1 PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX48001 APPENDIX D. (U.N.D.)



Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT UNIT - LINE NO. INSERVICE INSPECTION ISOMETRIC NSCW-SYSTEM 1202	
CHD	BKG
DATE: 11/27/81	ISSUED FOR INSPECTION
11202-223	5

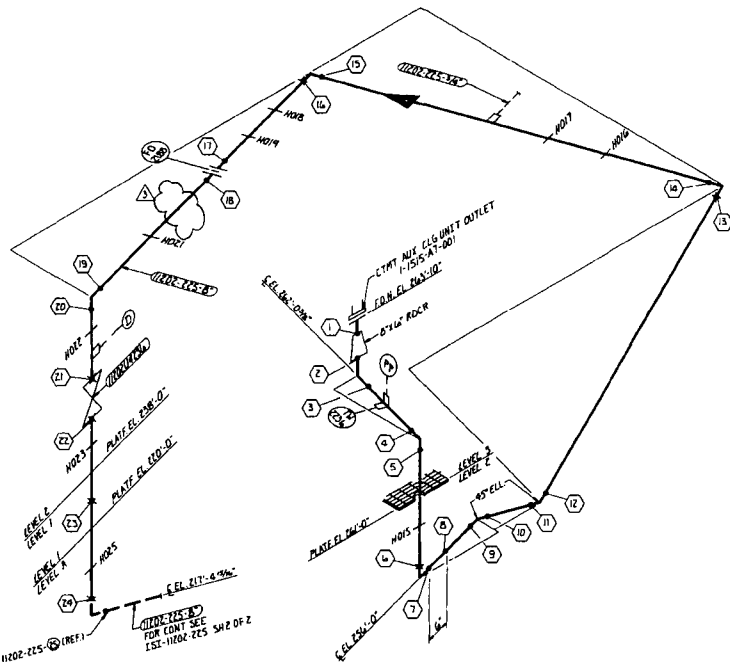
LINE NUMBER	CLASS	PIPE CLASS	LINE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INHA. THRO.
11202-225	Z	212	LLB	6"	40S	SA-312 TP304L	200	750	145	105	N/A
11202-225	Z	212	LLB	6"	40S	SA-312 TP304L	200	750	145	105	N/A



- LEGEND:**
- INDICATES FIELD WELD.
 - INDICATES SHOP WELD.
 - INDICATES INTEGRALLY WELDED SUPPORT ATTACHMENT.
 - CONTAINMENT PENETRATION.
 - BRANCH CONNECTION WELD.
 - PIPE RESTRAINT.
 - PIPE SUPPORT.

- REFERENCE DRAWINGS:**
- P&ID - 11202-225-1
 - FAB. ISD - 11202-225-03/10
 - PIPING LAYOUT DWG - 11202-225-005 A18 A21
 - CIVIL/STRUCTURAL - 11202-225-005 HANGERS
 - HANGER DETAIL DWG - 11202-225-005 H18 H19 H20 H21 H22 H23 H24 H25 H26 H27 H28 H29 H30 H31 H32 H33 H34 H35 H36 H37 H38 H39 H40 H41 H42 H43 H44 H45 H46 H47 H48 H49 H50 H51 H52 H53 H54 H55 H56 H57 H58 H59 H60 H61 H62 H63 H64 H65 H66 H67 H68 H69 H70 H71 H72 H73 H74 H75 H76 H77 H78 H79 H80 H81 H82 H83 H84 H85 H86 H87 H88 H89 H90 H91 H92 H93 H94 H95 H96 H97 H98 H99 H100
 - F-SHEETS - F-2175 THRU F-14784

- NOTES:**
- SEE IS1 PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX48001 APPENDIX D. (U.N.D.)



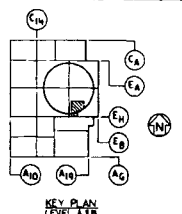
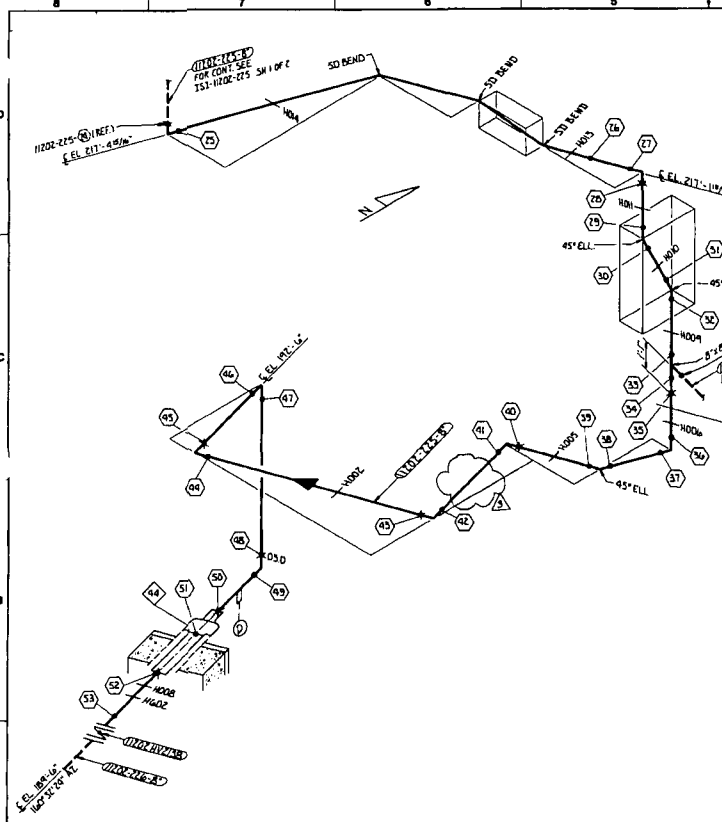
NO.	DATE	DESCRIPTION	BY	CHECKED	APPROVED
1	11-19-92	REMOVED HANGER HOTO PER PCR 92-005	CLY	CLY	CLY
2	5-13-97	GENERAL REVISION TO UPDATE DRAWING FOR IS1	RIB	GLB	DDC
3	10-2-95	CHANGED CAL. BLK. NO.	CLY	CLY	CLY
4	8-11-85	ISSUED FOR INSPECTION	CLY	CLY	CLY

Southern Company Services, Inc.
Georgia Power Company

VOGTLE ELECTRIC GENERATING PLANT
 UNIT 1 - LINE NO. 225
 INSERVICE INSPECTION ISOMETRIC
 NSCW-SYSTEM 1202

DRAWN BY: CLY
 CHECKED BY: CLY
 APPROVED BY: CLY
 DATE: 11/19/92
 SHEET NO. 1 OF 2
 PROJECT NO. 11202-225

LINE NUMBER	CLASS	PIPE PROJ	PIPE CLASS	LINE SIZE	PIPE SCHED	WALL THICK	MATL TYPE	DESIGN PRESS	DESIGN TEMP	OPER PRESS	OPER TEMP	INSUL THICK
11202-225	Z	Z1Z	LLB	8"	40S	.527	SA-312 TP304L	200	280	145	105	N/A



- LEGEND:**
- 1. [Symbol] INDICATES FIELD WELD.
 - 2. [Symbol] INDICATES SHOP WELD.
 - 3. [Symbol] INDICATES INTERGRALLY WELDED SUPPORT ATTACHMENT.
 - 4. [Symbol] CONTAINMENT PENETRATION.
 - 5. [Symbol] BRANCH CONNECTION WELD.
 - 6. [Symbol] PIPE RESTRAINT.
 - 7. [Symbol] PIPE SUPPORT.

- REFERENCE DRAWINGS:**
- P&ID --- 11400355-1
 - FAB ISO --- 164-102-225-01/7
 - PIPING LAYOUT DWG --- 11401505, 11401940S, A04, A05, A06
 - CIVIL/STRUCTURAL --- 11205A00B
 - HANGER DETAIL DWG --- 112-102-225-1002 THRU 11004, 11008 THRU 11011, 11013, 11014, 1102
 - F-SHEETS --- F-4728, F-4734 THRU F-4743, F-4744, F-14044, F-14045

- NOTES:**
- 1. SEE 151 PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - 2. FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX40001 APPENDIX D. (U.N.C.)

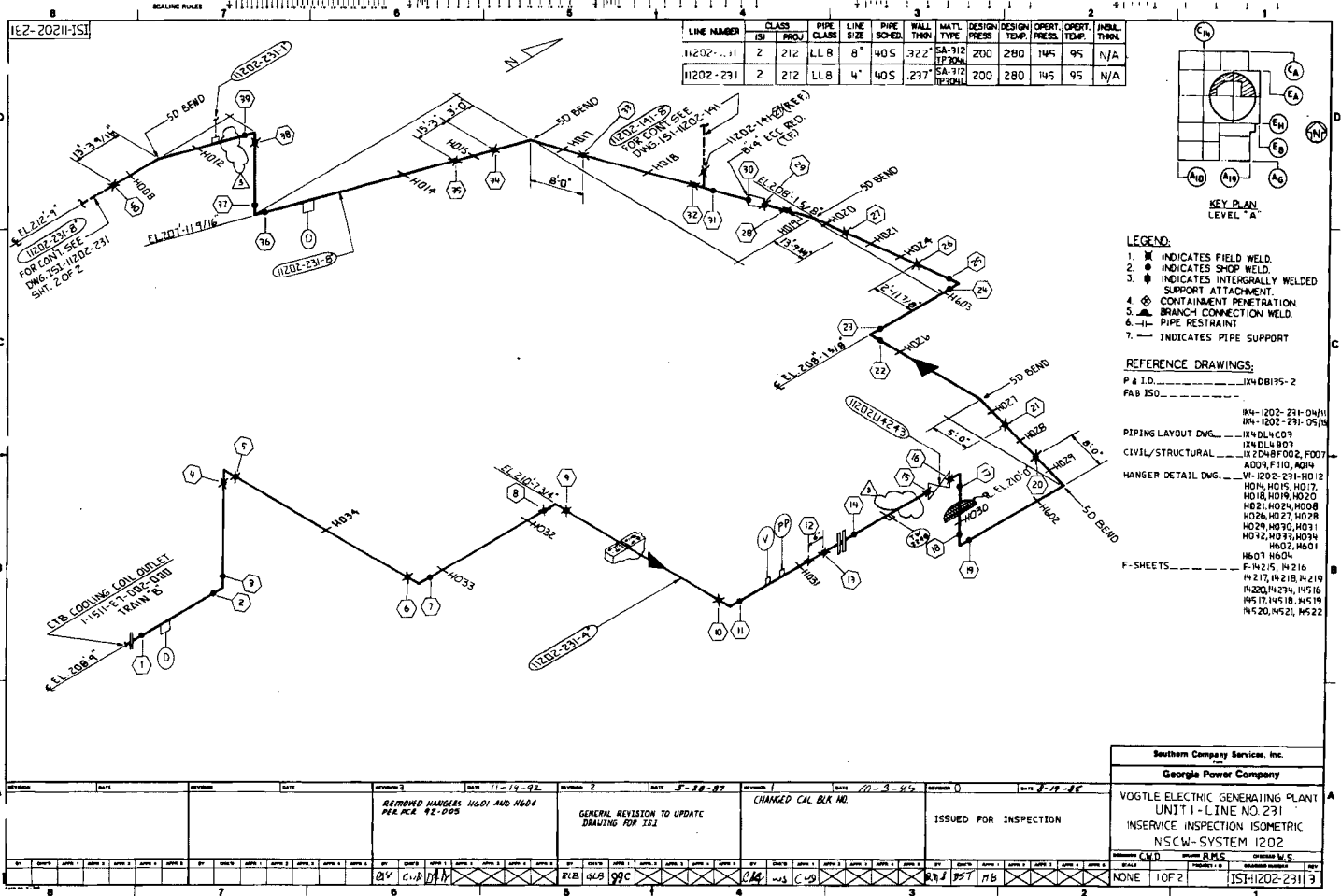
REVISION	DATE	DESCRIPTION
REVISION 3	DATE 11-12-92	REMOVED HANGERS 1A05 AND 1A06 PER P&ID 164-005
REVISION 2	DATE 5-18-87	GENERAL REVISION TO UPDATE DRAWING FOR IS1
REVISION 1	DATE 10-1-85	CHANGED CAL. BLK. NO
REVISION 0	DATE 2-12-84	ISSUED FOR INSPECTION

Southern Company Services, Inc.
 Georgia Power Company

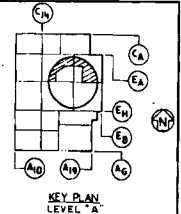
VOGTLE ELECTRIC GENERATING PLANT
 UNIT 1- LINE NO 225
 INSERVICE INSPECTION ISOMETRIC
 NSCW-SYSTEM 1202

DESIGNED BY: BKG
 CHECKED BY: W.S. M.S.
 DRAWN BY: W.S. M.S.
 DATE: 11-12-92

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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LINE NUMBER	CLASS	PIPE CLASS	LINE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPERT. PRESS.	OPERT. TEMP.	INSUL. THICK.
11202-231	2	212	LLR	8"	40S	322	200	280	145	95	N/A
11202-231	2	212	LLB	4"	40S	.237	200	280	145	95	N/A

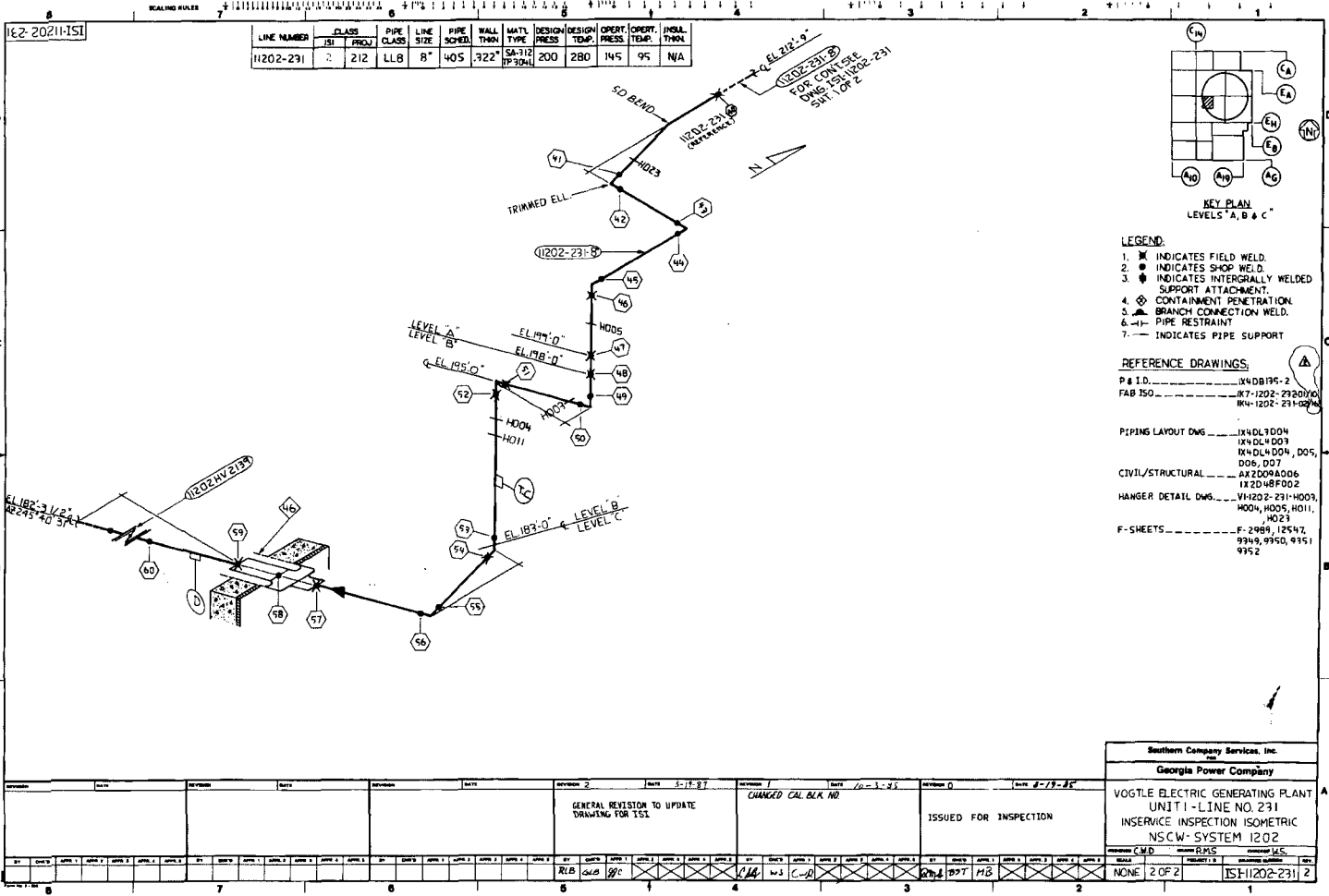


- LEGEND:**
- 1. [Symbol] INDICATES FIELD WELD.
 - 2. [Symbol] INDICATES SHOP WELD.
 - 3. [Symbol] INDICATES INTERGALLY WELDED SUPPORT ATTACHMENT.
 - 4. [Symbol] CONTAINMENT PENETRATION.
 - 5. [Symbol] BRANCH CONNECTION WELD.
 - 6. [Symbol] PIPE RESTRAINT.
 - 7. [Symbol] INDICATES PIPE SUPPORT.

- REFERENCE DRAWINGS:**
- P & I D. ----- IANDBI95-2
 FAB ISO. -----
- IP4-1202-231-04/11
 IP4-1202-231-05/11
 IP4DL403
 IP4DL403
 CIVIL/STRUCTURAL ----- IANDBF002, F007
 ADDS F10, A04
 IP4DL403
 HANGER DETAIL DWG. ----- IANDBI002, HD 12
 HD 14, HD 15, HD 17,
 HD 18, HD 19, HD 20
 HD 22, HD 24, HD 26
 HD 26, HD 27, HD 28
 HD 29, HD 30, HD 31
 HD 32, HD 33, HD 34
 HD 35, HD 36
 HD 37, HD 38
 F-1425, I4216,
 I4217, I4218, I4219
 I4220, I4234, I4516
 I4517, I4518, I4519
 I4520, I4521, I4522

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT UNIT 1 - LINE NO. 231 INSERVICE INSPECTION ISOMETRIC NSCW-SYSTEM 1202	
CD	RKS
1	1
NONE	1 OF 2
	15-11202-231 3

REVISION	DATE	DESCRIPTION
1	11-19-92	REMOVED HANGERS H601 AND H604 PER MCR 92-005
2	5-28-97	GENERAL REVISION TO UPDATE DRAWING FOR 352
3	7-3-97	CHANGED CAL. BLK NO.
4	8-18-98	ISSUED FOR INSPECTION



LINE NUMBER	CLASS	PIPE CLASS	LINE SIZE	PIPE SCHED	WALL THICK	MATL TYPE	DESIGN PRESS	DESIGN TEMP	OPERT PRESS	OPERT TEMP	INSUL THICK
1202-231	2	212	LL8	8"	40S	SA-312 TP304L	200	280	145	95	N/A

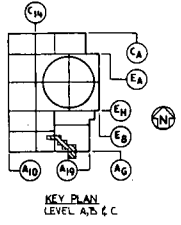
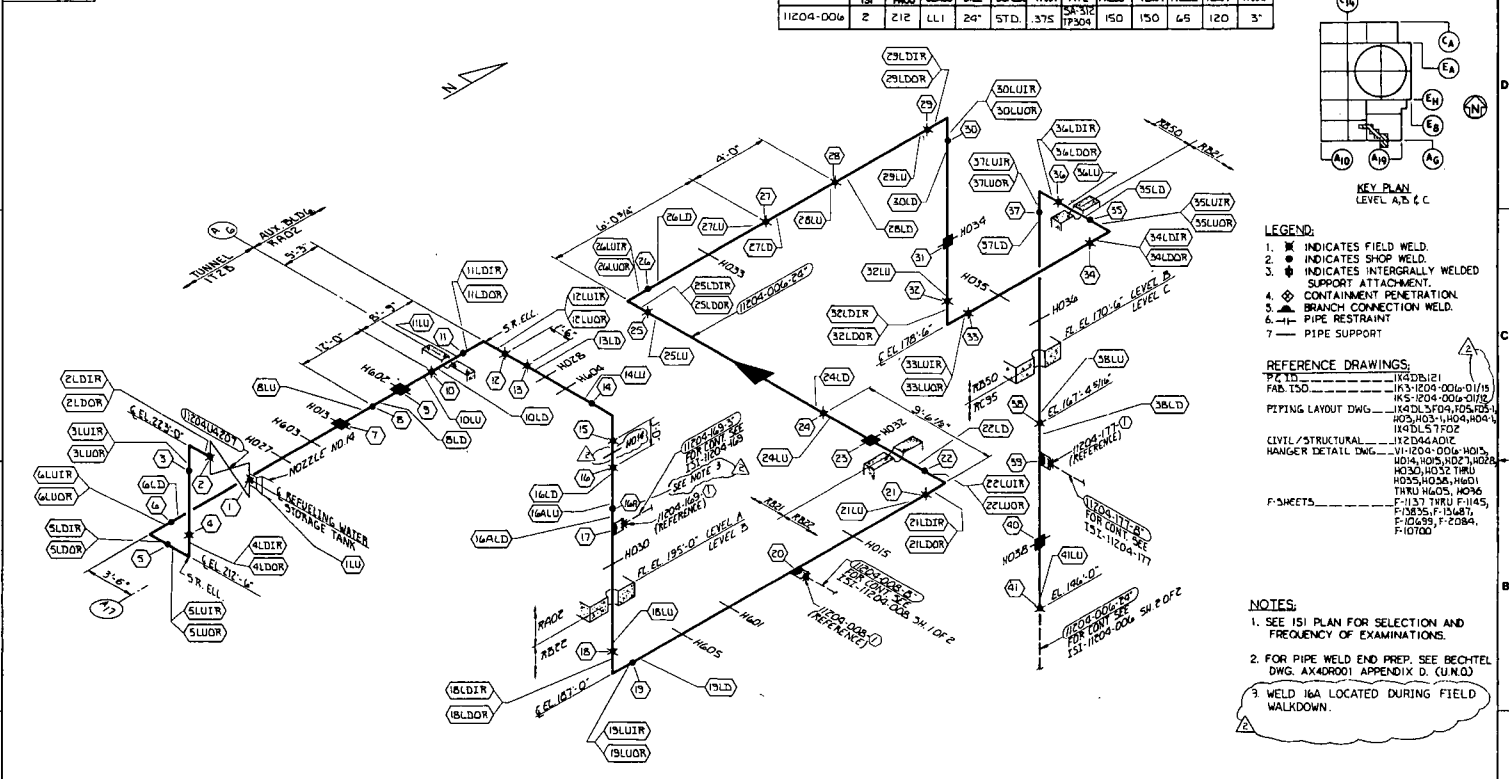
- KEY PLAN**
LEVELS 'A, B & C'
- LEGEND:**
- INDICATES FIELD WELD.
 - INDICATES SHOP WELD.
 - INDICATES INTERIALLY WELDED SUPPORT ATTACHMENT.
 - CONTAINMENT PENETRATION.
 - BRANCH CONNECTION WELD.
 - PIPE RESTRAINT.
 - INDICATES PIPE SUPPORT.

- REFERENCE DRAWINGS:**
- P & I.D. ----- 14DB195-2
 - FAB ISO ----- K7-1202-231000
 - M4-1202-231000
 - PIPING LAYOUT DWG ----- 14DL1004
 - 14DL1009
 - 14DL4004, D05,
 - D06, D07
 - CIVIL/STRUCTURAL ----- AX2004006
 - 14SD48F002
 - HANGER DETAIL DWG ----- V1202-231-H003,
 - H004, H005, H011,
 - H023
 - F-SHEETS ----- F-2989, 12547,
 - 9949, 9950, 9951
 - 9952

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 1 - LINE NO. 231	
INSERVICE INSPECTION ISOMETRIC	
NSCW - SYSTEM 1202	
DESIGNED BY	RMIS
CHECKED BY	RMIS
DATE	15F-1202-231 2

NO.	DATE	DESCRIPTION	BY	CHECKED
1	5-19-87	GENERAL REVISION TO UPDATE DRAWING FOR ISI	RLB	RLB

LINE NUMBER	CLASS	PIPE CLASS	PIPE SIZE	PIPE SCHED.	WALL THIN.	MATL TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSTR. THIN.
11204-006	2	Z12	LL1	24"	STD.	SA-312 TP304	150	150	6.5	120	3"



- LEGEND:**
- INDICATES FIELD WELD.
 - INDICATES SHOP WELD.
 - INDICATES INTERGRALLY WELDED SUPPORT ATTACHMENT.
 - CONTAINMENT PENETRATION.
 - BRANCH CONNECTION WELD.
 - PIPE RESTRAINT.
 - PIPE SUPPORT.

- REFERENCE DRAWINGS:**
- 11204-006 (11204-006)
 - FAB. ISD (11204-006-01/15)
 - PIPING LAYOUT DWG. (11204-006-01/15)
 - CIVIL/STRUCTURAL (11204-006-01/15)
 - HANGER DETAIL DWG. (11204-006-01/15)
 - F-SHEETS (11204-006-01/15)

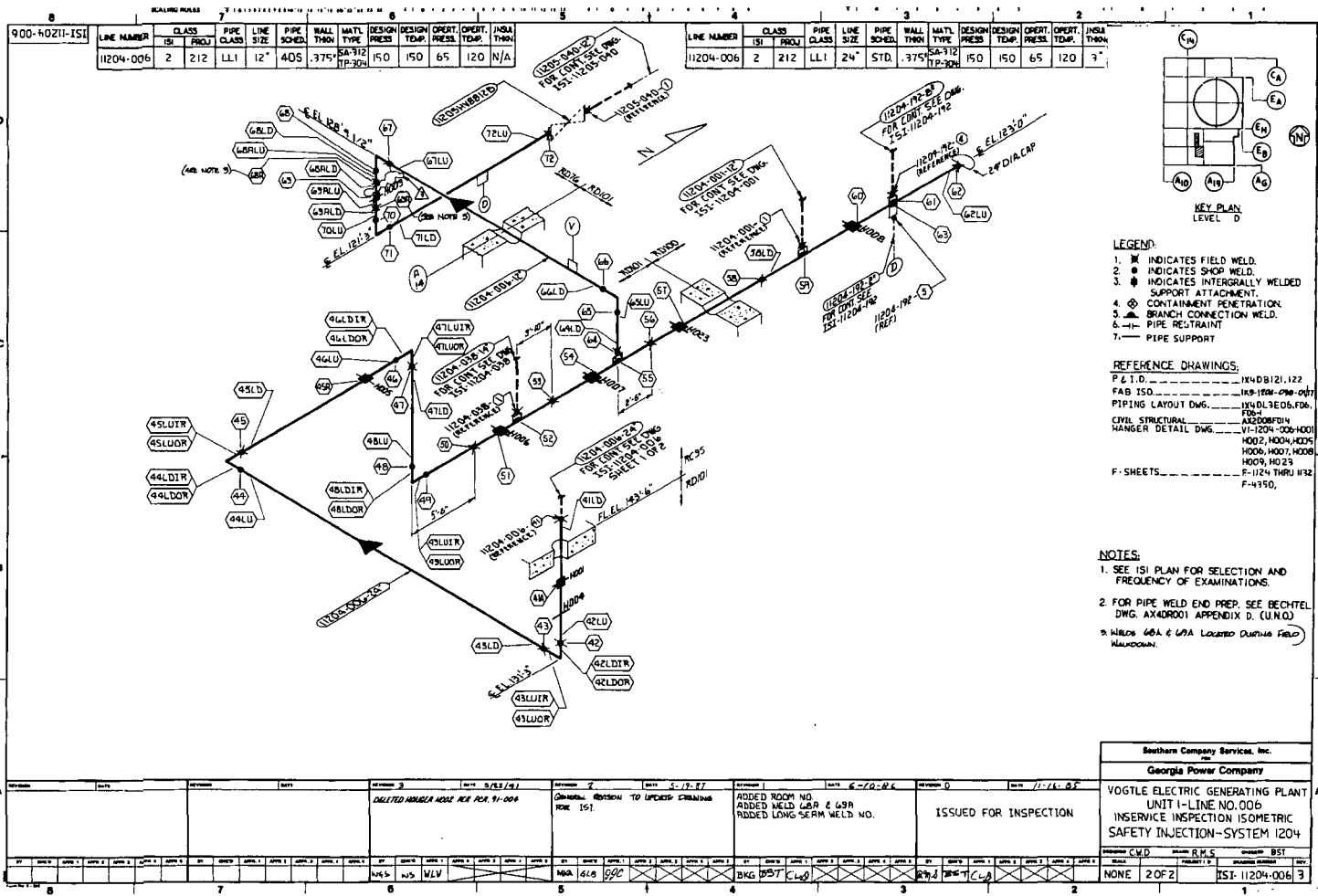
- NOTES:**
- SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX40001 APPENDIX D. (U.N.D.)
 - WELD 16A LOCATED DURING FIELD WALKDOWN.

REVISION	DATE	DESCRIPTION	BY	CHKD	APP'D
1	5-17-87	GENERAL REVISION TO UPDATE DRAWING FOR ISI	RJD	GAS	DDA
2	6-14-86	ADDED WALLS & ROOM NO. ADDED LONG SEAM WELD NO. ADDED WELD 16A DIM. 12'-0" WRG HOLD	RKG	BS7	CLD
3	11-14-85	ISSUED FOR INSPECTION	BKG	WS	CLD

Southern Company Services, Inc.
Georgia Power Company

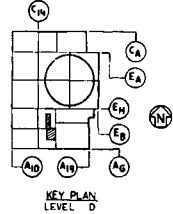
**VOGTLE ELECTRIC GENERATING PLANT
 UNIT 1-LINE NO. 006
 INSERVICE INSPECTION ISOMETRIC
 SAFETY INJECTION-SYSTEM 1204**

REVISIONS: CWD, BKG, CHAMBERS, BSY
 SHEET: NONE, 1 OF 2, 151-11204-006, 2



LINE NUMBER	CLASS	PIPE SIZE	PIPE SCHED.	WALL THIN	MATL TYPE	DESIGN PRESS	DESIGN TEMP	OPER. PRESS	OPER. TEMP	INHA THIN	
1204-006	2	212	LL1	12"	40S	.375	150	150	65	120	N/A

LINE NUMBER	CLASS	PIPE SIZE	PIPE SCHED.	WALL THIN	MATL TYPE	DESIGN PRESS	DESIGN TEMP	OPER. PRESS	OPER. TEMP	INHA THIN	
1204-006	2	212	LL1	24"	STD.	.375	150	150	65	120	3"



- LEGEND:**
- ✱ INDICATES FIELD WELD.
 - INDICATES SHOP WELD.
 - ⊕ INDICATES INTERGALLY WELDED SUPPORT ATTACHMENT.
 - ⊗ CONTAINMENT PENETRATION.
 - ⊕ BRANCH CONNECTION WELD.
 - ⊖ PIPE RESTRAINT.
 - PIPE SUPPORT.

- REFERENCE DRAWINGS:**
- P & I D. --- 124DB121.122
 - FAB ISO. --- 124-006-001
 - PIPING LAYOUT DWG. --- 124-006-001
 - CIVIL STRUCTURAL HANGER DETAIL DWG. --- 124-006-001
 - F. SHEETS --- 124 THRU 132

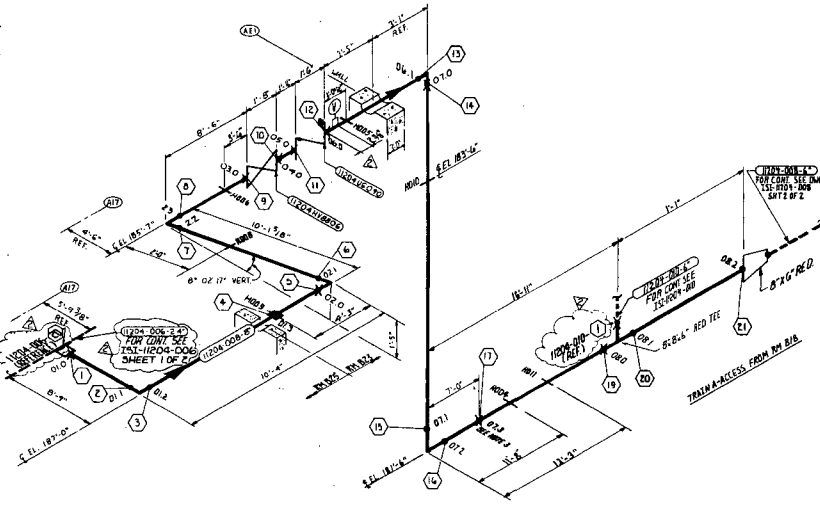
- NOTES:**
- SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX40001 APPENDIX D. (U.N.Q)
 - WELDS 68A & 68B LOCATED OUTSIDE FIELD HANDDOWN.

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 1—LINE NO. 006	
INSERVICE INSPECTION ISOMETRIC	
SAFETY INJECTION—SYSTEM 1204	
ISSUED BY	REVISION
CWJ	BST
NONE	2 OF 2
124-006-001	3

NO.	DATE	BY	DESCRIPTION
1	11-14-87	DF	ISSUED FOR INSPECTION
2	6-10-86	JK	ADDED ROOM NO. ADDED WELD 68A & 68B ADDED LONG-SEAM WELD NO.
3	3-13-84	JK	QUALIFIED WELDER ADD PER PCA 91-004
4	5-19-87	JK	GENERAL REVISION TO UPDATE EXAMINATIONS FOR ISI

EQUIPMENT OR WELD IDENTIFICATION NO.	WELD OR EQUIP. DESCRIP.	PART EXAMINED	EXAM. REQUIREMENT FIG.	EXAMINATION METHOD AND ITEM NO.	LINE NUMBER	CLASS	PIPE PROJ.	PIPE CLASS.	PIPE LINE SIZE (SCH.)	PIPE WALL THK.	MATE. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THK.
11204HV0804	CONT. VLV.	PRESSURE			11204-008	2	212	1.1	8"	40.5	SA 312 304L	220	250	65	120	N/A

EQUIPMENT OR WELD IDENTIFICATION NO.	WELD OR EQUIP. DESCRIP.	PART EXAMINED	EXAM. REQUIREMENT FIG.	EXAMINATION METHOD AND ITEM NO.
11204-008-001	CONT. VLV.	PRESSURE		
11204-008-002	CONT. VLV.	PRESSURE		
11204-008-003	CONT. VLV.	PRESSURE		
11204-008-004	CONT. VLV.	PRESSURE		
11204-008-005	CONT. VLV.	PRESSURE		
11204-008-006	CONT. VLV.	PRESSURE		
11204-008-007	CONT. VLV.	PRESSURE		
11204-008-008	CONT. VLV.	PRESSURE		
11204-008-009	CONT. VLV.	PRESSURE		
11204-008-010	CONT. VLV.	PRESSURE		
11204-008-011	CONT. VLV.	PRESSURE		
11204-008-012	CONT. VLV.	PRESSURE		
11204-008-013	CONT. VLV.	PRESSURE		
11204-008-014	CONT. VLV.	PRESSURE		
11204-008-015	CONT. VLV.	PRESSURE		
11204-008-016	CONT. VLV.	PRESSURE		
11204-008-017	CONT. VLV.	PRESSURE		
11204-008-018	CONT. VLV.	PRESSURE		
11204-008-019	CONT. VLV.	PRESSURE		
11204-008-020	CONT. VLV.	PRESSURE		

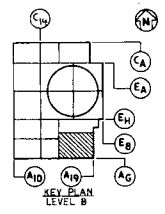


LEGEND:
 1. X INDICATES FIELD WELD.
 2. * INDICATES INTEGRALLY WELDED SUPPORT ATTACHMENT.
 3. • INDICATES SHOP WELD.
 4. — PIPE SUPPORT

REFERENCE DRAWINGS:
 P & ID — IXND0821
 FAB ISO. — IX13-1204-008-01 & 02

PIPING LAYOUT DWG. — IXND1304.3404-1
CIVIL / STRUCTURAL — AX22080405
HANGER DETAIL DWGS. — V11204-008-HOOD-HOOD
HOOD, HOOD, HOOD, HOOD
HO11
CIVIL / STRUCTURAL — AX22080405
F-SHEETS — F-4918 TARIU F-4761
IS1 CLASSIFICATION DWG. IS1-D-046

NOTES:
 1. SEE IS1 PLAN FOR SELECTION AND FREQUENCY OF EXAMINATION
 2. FOR PIPE WELD END PREP SEE BECTEL DWG AXND000 APPENDIX D (UNO.3)
 3. FIELD WELD NO. 028 IS NUMBERED 008-4-028 ON REFERENCE FAB ISO.



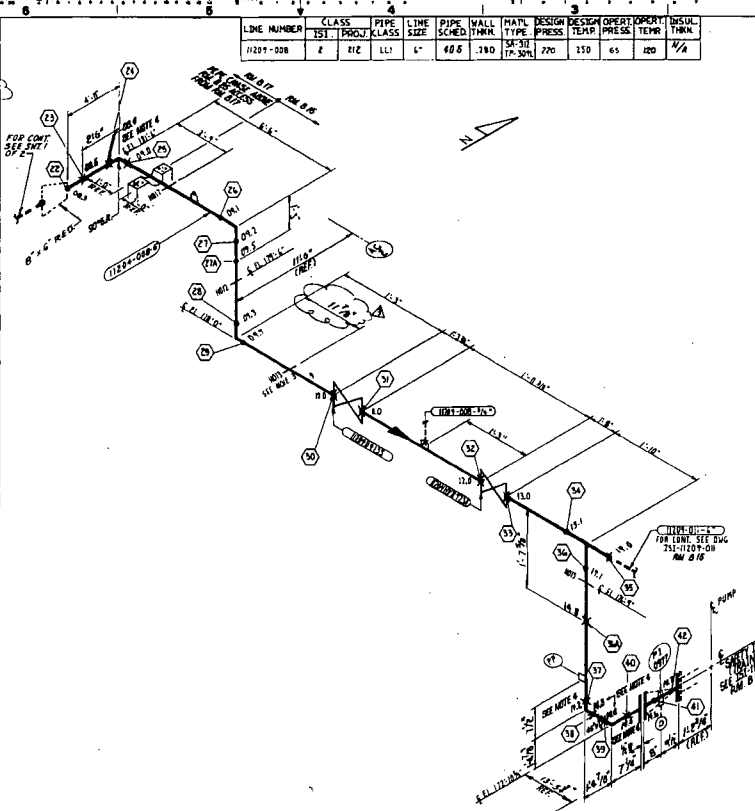
REVISION	DATE	REVISION	DATE	REVISION	DATE	REVISION	DATE
REVISION 2	11-13-85	REVISION 1	3-30-85	REVISION 0	10-28-84		
		ADDED NEW WELD NO'S		ISSUED FOR INSPECTION			
		REVISED LEGEND REFERENCES & NOTES					
		ADDED ROOM NUMBERS					
		REVISED HANGER HOOD # HO10					
		REVISED DIMENSIONS					
		REVISED WELD 014 & CONTINUATION DWG					
		ADDED ITEM NUMBER					

Southern Company Services, Inc.
Georgia Power Company

VOGTLE ELECTRIC GENERATING PLANT
 UNIT 1 - LINE NO. 008
 INSERVICE INSPECTION ISOMETRIC
 SAFETY INJECTION-SYSTEM 1204

DATE: 11-13-85
 DRAWN BY: T.M.W.
 CHECKED BY: W.S. CARR
 PROJECT NO.: 151-1204-008
 SHEET NO.: 2

EQUIPMENT OR WELD IDENTIFICATION NO.	WELD OR EQUIP. DESCRIP.	PART CHANGES (SEE NOTES)	EXAM. METHOD FIG.	EXAMINATION METHOD AND ITEM NO.				LINE NUMBER	CLASS	PIPE LINE	PIPE WALL THICKNESS	MATERIAL TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THICK.
				VOL.	SURF.	VT1	VT2										
11204-008-001	SA-312																
11204-008-002	SA-312																
11204-008-003	SA-312																
11204-008-004	SA-312																
11204-008-005	SA-312																
11204-008-006	SA-312																
11204-008-007	SA-312																
11204-008-008	SA-312																
11204-008-009	SA-312																
11204-008-010	SA-312																
11204-008-011	SA-312																
11204-008-012	SA-312																
11204-008-013	SA-312																
11204-008-014	SA-312																
11204-008-015	SA-312																
11204-008-016	SA-312																
11204-008-017	SA-312																
11204-008-018	SA-312																
11204-008-019	SA-312																
11204-008-020	SA-312																
11204-008-021	SA-312																
11204-008-022	SA-312																
11204-008-023	SA-312																
11204-008-024	SA-312																
11204-008-025	SA-312																
11204-008-026	SA-312																
11204-008-027	SA-312																
11204-008-028	SA-312																
11204-008-029	SA-312																
11204-008-030	SA-312																
11204-008-031	SA-312																
11204-008-032	SA-312																
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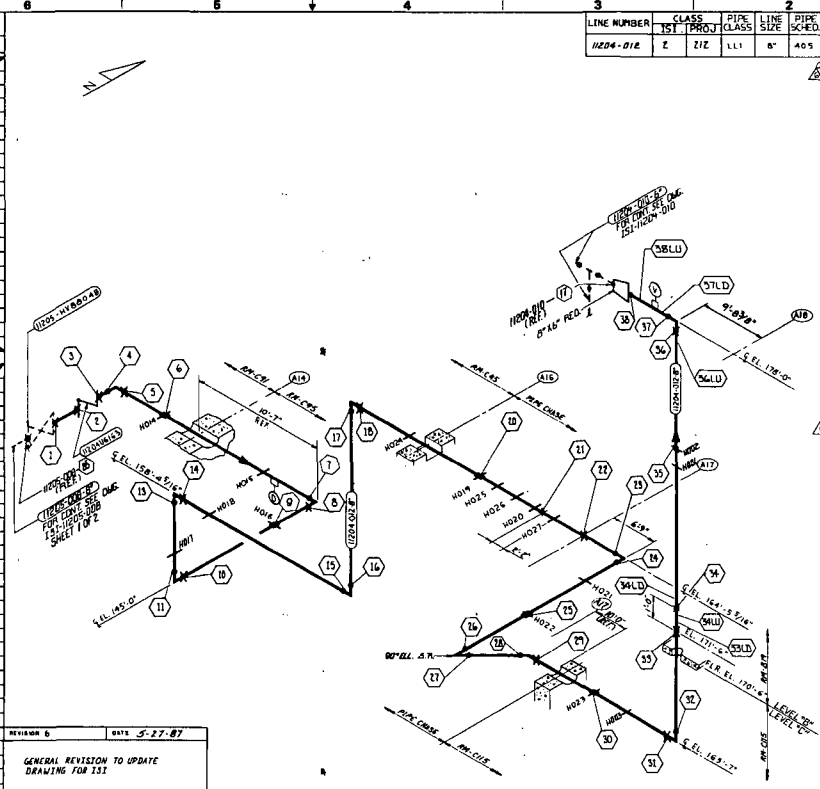


KEY PLAN LEVEL B

LEGEND:
 1. N INDICATES FIELD WELD.
 2. W INDICATES INTEGRALLY WELDED SUPPORT ATTACHMENT.
 3. S INDICATES SHOP WELD.
 4. - INDICATES PIPE SUPPORT.

REFERENCE DRAWINGS:
 P & ID: 11204-008-001, 11204-0

EQUIPMENT OR WELD IDENTIFICATION NO.	WELD OR EQUIP. DESCRIP.	PART NO. (SEE NOTE)	EXAM. METHOD	EXAMINATION METHOD AND ITEM NO.			
				VOL.	SURF.	VT1	VT2	VT3	VT4
W1104-01E-H001
W1104-01E-H002
W1104-01E-H003
W1104-01E-H004
W1104-01E-H005
W1104-01E-H006
W1104-01E-H007
W1104-01E-H008
W1104-01E-H009
W1104-01E-H010
W1104-01E-H011
W1104-01E-H012
W1104-01E-H013
W1104-01E-H014
W1104-01E-H015
W1104-01E-H016
W1104-01E-H017
W1104-01E-H018
W1104-01E-H019
W1104-01E-H020
W1104-01E-H021
W1104-01E-H022
W1104-01E-H023
W1104-01E-H024
W1104-01E-H025
W1104-01E-H026
W1104-01E-H027
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W1104-01E-H042
W1104-01E-H043
W1104-01E-H044
W1104-01E-H045
W1104-01E-H046
W1104-01E-H047
W1104-01E-H048
W1104-01E-H049
W1104-01E-H050



LEGEND:
 1 - INDICATES FIELD WELD
 2 - INDICATES INTEGRALLY WELDED SUPPORT ATTACHMENT
 3 - INDICATES SHOP WELD
 4 - PIPE RESTRAINT
 5 - PIPE SUPPORT
 6 - BRANCH CONNECTION WELD

REFERENCE DWGS:
 P & ID --- W-4021, 122
 FAB. ISO --- W-1204-01E-01/02/03
 PIPING LAYOUT DWG. --- W-1204-01E-04, 05, 06, 07, 08
 CIVIL/STRUCTURAL --- A-220804054
 HANGER DETAIL DWG. --- W-1204-01E-09 THRU
 F-SHEETS --- F-7326 F-7390 THRU
 2208, F-7375, F-7399

NOTES:
 1. SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATION.
 2. FOR PIPE WELD END PREP SEE BECHTEL DWG. APPROPRIATE APPENDIX D (UNLQD)
 3. WELDS 34 AND 21 ARE ON F-SHEETS BUT NOT ON W-1204-01E-01/02/03 OR W-1204-01E-02/03. WELDS WERE VERIFIED DURING FIELD WALKDOWN.

KEY PLAN:
 LEVEL B & C

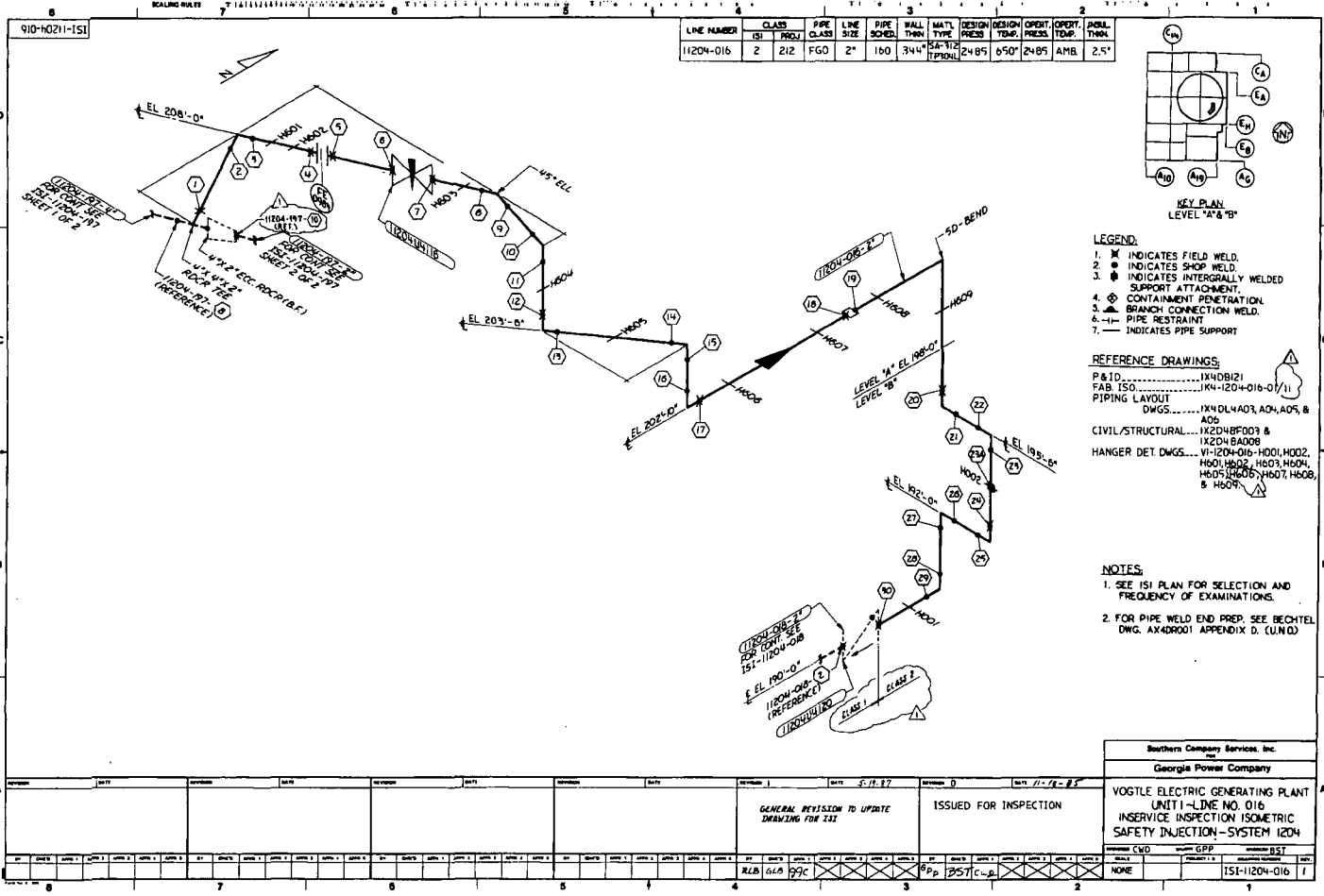
REVISION 6 DATE 5-27-87
 GENERAL REVISION TO UPDATE DRAWING FOR ISI

REVISION	DATE	DESCRIPTION
REVISION 5	6-18-86	ADDED LONG SEAM WELD NO.
REVISION 4	1-28-86	REMOVED WELD 19
REVISION 3	1-27-86	ADDED REF. WELD 17 & 85 ADDED DRAIN ON ELEV 185'-0" ADDED VENT ON ELEV 178'-0" ADDED EXAM METHOD ON H027
REVISION 2	2-20-86	ADDED NEW WELD 10'S REVISED EQUIPMENT IDENTIFICATION NO. REVISED HANGERS H017 & H023 REVISED ITEM NO. DELETED WELD NUMBER 06.2
REVISION 1	10-29-84	REVISED PER WALKDOWN
REVISION 0	11-9-83	ISSUED FOR INSPECTION

Southern Power Services, Inc.
 Georgia Power Company

VOGTE ELECTRIC GENERATING PLANT
 UNIT 1 - LINE NO. 012
 INSERVICE INSPECTION ISOMETRIC
 SAFETY INJECTION SYSTEM 1204

DATE: 11-9-83
 DRAWN BY: J.S.
 CHECKED BY: J.S.
 SCALE: AS SHOWN



LINE NUMBER	CLASS	PIPE CLASS	LINE SIZE	PIPE SCHED.	WALL THIN.	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	AVAIL. THIN.
11204-016	Z	Z12	FGO	2"	160	304	2485	650°	2485	AMB.	2.5"

- LEGEND:**
- 1. X INDICATES FIELD WELD.
 - 2. ● INDICATES SHOP WELD.
 - 3. ○ INDICATES INTERSTITIALLY WELDED SUPPORT ATTACHMENT.
 - 4. ◊ CONTAINMENT PENETRATION.
 - 5. — BRANCH CONNECTION WELD.
 - 6. — PIPE RESTRAINT.
 - 7. — INDICATES PIPE SUPPORT.

- REFERENCE DRAWINGS:**
- P&ID.....1X4DB121
 - FAB. ISO.....1X4-1204-016-0/11
 - PIPING LAYOUT DWGS.....1X4DL4A03, A04, A05, & A06
 - CIVIL/STRUCTURAL.....1X204BF003 & 1X204BA008
 - HANGER DET. DWGS.....VI-1204-016-H001, H002, H001, H002, H003, H004, H005, H006, H007, H008, & H009

- NOTES:**
1. SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 2. FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX44001 APPENDIX D. (U.N.D.)

Bathurst Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT UNIT 1-LINE NO. 016 INSERVICE INSPECTION ISOMETRIC SAFETY INJECTION-SYSTEM 1204	
DESIGNED BY: CMD	CHECKED BY: GPP
DRAWN BY: NONE	ISSUED BY: BST
DATE: 5-14-97	SCALE: 1/4" = 1'-0"

GENERAL REVISION TO UPDATE DRAWING FOR ISI

ISSUED FOR INSPECTION

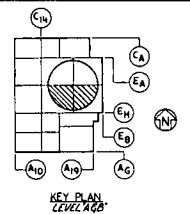
REVISION 1: 5-14-97

REVISION 0: 11-18-85

NO.	DATE	BY	CHKD.	APP'D.	REVISION
1	5-14-97	RLB	GLB	99C	GENERAL REVISION TO UPDATE DRAWING FOR ISI

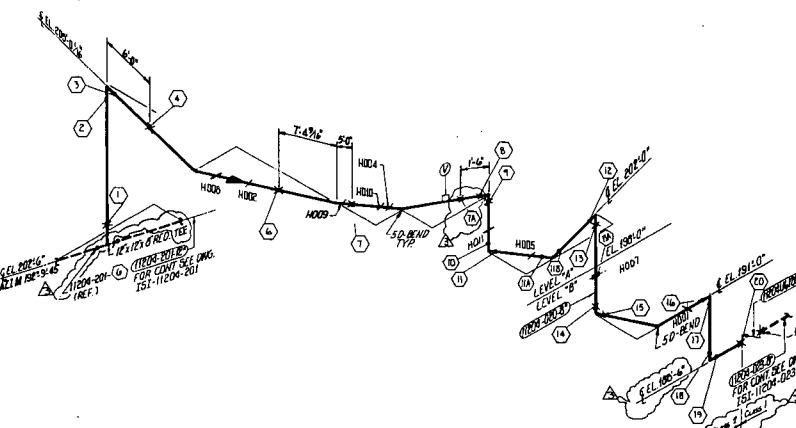
IDENTIFICATION NUMBER	WELD OR EQUIP. DESCRIP.	PART EXAMINED (SEE NOTE NO. 1)	EXAM. REQUIREMENT FIG.	EXAMINATION METHOD AND ITEM NO.			
				VOL.	SURF.	VT1	VT2	VT3	VT4
11204-020-H007	WELDED	WELDED	1				
11204-020-H008	WELDED	WELDED	1				
11204-020-H009	WELDED	WELDED	1				
11204-020-H010	WELDED	WELDED	1				
11204-020-H011	WELDED	WELDED	1				
11204-020-H012	WELDED	WELDED	1				
11204-020-H013	WELDED	WELDED	1				
11204-020-H014	WELDED	WELDED	1				
11204-020-H015	WELDED	WELDED	1				
11204-020-H016	WELDED	WELDED	1				
11204-020-H017	WELDED	WELDED	1				
11204-020-H018	WELDED	WELDED	1				
11204-020-H019	WELDED	WELDED	1				
11204-020-H020	WELDED	WELDED	1				
11204-020-H021	WELDED	WELDED	1				
11204-020-H022	WELDED	WELDED	1				
11204-020-H023	WELDED	WELDED	1				
11204-020-H024	WELDED	WELDED	1				
11204-020-H025	WELDED	WELDED	1				
11204-020-H026	WELDED	WELDED	1				
11204-020-H027	WELDED	WELDED	1				
11204-020-H028	WELDED	WELDED	1				
11204-020-H029	WELDED	WELDED	1				
11204-020-H030	WELDED	WELDED	1				
11204-020-H031	WELDED	WELDED	1				
11204-020-H032	WELDED	WELDED	1				
11204-020-H033	WELDED	WELDED	1				
11204-020-H034	WELDED	WELDED	1				
11204-020-H035	WELDED	WELDED	1				
11204-020-H036	WELDED	WELDED	1				
11204-020-H037	WELDED	WELDED	1				
11204-020-H038	WELDED	WELDED	1				
11204-020-H039	WELDED	WELDED	1				
11204-020-H040	WELDED	WELDED	1				
11204-020-H041	WELDED	WELDED	1				
11204-020-H042	WELDED	WELDED	1				
11204-020-H043	WELDED	WELDED	1				
11204-020-H044	WELDED	WELDED	1				
11204-020-H045	WELDED	WELDED	1				
11204-020-H046	WELDED	WELDED	1				
11204-020-H047	WELDED	WELDED	1				
11204-020-H048	WELDED	WELDED	1				
11204-020-H049	WELDED	WELDED	1				
11204-020-H050	WELDED	WELDED	1				
11204-020-H051	WELDED	WELDED	1				
11204-020-H052	WELDED	WELDED	1				
11204-020-H053	WELDED	WELDED	1				
11204-020-H054	WELDED	WELDED	1				
11204-020-H055	WELDED	WELDED	1				
11204-020-H056	WELDED	WELDED	1				
11204-020-H057	WELDED	WELDED	1				
11204-020-H058	WELDED	WELDED	1				
11204-020-H059	WELDED	WELDED	1				
11204-020-H060	WELDED	WELDED	1				
11204-020-H061	WELDED	WELDED	1				
11204-020-H062	WELDED	WELDED	1				
11204-020-H063	WELDED	WELDED	1				
11204-020-H064	WELDED	WELDED	1				
11204-020-H065	WELDED	WELDED	1				
11204-020-H066	WELDED	WELDED	1				
11204-020-H067	WELDED	WELDED	1				
11204-020-H068	WELDED	WELDED	1				
11204-020-H069	WELDED	WELDED	1				
11204-020-H070	WELDED	WELDED	1				
11204-020-H071	WELDED	WELDED	1				
11204-020-H072	WELDED	WELDED	1				
11204-020-H073	WELDED	WELDED	1				
11204-020-H074	WELDED	WELDED	1				
11204-020-H075	WELDED	WELDED	1				
11204-020-H076	WELDED	WELDED	1				
11204-020-H077	WELDED	WELDED	1				
11204-020-H078	WELDED	WELDED	1				
11204-020-H079	WELDED	WELDED	1				
11204-020-H080	WELDED	WELDED	1				
11204-020-H081	WELDED	WELDED	1				
11204-020-H082	WELDED	WELDED	1				
11204-020-H083	WELDED	WELDED	1				
11204-020-H084	WELDED	WELDED	1				
11204-020-H085	WELDED	WELDED	1				
11204-020-H086	WELDED	WELDED	1				
11204-020-H087	WELDED	WELDED	1				
11204-020-H088	WELDED	WELDED	1				
11204-020-H089	WELDED	WELDED	1				
11204-020-H090	WELDED	WELDED	1				
11204-020-H091	WELDED	WELDED	1				
11204-020-H092	WELDED	WELDED	1				
11204-020-H093	WELDED	WELDED	1				
11204-020-H094	WELDED	WELDED	1				
11204-020-H095	WELDED	WELDED	1				
11204-020-H096	WELDED	WELDED	1				
11204-020-H097	WELDED	WELDED	1				
11204-020-H098	WELDED	WELDED	1				
11204-020-H099	WELDED	WELDED	1				
11204-020-H100	WELDED	WELDED	1				

LINE NUMBER	CLASS	PIPE CLASS	PIPE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THICK.	
11204-020	2	E12	FG0	0"	160	0.500	SAF312	2465	650	2465	AWB	N/A



- LEGEND:**
- INDICATES FIELD WELD.
 - INDICATES SHOP WELD.
 - INDICATES INTERGRALLY WELDED SUPPORT ATTACHMENT.
 - CONTAINMENT PENETRATION.
 - BRANCH CONNECTION WELD.
 - PIPE RESTRAINT.
 - PIPE SUPPORT.

- REFERENCE DRAWINGS:**
- P&ID: 11408127
 - FAB ISO: 11408128, 11408129, 11408130
 - PIPING LAYOUT DWG: 11408131, 11408132, 11408133
 - CIVIL/STRUCTURAL: 11408134, 11408135, 11408136
 - HANGER DETAIL DWGS: 11408137, 11408138, 11408139
 - F-SHEETS: 11408140, 11408141, 11408142



- NOTES:**
- SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX40R001 APPENDIX D. (U.N.Q)

REVISION	DATE	DESCRIPTION
REVISION 5	DATE 5-17-87	GENERAL REVISION TO UPDATE DIMENSIONS FOR ISI
REVISION 4	DATE 11-13-85	ADDED REC WELD 1/8\"/>
REVISION 3	DATE 3-30-85	GENERAL REVISION ADDED NEW WELD NO'S (CHANGED FROM CLASS 1 TO CLASS 2)
REVISION 2	DATE 7-4-83	ISSUED FOR INSPECTION

Southern Company Services, Inc.

GEORGIA POWER COMPANY

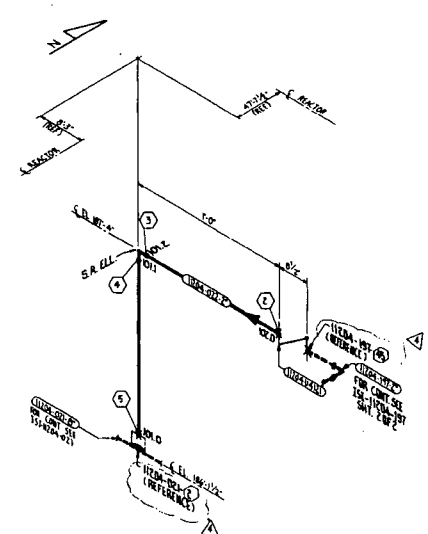
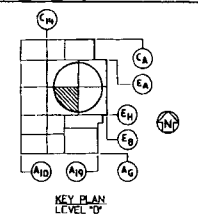
VOSTLE ELECTRIC GENERATING PLANT
UNIT 1-LINE NO. 020
INSERVICE INSPECTION ISOMETRIC
SAFETY INJECTION-SYSTEM 1204

DESIGNED BY: F.F. ... DRAWN BY: C.S.A. ... CHECKED BY: ...

DATE: 1204-020-020

EQUIPMENT OR WELD IDENTIFICATION NUMBER	WELD OR EQUIP. DESCRIP.	PART EXAMINED (SEE NOTE NO. 1)	EXAM. REQUIREMENT FIG.	EXAMINATION METHOD AND ITEM NO.			
				VOL.	SURF.	VT1	VT2	VT3	VT4
11204-022	CRACK WELD	WELD	---	---	---	---	---
11204-022-WELD	SW	CRACK WELD	11204-022-8	---	---	---	---
WELD	SW	---	---	---	---	---	---
WELD	---	---	---	---	---	---	---
WELD	---	---	---	---	---	---	---

LINE NUMBER	CLASS	PIPE CLASS	LINE SIZE	PIPE SCHED.	WALL THIN.	MATL. TYPE	DESIGN PRES.	DESIGN TEMP.	OPER. TEMP.	OPER. PRES.	INSUL. THIN.
11204-022	1	111	160	2"	160	344	2485	650	2485	ATD	2.5



- LEGEND:**
1. [Symbol] INDICATES FIELD WELD.
 2. [Symbol] INDICATES SHOP WELD.
 3. [Symbol] INDICATES INTERIALLY WELDED SUPPORT ATTACHMENT.
 4. [Symbol] CONTAINMENT PENETRATION.
 5. [Symbol] BRANCH CONNECTION WELD.
 6. [Symbol] PIPE RESTRAINT.

REFERENCE DRAWINGS:
 P & ID - - - - - IX-08121
 FAB 150 - - - - - 11K-1204-197-02
 PIPING LAYOUT DWG - - - IX-04406
 CIVIL/STRUCTURAL - - - IX-248007
 ISI PIPING CLASS. DWG - - - ISI-20-046

- NOTES:**
1. SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 2. FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX48001 APPENDIX D. (UNO)

REVISION	DATE	DESCRIPTION	BY	CHECKED	APPROVED
REVISION 4	DATE 11-17-67	ADDED REF WELD 2645 ADDED FOR CONT.	BAE	WJS	BAE
REVISION 3	DATE 3-15-65	ADDED NEW WELD NUMBERS REMOVED CONTINUATION NOTE REMOVED 11204-197-W1001 (REF) REMOVED 11204-DEC-W103.D	BST	WJS	CUD
REVISION 2	DATE 11-28-64	ADDED WELD & REF. WELD	BAE	WJS	WJS
REVISION 1	DATE 11-15-64	REVISED WELD NUMBERS AND REFERENCE WELDS ADDED REFERENCE WELD 11204-197- W WELD	BST	WJS	WJS
REVISION 0	DATE 9-28-63	ISSUED FOR INSPECTION	ORC	WJS	WJS

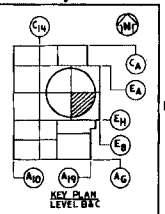
Southern Company Services, Inc.
 GEORGIA POWER COMPANY

VOGTLE ELECTRIC GENERATING PLANT
 UNIT 1 - LINE NO. 022
 INSERVICE INSPECTION ISOMETRIC
 SAFETY INJECTION SYSTEM (204)

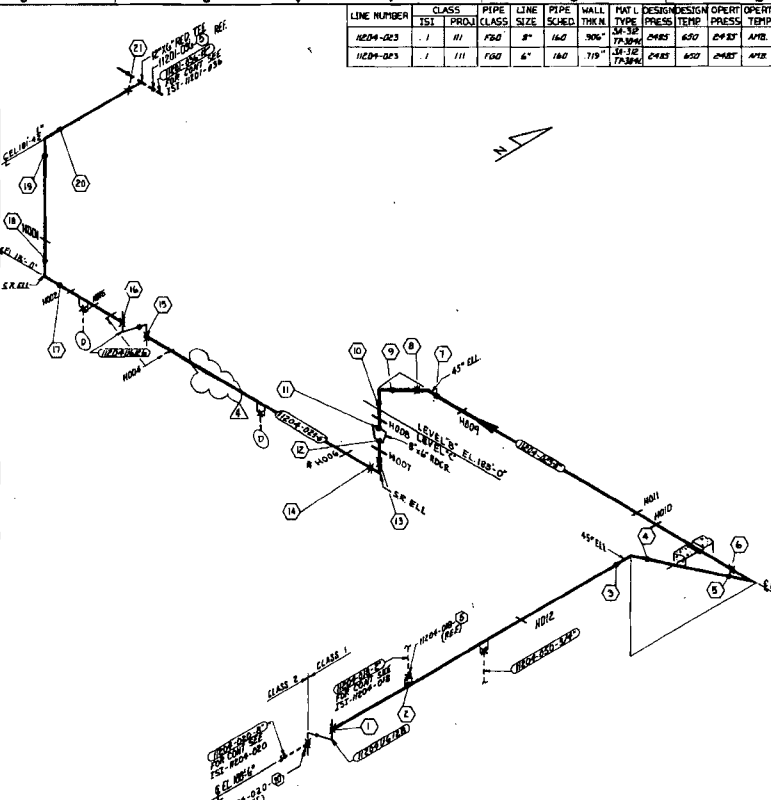
REVISION: P.T. DRAWN: ORC CHECKED: WJS APPROVED: WJS

PROJECT: ISI-204-022 SHEET: 4

LINE NUMBER	CLASS	PIPE CLASS	PIPE SIZE	PIPE SCHED	WALL THICK.	MAT. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPERT. PRESS.	OPERT. TEMP.	INSUL. THICK.
11204-023	1	111	100"	8"	160	306	SA-312	1500	400	400	3.0"
11204-023	1	111	100"	6"	160	315	SA-312	1500	400	400	3.0"



EQUIPMENT OR WELD IDENTIFICATION NO.	WELD OR EQUIP. DESCRIP.	PART EXAMINED (SEE NOTE NO.)	EXAM. ROUTING (NEXT FIG.)	EXAMINATION METHOD AND ITEM NO.						
				VOL.	SURF.	VT1	VT2	VT3	VT4	
11204-023-001	WELD	...	...					
11204-023-002	WELD	...	...					
11204-023-003	WELD	...	...					
11204-023-004	WELD	...	...					
11204-023-005	WELD	...	...					
11204-023-006	WELD	...	...					
11204-023-007	WELD	...	...					
11204-023-008	WELD	...	...					
11204-023-009	WELD	...	...					
11204-023-010	WELD	...	...					
11204-023-011	WELD	...	...					
11204-023-012	WELD	...	...					
11204-023-013	WELD	...	...					
11204-023-014	WELD	...	...					
11204-023-015	WELD	...	...					
11204-023-016	WELD	...	...					
11204-023-017	WELD	...	...					
11204-023-018	WELD	...	...					
11204-023-019	WELD	...	...					
11204-023-020	WELD	...	...					
11204-023-021	WELD	...	...					
11204-023-022	WELD	...	...					
11204-023-023	WELD	...	...					
11204-023-024	WELD	...	...					
11204-023-025	WELD	...	...					
11204-023-026	WELD	...	...					
11204-023-027	WELD	...	...					
11204-023-028	WELD	...	...					
11204-023-029	WELD	...	...					
11204-023-030	WELD	...	...					
11204-023-031	WELD	...	...					
11204-023-032	WELD	...	...					
11204-023-033	WELD	...	...					
11204-023-034	WELD	...	...					
11204-023-035	WELD	...	...					
11204-023-036	WELD	...	...					
11204-023-037	WELD	...	...					
11204-023-038	WELD	...	...					
11204-023-039	WELD	...	...					
11204-023-040	WELD	...	...					
11204-023-041	WELD	...	...					
11204-023-042	WELD	...	...					
11204-023-043	WELD	...	...					
11204-023-044	WELD	...	...					
11204-023-045	WELD	...	...					
11204-023-046	WELD	...	...					
11204-023-047	WELD	...	...					
11204-023-048	WELD	...	...					
11204-023-049	WELD	...	...					
11204-023-050	WELD	...	...					



LEGEND
 1. # INDICATES FIELD WELD
 2. # INDICATES SHOP WELD
 3. # INDICATES INTEGRALLY WELDED SUPPORT ATTACHMENT
 4. # INDICATES BRANCH CONNECTION WELD
 5. # INDICATES PIPE SUPPORT

REFERENCE DRAWINGS:
 P&ID: 11204-023-021, 022, 023, 024
 FAB ISO: 11204-023-021, 022, 023, 024
 PIPING LAYOUT DWG: 11204-023-001, 002, 003
 CIVIL/STRUCTURAL: 11204-023-001, 002, 003
 HANGER DETAIL DWG: 11204-023-001, 002, 003
 P-SHEETS: 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60

NOTES:
 1. USE 1ST PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 2. FOR PIPE WELD END PREP SEE BECHTEL DWG ANDRO01 APPENDIX D.

NO.	DATE	BY	CHKD.	APPV.	REVISION
1	11-19-78	...	...	...	REMOVED HANGER NO. 11204-023-001 PER PCR 72-005
2	3-21-82	...	...	...	GENERAL REVISION TO UPDATE DRAWING FOR IIS
3	11-14-85	...	...	...	ADDED REF. WELDS NOS. 5, 20, 5
4	3-19-85	...	...	...	ADDED NEW WELD NOS. NOTE 4, WELD 080
5	...	...	...	...	ISSUED FOR INSPECTION

Southern Company Services, Inc.
 Georgia Power Company

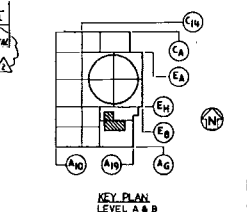
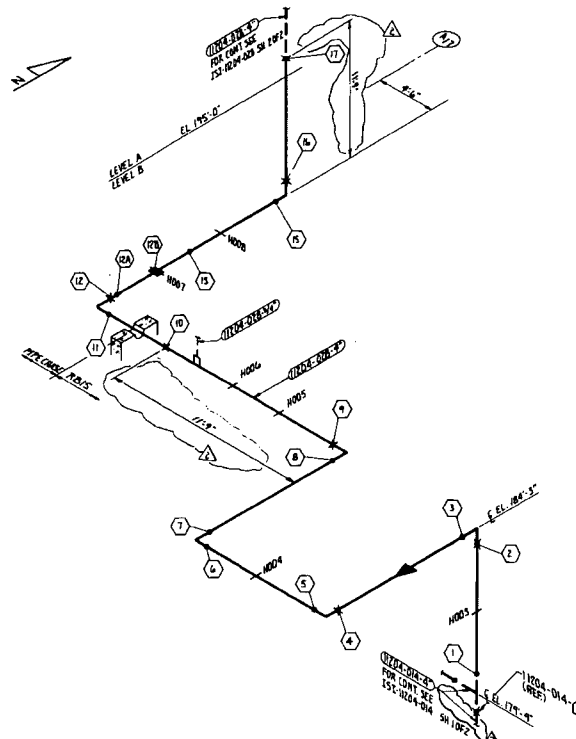
VOGTLE ELECTRIC GENERATING PLANT
 UNIT 1 - LINE NO. 023
 INSERVICE INSPECTION ISOMETRIC
 SAFETY INJECTION-SYSTEM 204

ISSUED FOR INSPECTION

151-11204-023 4

LINE NUMBER	CLASS	PIPE CLASS	PIPE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSTR. THICK.
11204-028	2	212	660	4"	805	.537"	1P304L	1750	700	4670	204

EQUIPMENT OR WELD IDENTIFICATION NUMBER	WELD OR EQUIP. DESCRIP.	PART EXAMINED (SEE NOTE NO. 1)	EXAM. REQUIREMENT FIG.	EXAMINATION METHOD AND ITEM NO.							
				VOL.	SURF.	VT1	VT2	VT3	VT4		
11204-028-H001	2" DIA. STEEL PIPE	STEEL PIPE	11204-028-1								
11204-028-H002	2" DIA. STEEL PIPE	STEEL PIPE	11204-028-1								
11204-028-H003	2" DIA. STEEL PIPE	STEEL PIPE	11204-028-1								
11204-028-H004	2" DIA. STEEL PIPE	STEEL PIPE	11204-028-1								
11204-028-H005	2" DIA. STEEL PIPE	STEEL PIPE	11204-028-1								
11204-028-H006	2" DIA. STEEL PIPE	STEEL PIPE	11204-028-1								
11204-028-H007	2" DIA. STEEL PIPE	STEEL PIPE	11204-028-1								
11204-028-H008	2" DIA. STEEL PIPE	STEEL PIPE	11204-028-1								
11204-028-H009	2" DIA. STEEL PIPE	STEEL PIPE	11204-028-1								
11204-028-H010	2" DIA. STEEL PIPE	STEEL PIPE	11204-028-1								
11204-028-H011	2" DIA. STEEL PIPE	STEEL PIPE	11204-028-1								
11204-028-H012	2" DIA. STEEL PIPE	STEEL PIPE	11204-028-1								
11204-028-H013	2" DIA. STEEL PIPE	STEEL PIPE	11204-028-1								
11204-028-H014	2" DIA. STEEL PIPE	STEEL PIPE	11204-028-1								



- LEGEND:**
- 1. ✕ INDICATES FIELD WELD.
 - 2. ● INDICATES SHOP WELD.
 - 3. ⊕ INDICATES INTERIALLY WELDED SUPPORT ATTACHMENT.
 - 4. ⊕ INDICATES CONTAINMENT PENETRATION.
 - 5. ⊕ INDICATES BRANCH CONNECTION WELD.
 - 4-11 PIPE RESTRAINT
 - 7. — PIPE SUPPORT

- REFERENCE DRAWINGS:**
- P&ID _____ JK3-1204-028 01/15
 - Piping Layout DWG _____ JK401605, H004, H005
 - CIVIL/STRUCTURAL _____ AK2008057
 - HANGER DETAIL DWG _____ J1-1204-028-H009 THRU H008
 - F-SHEETS _____ F1908, F1909, F1910 F-11408

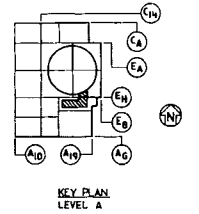
- NOTES:**
- 1. SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - 2. FOR PIPE WELD END PREP. SEE BECTEL DWG. AX40001 APPENDIX D. (U.N.O.)

DATE	BY	DESCRIPTION
03-27-87		GENERAL REVISION TO UPDATE DWG FOR ISS
06-10-86		DELETED WELD 14 DELETED WALL DELETED FLOOR ADDED ROOM NO
11-08-85		ISSUED FOR INSPECTION

Southern Company Services, Inc.	
GEORGIA POWER COMPANY	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 1 - LINE NO 028	
INSERVICE INSPECTION ISOMETRIC	
SAFETY INJECTION-SYSTEM 1204	
DATE	BY
NONE	SR10FZ
NO.	151-11204-028
REV.	2

EQUIPMENT OR WELD IDENTIFICATION NUMBER	WELD OR EQUIP. DESCRIP.	PART EXAMINED (SEE NOTE, NEL. 1)	EXAM. REQUIREMENT FIG.	EXAMINATION METHOD AND ITEM NO.			
				VT1	VT2	VT3	VT4
11204-028-028	W01	...	...		
	W02	...	...		
	W03	...	...		
	W04	...	...		
	W05	...	...		
	W06	...	...		
	W07	...	...		
	W08	...	...		
	W09	...	...		
	W10	...	...		
11204-028-W01.0	W01.1	...	...		
	W01.2	...	...		
	W01.3	...	...		
	W01.4	...	...		
	W01.5	...	...		
	W01.6	...	...		
	W01.7	...	...		
	W01.8	...	...		
	W01.9	...	...		
	W01.0	...	...		

LINE NUMBER	CLASS	PIPE CLASS	PIPE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	WELD THICK.
11204-028	Z	E1C	660	4"	805	SA312 TP304	1150	EDD	1670	ZDG	0.1875



LEGEND:

- ✕ INDICATES FIELD WELD.
- INDICATES SHOP WELD.
- ⊙ INDICATES INTERGRALLY WELDED SUPPORT ATTACHMENT.
- ⊕ CONTAINMENT PENETRATION.
- ⊙ BRANCH CONNECTION WELD.
- |- PIPE RESTRAINT.
- |- PIPE SUPPORT.

REFERENCE DRAWINGS:

P&ID _____ JY408121

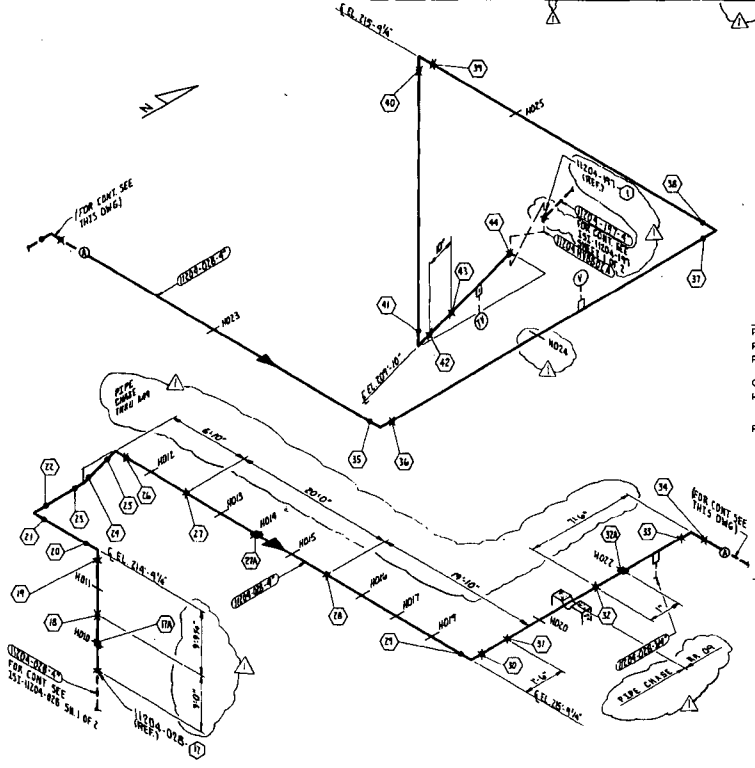
FAB ISO _____ IK3-1204-028-07/21

PIPING LAYOUT DWG. _____ JX4013603, 604, 605, 604, 604-1

CIVIL/STRUCTURAL _____ AX2008A080

HANGER DETAIL DWG. _____ V1204-028-H010 THRU H017, H019, H020, H022 THRU H025

F-SHEET 15 _____ F-4375 THRU F-4381

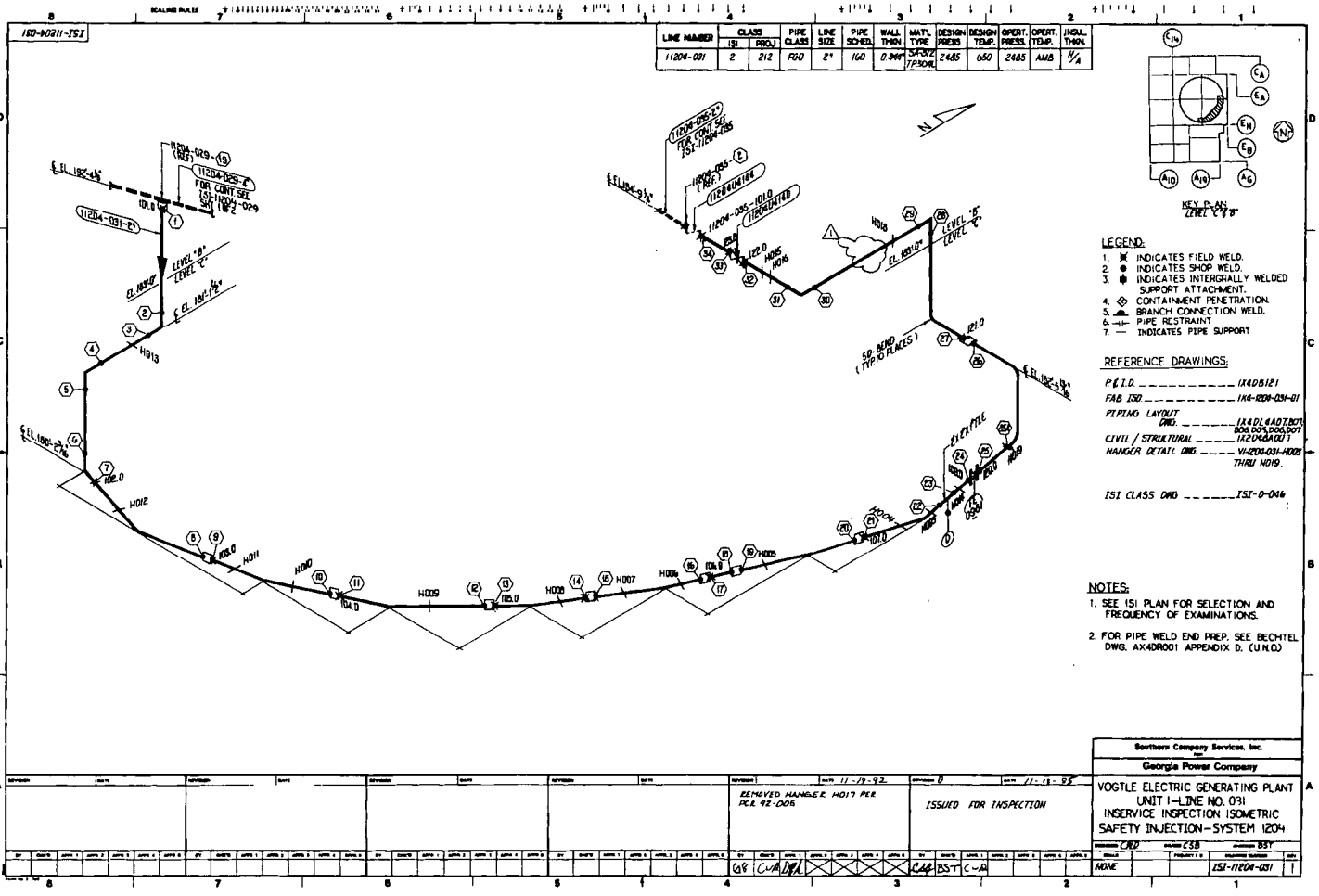


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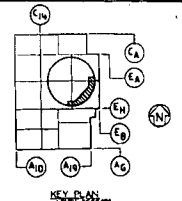
- SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
- FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX40R001 APPENDIX D. (U.N.Q.)

Southern Company Services, Inc.	
GEORGIA POWER COMPANY	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 1-LINE NO. 028	
INSERVICE INSPECTION ISOMETRIC	
SAFETY INJECTION-SYSTEM 1204	
DATE	BY
11-18-85	SM, ZDF
151-11204-028	1

NO.	DATE	DESCRIPTION	BY	CHECKED	APPROVED
1	11-18-85	ISSUED FOR INSPECTION	SM, ZDF		
2		GENERAL REVISION TO UPDATE DRAWING FOR ISI	RLD, GLO, JQC		



LINE NUMBER	CLASS	PIPE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THICK.		
11204-031	2	212	FGD	2"	160	0.390	SA302 725004	2485	650	2465	AMB	1/4"



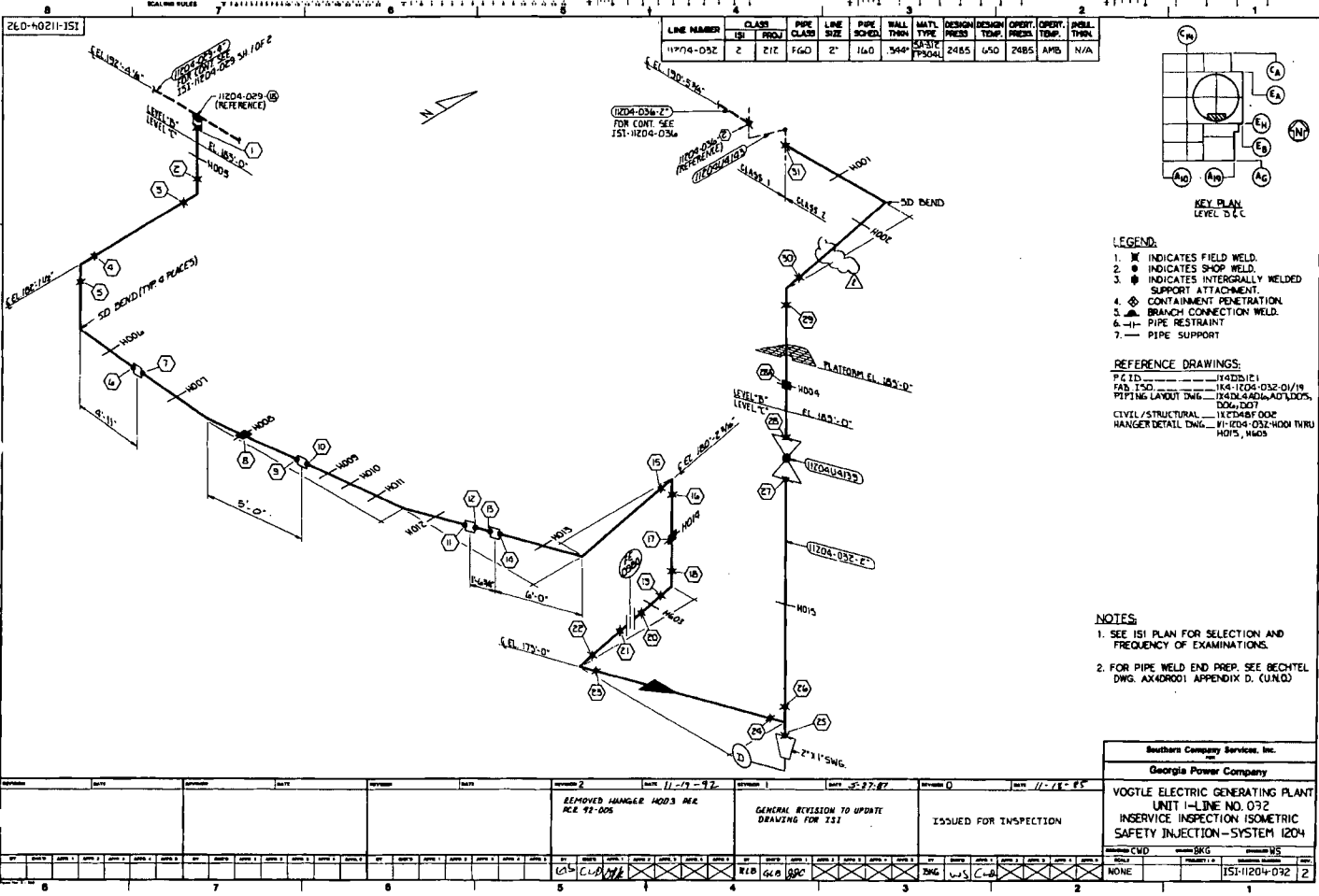
- LEGEND:**
- INDICATES FIELD WELD.
 - INDICATES SHOP WELD.
 - INDICATES INTERGRALLY WELDED SUPPORT ATTACHMENT.
 - CONTAINMENT PENETRATION.
 - BRANCH CONNECTION WELD.
 - PIPE RESTRAINT.
 - INDICATES PIPE SUPPORT.

- REFERENCE DRAWINGS:**
- P&ID ----- 11408121
 - FAB ISO ----- 1146-204-031-01
 - PIPING LAYOUT ----- 1146-204-031-001
 - CIVIL / STRUCTURAL ----- 1146-204-031-002
 - HANGER DETAIL DWG ----- 1146-204-031-003
 - THRU HO10.
 - ISI CLASS DWG ----- TSI-D-046

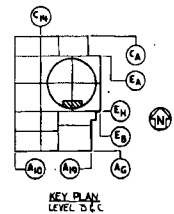
- NOTES:**
- SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX40001 APPENDIX D. (U.N.D.)

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT UNIT 1-LINE NO. 031 INSERVICE INSPECTION ISOMETRIC SAFETY INJECTION-SYSTEM 1204	
DATE	ISSUED FOR INSPECTION
BY	CAP/EST/C-A
CHKD	CAP/EST/C-A
APPROVED	TSI-11204-031

REV.	DATE	DESCRIPTION
1	11-19-92	REMOVED HANGER HO17 PER P&ID 11-19-92
2	11-19-92	ISSUED FOR INSPECTION



LINE NUMBER	CLASS	PIPE CLASS	PIPE SIZE	PIPE SCHED.	WALL THIN	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	WALL THIN.
11204-052	2	212	FG0	2"	160	SA-312	2485	650	2485	AMB	N/A



- LEGEND:**
- 1. X INDICATES FIELD WELD.
 - 2. O INDICATES SHOP WELD.
 - 3. I INDICATES INTERGRALLY WELDED SUPPORT ATTACHMENT.
 - 4. ⊕ CONTAINMENT PENETRATION.
 - 5. ⊕ BRANCH CONNECTION WELD.
 - 6. —|— PIPE RESTRAINT.
 - 7. — PIPE SUPPORT.

- REFERENCE DRAWINGS:**
- P.C. ID. ———— 11204-052-01/19
 - FAB. T.S.D. ———— 11204-052-01/19
 - PIPING LAYOUT DWG. ———— 11204-052-01/19
 - CIVIL/STRUCTURAL ———— 11204-052-001 THRU 11204-052-002
 - HANGER DETAIL DWG. ———— 11204-052-001 THRU 11204-052-002

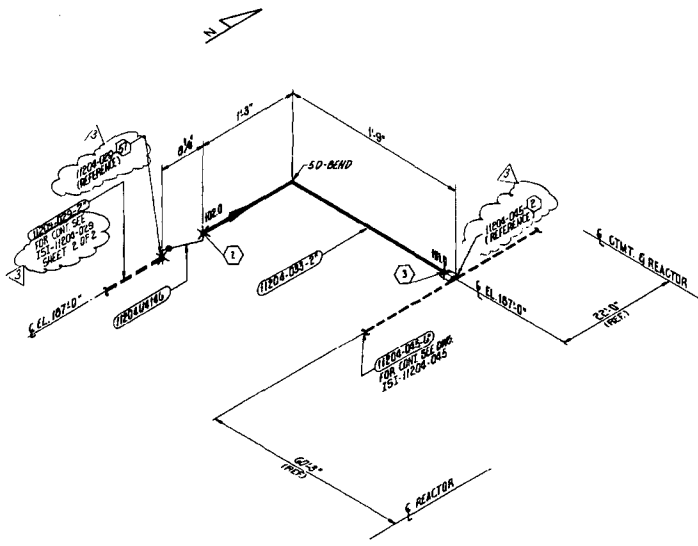
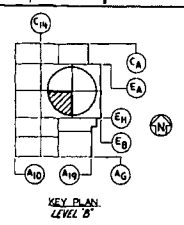
- NOTES:**
1. SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 2. FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX40001 APPENDIX D. (UNLO)

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT UNIT 1—LINE NO. 092 INSERVICE INSPECTION ISOMETRIC SAFETY INJECTION—SYSTEM 1204	
DESIGNED BY CWD	BRG
DRAWN BY NONE	151-1204-092

NO.	DATE	BY	CHKD.	REVISION
1	11-19-92			REMOVED HANGER 1403 SEE REC 92-006
2	5-27-97			GENERAL REVISION TO UPDATE DRAWING FOR ISI
3	11-18-95			ISSUED FOR INSPECTION

EQUIPMENT OR WELD IDENTIFICATION NUMBER	WELD OR EQUIP. DESCRIP.	PART EXAMINED (SEE NOTE NO. 1)	EXAM. SECURE NO.	EXAMINATION METHOD AND ITEM NO.			
				VOL.	SURF.	VT1	VT2	VT3	VT4
11204-033	S.W.	11204-033	11204-033				
11204-033-BEND	S.W.	11204-033	11204-033				
11204-033-BEND	S.W.	11204-033	11204-033				

LINE NUMBER	CLASS	PIPE CLASS	PIPE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THICK.
11204-033	1	111	160	2"	160	0.344	2405	650	2405	AMB	1.0



- LEGEND:**
- INDICATES FIELD WELD.
 - INDICATES SHOP WELD.
 - INDICATES INTERGRIFFLY WELDED SUPPORT ATTACHMENT.
 - CONTAINMENT PENETRATION.
 - BRANCH CONNECTION WELD.
 - PIPE RESTRAINT.
 - INDICATES PIPE SUPPORT.

- REFERENCE DRAWINGS:**
- P.A.I.D. ----- 11400121
 - FAB ISO. ----- 114-1204-029-03
 - PIPING LAYOUT DWS. ----- 114014006
 - CIVIL / STRUCTURAL ----- 11204BF002
 - ISI PIPING CLASSIFICATION DWG. 151-D-046

- NOTES:**
- SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX40001 APPENDIX D. (U.N.D.)

DATE	BY	REVISION	DESCRIPTION
11-16-85	WS/CUB	1	ADDED REF WELD NOS. 2 & 57 ADDED CORV. NO.
3-15-85	WS/CUB	2	ADDED NEW WELD NO'S
7-24-84	WS/FF	3	CHANGED WELD NOS. 10 TO 1010, 1020 TO 1021 ADDED WELD NO. 83 ADDED TO LEGEND WELD NO. 7 ADDED TO REFERENCE ISI CLASSIFICATION NO. 151-P-046
11-27-83	WS/FF	4	ISSUED FOR INSPECTION

Southern Company Services, Inc.
GEORGIA POWER COMPANY

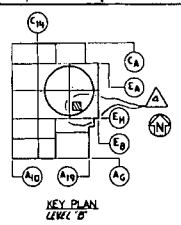
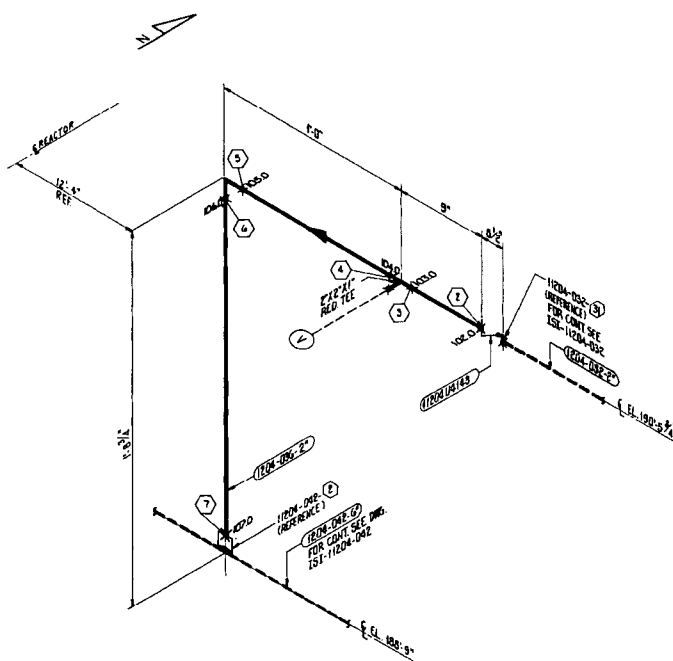
VOGTLE ELECTRIC GENERATING PLANT
UNIT 1-LINE NO.033
INSERVICE INSPECTION ISOMETRIC
SAFETY INJECTION-SYSTEM 1204

ISSUED FOR INSPECTION

NO.	DATE	BY	REVISION	DESCRIPTION
1	11-27-83	WS/FF	4	ISSUED FOR INSPECTION
2	7-24-84	WS/FF	3	CHANGED WELD NOS. 10 TO 1010, 1020 TO 1021 ADDED WELD NO. 83 ADDED TO LEGEND WELD NO. 7 ADDED TO REFERENCE ISI CLASSIFICATION NO. 151-P-046
3	3-15-85	WS/CUB	2	ADDED NEW WELD NO'S
4	11-16-85	WS/CUB	1	ADDED REF WELD NOS. 2 & 57 ADDED CORV. NO.

EQUIPMENT OR WELD IDENTIFICATION NUMBER	WELD OR EQUIP. DESCRIP.	PART EXAMINED (SEE NOTE NO. 1)	EXAM. REQUIREMENT FREQ.	EXAMINATION METHOD AND ITEM NO.				
				VOL.	SURF.	VT1	VT2	VT3	VT4
11204-036	PIPE WELD	PIPE WELD	---	---	---	---	---	---
11204-036 WELD 2	S.W.	(SEE WELD Dwg-100-8)	---	---	---	---	---	---
WELD 1	S.W.	---	---	---	---	---	---	---
WELD 3	S.W.	---	---	---	---	---	---	---
WELD 4	S.W.	---	---	---	---	---	---	---
WELD 5	S.W.	---	---	---	---	---	---	---

LINE NUMBER	CLASS	PIPE CLASS	PIPE LINE SIZE	PIPE SCHED.	PIPE WALL THIN	MATL TYPE	DESIGN PRESS	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSTR. THIN	
11204-036	1	111	FG0	2"	160	0.364	SA-106	2605	650	2405	AMB	10"



- LEGEND:**
1. X INDICATES FIELD WELD.
 2. ● INDICATES SHOP WELD.
 3. ● INDICATES INTEGRALLY WELDED SUPPORT ATTACHMENT.
 4. ⊕ CONTAINMENT PENETRATION.
 5. ⊕ BRANCH CONNECTION WELD.
 6. -| PIPE RESTRAINT.
- REFERENCE DRAWINGS:**
- P & I D. 1140B121
 FAB ISO. 114-1024-032-01
 PIPING LAYOUT DWG. 114014006
 CIVIL STRUCTURAL 1120401002
 ISI PIPING CLASS DWG. 151-D-046

- NOTES:**
1. SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 2. FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX40001 APPENDIX D. (U.N.O.)

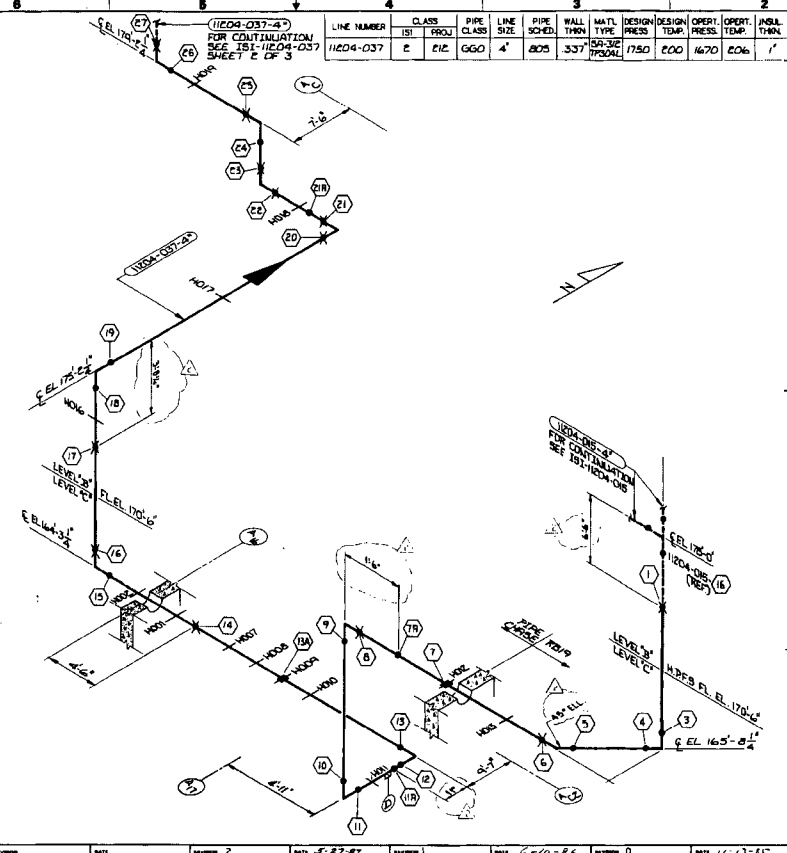
REVISION 3 DATE 11-26-85 ADDED REF WELDS NOS 24, 31 ADDED FOR CONT. CHANGED ITEM 4 ELEVATION		REVISION 2 DATE 3-15-85 ADDED NEW WELD NO'S		REVISION 1 DATE 11-13-84 REVISED WELDING SYMBOLS, REMOVED F-SHEET DESIGNATION FROM REFERENCED CHANGED INSTEAD THRU ADDED ISI PIPING CLASSIFICATION DRAWINGS TO REFERENCES.		REVISION 0 DATE 7-7-83 ISSUED FOR INSPECTION	
BY	CHKD	BY	CHKD	BY	CHKD	BY	CHKD
BST	WJS	CAB	WJS	BST	WJS	C.S.A.	BST

Southern Company Services, Inc.
 GEORGIA POWER COMPANY

VOGTLE ELECTRIC GENERATING PLANT
 UNIT 1-LINE NO. 036
 INSERVICE INSPECTION ISOMETRIC
 SAFETY INJECTION-SYSTEM 1204

REVISION 0
 DATE 7-7-83
 DRAWN BY C.S.A.
 CHECKED BY BST
 SCALE NONE
 SHEET NO. 151-11204-036
 OF 4

EQUIPMENT OR WELD IDENTIFICATION NUMBER	WELD OR EQUIP. DESCRIP.	PART EXAMINED (SEE NOTE NO. 1)	EXAM. REQUIREMENT FIG.	EXAMINATION METHOD AND ITEM NO.			
				VOL.	SURF.	VT1	VT2
11204-037-4							
FOR CONTINUATION SEE 11204-037 SHEET 2 OF 3							
11204-037-1							
11204-037-2							
11204-037-3							
11204-037-4							
11204-037-5							
11204-037-6							
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11204-037-99							
11204-037-100							



LINE NUMBER	CLASS	PIPE CLASS	PIPE SIZE	PIPE SCHED.	WALL THIN.	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THIN.
11204-037	E	EIC	GGG	4"	805	337	1750	800	1670	806	1"

KEY PLAN
LEVELS 8' 3"

LEGEND:

- INDICATES FIELD WELD.
- INDICATES SHOP WELD.
- INDICATES INTERGRALLY WELDED SUPPORT ATTACHMENT.
- CONTAINMENT PENETRATION.
- BRANCH CONNECTION WELD.
- PIPE RESTRAINT.
- INDICATES PIPE SUPPORT.

REFERENCE DRAWINGS:

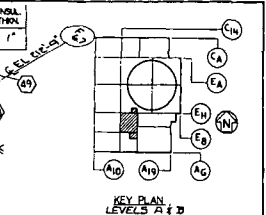
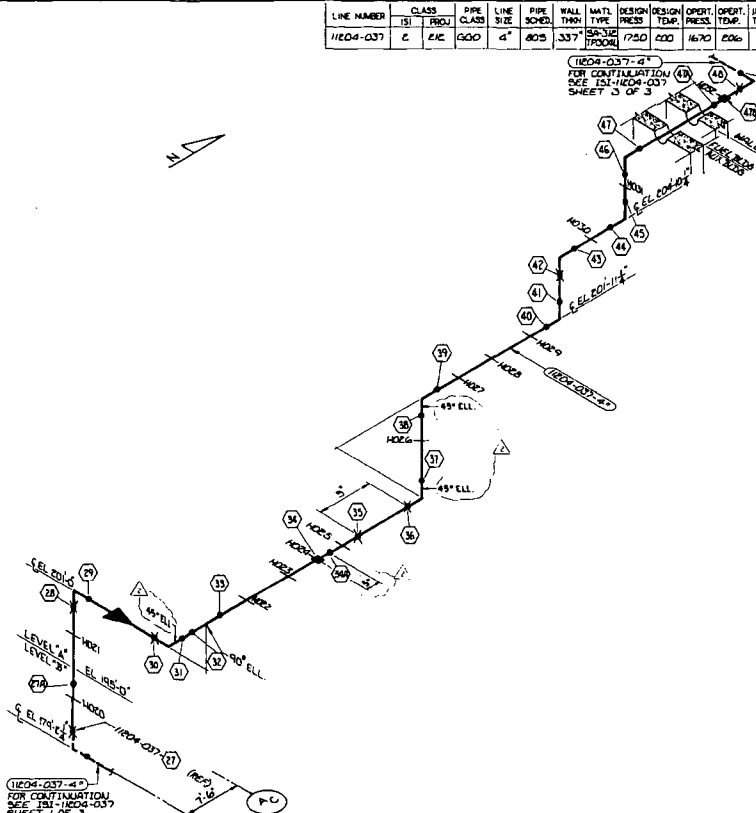
P&ID: 11204-037-01/14
 FAB ISO: 11204-037-02/10
 PIPING LAYOUT DWG: 11204-037-03/10
 CIVIL/STRUCTURAL: 11204-037-04/10
 HANGER DETAIL DWG: 11204-037-05/10
 F-SHEETS: 11204-037-06/10

NOTES:

- SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
- FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX4DR001 APPENDIX D. (U.N.O.)

REVISION 2 DATE 5-27-87		REVISION 1 DATE 6-10-86		REVISION 0 DATE 11-23-85							
GENERAL REVISION TO UPDATE DRAWING FOR ISI		ADDED WELDS TR. I.R. & C.I.R.		ISSUED FOR INSPECTION							
Southern Company Services, Inc. GEORGIA POWER COMPANY VOGTLE ELECTRIC GENERATING PLANT UNIT 1-LINE NO. 037 INSERVICE INSPECTION ISOMETRIC SAFETY INJECTION-SYSTEM 1204											
BY	CHKD	APPV	DATE	BY	CHKD	APPV	DATE	BY	CHKD	APPV	DATE
R.C.B.	G.L.C.	J.P.C.		B.G.	B.S.T.	C.L.A.		B.S.T.	B.G.	C.W.	
SHEET 1 OF 3			11204-037			2					

WELD OR WELD IDENTIFICATION NUMBER	WELD OR EQUIP. DESCRIP.	PART EXAMINED NO. 11	EXAM. REQUIRE. NO. 12	EXAMINATION METHOD AND ITEM NO.			
				VOL.	SURF.	VT1	VT2
11204-037-01							
W01	WELD						
W02	WELD						
W03	WELD						
W04	WELD						
W05	WELD						
W06	WELD						
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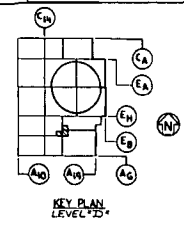


- LEGEND:**
- INDICATES FIELD WELD.
 - INDICATES SHOP WELD.
 - INDICATES INTERIORLY WELDED SUPPORT ATTACHMENT.
 - CONTAINMENT PENETRATION.
 - BRANCH CONNECTION WELD.
 - PIPE RESTRAINT.
 - INDICATES PIPE SUPPORT.

- REFERENCE DRAWINGS:**
- P & I D. 11420201
 FAB. ISO. 1143-1104-037-02/10
 PIPING LAYOUT DWG. 1144-1104-11, 101, 103, 104
 CIVIL/STRUCTURAL 1145-1104-037, 1073
 HANGER DETAIL DWG. 1146-1104-037-1020
 THRU HANGERS 1147-1104-037, 1073
 F-SHEETS 1148-1104-037, 1073, 1074, 1075, 1076, 1077, 1078, 1079, 1080, 1081, 1082, 1083, 1084, 1085, 1086, 1087, 1088, 1089, 1090, 1091, 1092, 1093, 1094, 1095, 1096, 1097, 1098, 1099, 1100, 1101, 1102, 1103, 1104, 1105, 1106, 1107, 1108, 1109, 1110, 1111, 1112, 1113, 1114, 1115, 1116, 1117, 1118, 1119, 1120, 1121, 1122, 1123, 1124, 1125, 1126, 1127, 1128, 1129, 1130, 1131, 1132, 1133, 1134, 1135, 1136, 1137, 1138, 1139, 1140, 1141, 1142, 1143, 1144, 1145, 1146, 1147, 1148, 1149, 1150, 1151, 1152, 1153, 1154, 1155, 1156, 1157, 1158, 1159, 1160, 1161, 1162, 1163, 1164, 1165, 1166, 1167, 1168, 1169, 1170, 1171, 1172, 1173, 1174, 1175, 1176, 1177, 1178, 1179, 1180, 1181, 1182, 1183, 1184, 1185, 1186, 1187, 1188, 1189, 1190, 1191, 1192, 1193, 1194, 1195, 1196, 1197, 1198, 1199, 1200, 1201, 1202, 1203, 1204, 1205, 1206, 1207, 1208, 1209, 1210, 1211, 1212, 1213, 1214, 1215, 1216, 1217, 1218, 1219, 1220, 1221, 1222, 1223, 1224, 1225, 1226, 1227, 1228, 1229, 1230, 1231, 1232, 1233, 1234, 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BEO-H0211-151

LINE NUMBER	CLASS	PIPE	LINE	PIPE	WALL	MATL	DESIGN	DESIGN	OPER.	OPER.	INSUL.
		PROJ.	SIZE	SCHED.	THICK.	TYPE	PRESS.	TEMP.	PRESS.	TEMP.	THICK.
11E04-038	E	E1E	LL1	14"	STD	315	150	150	65	120	N/A
11E04-038	E	E1E	LL1	10"	405	365	150	150	65	120	N/A



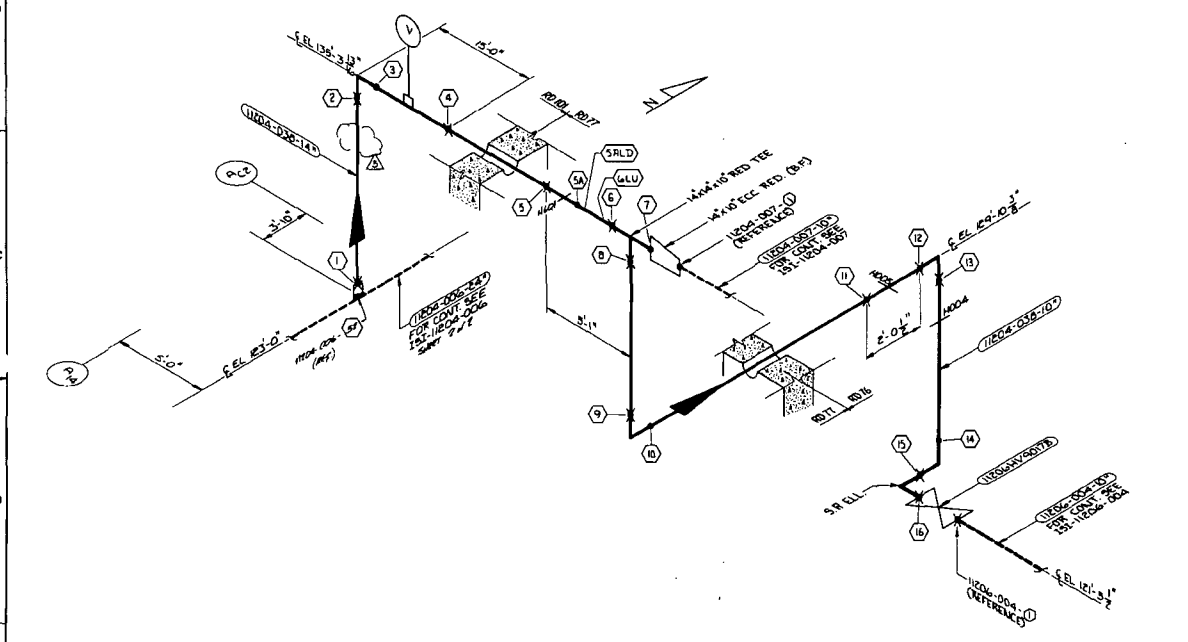
- LEGEND:**
- INDICATES FIELD WELD
 - INDICATES SHOP WELD
 - INDICATES INTERGRALLY WELDED SUPPORT ATTACHMENT
 - CONTAINMENT PENETRATION
 - BRANCH CONNECTION WELD
 - PIPE RESTRAINT
 - INDICATES PIPE SUPPORT

REFERENCE DRAWINGS:

P & I D 11E04-038-01/11
 FRD 150 11E04-038-01/11

PIPELINE LAYOUT DWG 11E04-038-01/11
 CIVIL/STRUCTURAL AXONOMETRIC FOR HANGERS DET. DWG 11E04-038-1004, 1005, 1015, 1021
 F-SHEETS F-199, F04, F05, F06

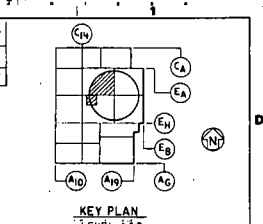
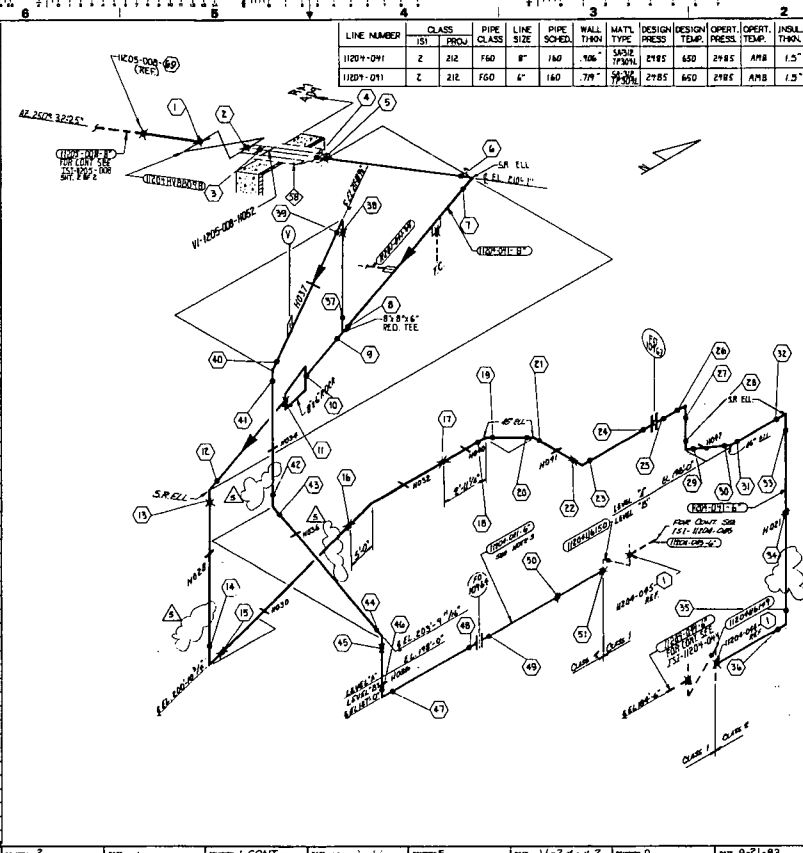
- NOTES:**
- SEE IS1 PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX40001 APPENDIX D. (U.N.D.)



Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT UNIT 1 - LINE NO. 038 INSERVICE INSPECTION ISOMETRIC SAFETY INJECTION - SYSTEM 1204	
ISSUED FOR INSPECTION	151-1204-038 3

REV.	DATE	DESCRIPTION	BY	CHKD.
1	5/21/91	DELETED HANGER 105 HANGER 11-104	NLM	GLB
2	5/22/92	GENERAL REVISION TO CORRECT CHANGING PIP 151	GLB	GLB
3	6/10/94	RISED LONG SEAM WELDS NO	GLB	GLB
4	11/17/97	ISSUED FOR INSPECTION	GLB	GLB

EQUIPMENT OR WELD IDENTIFICATION NUMBER	WELD OR EQUIP. DESCR.	PART EXAMINED (SEE NOTE NO. 1)	EXAM. REQUIREMENT FIG.	EXAMINATION METHOD AND ITEM NO.					
				VOL.	SURF.	VT1	VT2	VT3	VT4
11204-041	GATE WELD	PRESS. RET. TEND.				11.80	11.81		
11204-041-001	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-002	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-003	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-004	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-005	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-006	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-007	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-008	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-009	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-010	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-011	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-012	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-013	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-014	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-015	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-016	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-017	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-018	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-019	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-020	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-021	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-022	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-023	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-024	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-025	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-026	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-027	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-028	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-029	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-030	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-031	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-032	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-033	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-034	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-035	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-036	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-037	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-038	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-039	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-040	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-041	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-042	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-043	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-044	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-045	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-046	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-047	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-048	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-049	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-050	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-051	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-052	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-053	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-054	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-055	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-056	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-057	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-058	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-059	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-060	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-061	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-062	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-063	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-064	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-065	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-066	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-067	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-068	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-069	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-070	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-071	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-072	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-073	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-074	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-075	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-076	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-077	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-078	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-079	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-080	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-081	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-082	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-083	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-084	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-085	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-086	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-087	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-088	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-089	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-090	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-091	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-092	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-093	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-094	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-095	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-096	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-097	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-098	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-099	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50
11204-041-100	PIPE	CONCRETE SUPPORT	11NF-1300-1			11.80	11.81		F3.50



- LEGEND:**
1. [Symbol] INDICATES FIELD WELD.
 2. [Symbol] INDICATES SHOP WELD.
 3. [Symbol] INDICATES INTERGRALLY WELDED SUPPORT ATTACHMENT.
 4. [Symbol] CONTAINMENT PENETRATION.
 5. [Symbol] BRANCH CONNECTION WELD.
 6. [Symbol] PIPE RESTRAINT.
 7. [Symbol] INDICATES PIPE SUPPORT.

- REFERENCE DRAWINGS:**
- P&ID _____ IX40B21
 - FAB ISO _____ IX4-1204-041-02/11/15
 - _____ IX4-1204-041-03/15
 - _____ IX4-1204-041-04/15
 - PIPING LAYOUT DWG _____ IX4DL3001, 4004
 - CIVIL/STRUCTURAL _____ HCO4 & HCO5
 - _____ IX2048F002, F006
 - _____ AX2008009
 - HANGER DETAIL DWG _____ VI-204-041-020, 21
 - _____ 27 THRU 32, 34 THRU
 - _____ 38, 40, 42, 44, 46, 48, 50
 - F-SHEETS _____ F-12961, 63, 64, F-599
 - _____ F-11048, F-12559
 - CONT. PENETRATION DESIGN LIST _____ IX4DL413 & 414

- NOTES:**
1. SEE IS1 PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 2. FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX40R01 APPENDIX D. (U.N.D)
 3. *File Number: Birmahan M004 #9851/1*
 INCLUDED WITH IT OF NUCLEAR INSPECTION MATERIAL.

REVISION	DATE	DESCRIPTION
1	11-28-87	GENERAL CHANGE TO UPDATE DRAWING FOR IS1.
2	11-14-87	ADDED REF WELD NOS 1 & 60 CHANGED EL. 20'10" TO 20'24" ADDED HOS2 REVISED REFERENCES REMOVED HOS3
3		ADDED NEW WELD NOS FRANKED FROM CLASS 1 TO 2 REVISED REFERENCES MOVED HANGER, HOS1 REVISED ROOM NUMBER REVISED DIMENSION
4	11-9-87	WAS 7-3 1/2"
5		REMOVED HANGERS HOS1, HOS4, HOS7 AND HOS3 PER P&R 12-005
6	9-21-83	ISSUED FOR INSPECTION

Southern Company Services, Inc.
GEORGIA POWER COMPANY

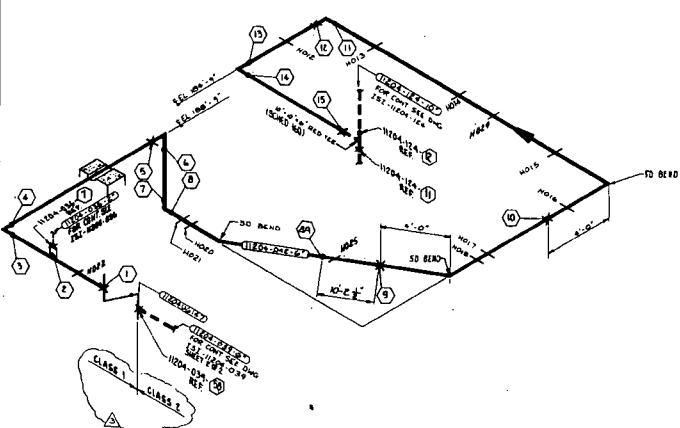
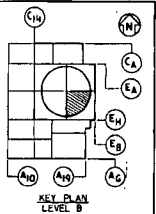
**VOGTLE ELECTRIC GENERATING PLANT
 UNIT 1 - LINE NO 041
 INSERVICE INSPECTION ISOMETRIC
 SAFETY INJECTION SYSTEM 1204**

SCALE: FT. INCHES
 1" = 10'-0"

NO. 151-4204-041 5

EQUIPMENT OR WELD IDENTIFICATION NO.	WELD OR EQUIP. DESCRIP.	PART NO. & QUANTITY	EXAM. PROCEDURE	EXAMINATION METHOD AND ITEM NO.			
				VOL.	SURF.	VT1	VT2	VT3	VT4
11204-042
11204-042-101
11204-042-102
11204-042-103
11204-042-104
11204-042-105
11204-042-106
11204-042-107
11204-042-108
11204-042-109
11204-042-110
11204-042-111
11204-042-112
11204-042-113
11204-042-114
11204-042-115
11204-042-116
11204-042-117
11204-042-118
11204-042-119
11204-042-120

LINE NUMBER	CLASS		PIPE CLASS	PIPE SIZE	PIPE SCHED.	WALL THKN.	MATERIAL	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THKN.
	1ST	PROJ.										
11204-042	I	III	FGO	6"	160	3.9	SA-312 TP-304	2405	650	2405	AMB	1.8"



- LEGEND:**
- 1 ■ INDICATES FIELD WELD
 - 2 ■ INDICATES SHOP WELD
 - 3 ■ INDICATES INTEGRALLY WELDED SUPPORT ATTACHMENT
 - 4 ■ INDICATES BRANCH CONNECTION WELD
 - 5 - INDICATES PIPE SUPPORT

- REFERENCE DRAWINGS:**
- P & ID: 11204-042-01/02
 - FAB ISO: 11204-042-01/02
 - PIPING LAYOUT DWG: 11204-042-03
 - CIVIL/STRUCTURAL: 11204-042-04
 - HANGER DETAIL DWG: 11204-042-05, 11204-042-06, 11204-042-07, 11204-042-08, 11204-042-09, 11204-042-10, 11204-042-11, 11204-042-12, 11204-042-13, 11204-042-14, 11204-042-15, 11204-042-16, 11204-042-17, 11204-042-18, 11204-042-19, 11204-042-20
 - F-SHEETS: F-11200 THRU F-11204

- NOTES:**
1. SEE 1ST PLAN FOR SELECTION AND FREQUENCY OF EXAMINATION.
 2. FOR PIPE WELD END PREP. SEE BECHTEL DWG. AND/POD: APPENDIX D.(UNG)

REVISION	DATE	BY	CHKD	APP'D	DESCRIPTION
0	4-9-84				ISSUED FOR INSPECTION
1	5-17-87				GENERAL REVISION TO UPDATE DRAWING FOR ISI
2	11-16-85				ADDED REF WELD NOS 7, 11, 12 & 50
3	3-19-85				ADDED NEW WELD NO'S ADDED WELD 04H REVISED REFERENCE'S REVISED REFERENCE WELD REVISED NOTES

Southern Company Services, Inc.
Georgia Power Company

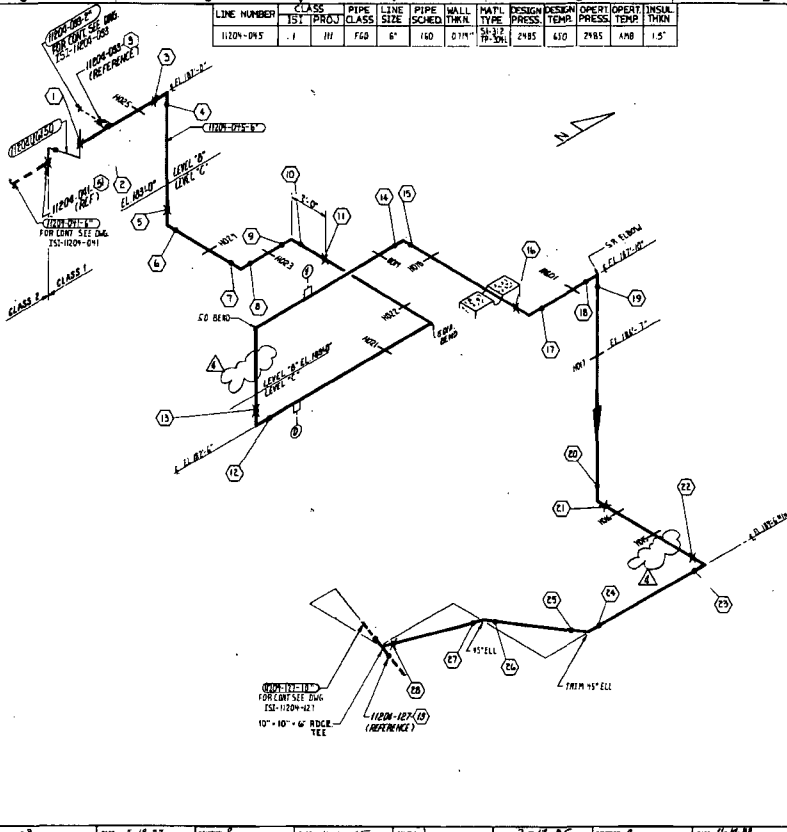
VOGTE ELECTRIC GENERATING PLANT
UNIT 1-LINE NO. 042
INSERVICE INSPECTION ISOMETRIC
SAFETY INJECTION-SYSTEM 1204

SCALE: PT 1/8" = 1'-0"
BY: BSG
DATE: 11-16-85
PROJECT: 11204-042

NO.	DATE	BY	CHKD	APP'D	DESCRIPTION
1	11-16-85				ISSUED FOR INSPECTION
2	5-17-87				GENERAL REVISION TO UPDATE DRAWING FOR ISI
3	11-16-85				ADDED REF WELD NOS 7, 11, 12 & 50
4	3-19-85				ADDED NEW WELD NO'S ADDED WELD 04H REVISED REFERENCE'S REVISED REFERENCE WELD REVISED NOTES

LINE NUMBER	CLASS	PIPE PROJ	PIPE CLASS	PIPE SIZE	PIPE WALL THICK	PIPE WALL TYPE	DESIGN PRESS	DESIGN TEMP	OPER PRESS	OPER TEMP	INSUL THICK
11204-045	1	III	F60	6"	160	0.114"	2485	430	2485	400	1.5"

EQUIPMENT OR WELD IDENTIFICATION	WELD OR EQUIP DESCRIP	PART DRAWING NO	EXAM REQUIREMENT FIG	EXAMINATION METHOD AND ITEM NO.							
				VOL	SURF	VT1	VT2	VT3	VT4		
11204-045	CREV R.F.T	11204-045	1			RT	RT				
11204-045-1015	WELD	11204-045	1			RT	RT				
11204-045-1016	WELD	11204-045	1			RT	RT				
11204-045-1017	WELD	11204-045	1			RT	RT				
11204-045-1018	WELD	11204-045	1			RT	RT				
11204-045-1019	WELD	11204-045	1			RT	RT				
11204-045-1020	WELD	11204-045	1			RT	RT				
11204-045-1021	WELD	11204-045	1			RT	RT				
11204-045-1022	WELD	11204-045	1			RT	RT				
11204-045-1023	WELD	11204-045	1			RT	RT				
11204-045-1024	WELD	11204-045	1			RT	RT				
11204-045-1025	WELD	11204-045	1			RT	RT				
11204-045-1026	WELD	11204-045	1			RT	RT				
11204-045-1027	WELD	11204-045	1			RT	RT				
11204-045-1028	WELD	11204-045	1			RT	RT				
11204-045-1029	WELD	11204-045	1			RT	RT				
11204-045-1030	WELD	11204-045	1			RT	RT				
11204-045-1031	WELD	11204-045	1			RT	RT				
11204-045-1032	WELD	11204-045	1			RT	RT				
11204-045-1033	WELD	11204-045	1			RT	RT				
11204-045-1034	WELD	11204-045	1			RT	RT				
11204-045-1035	WELD	11204-045	1			RT	RT				
11204-045-1036	WELD	11204-045	1			RT	RT				
11204-045-1037	WELD	11204-045	1			RT	RT				
11204-045-1038	WELD	11204-045	1			RT	RT				
11204-045-1039	WELD	11204-045	1			RT	RT				
11204-045-1040	WELD	11204-045	1			RT	RT				
11204-045-1041	WELD	11204-045	1			RT	RT				
11204-045-1042	WELD	11204-045	1			RT	RT				
11204-045-1043	WELD	11204-045	1			RT	RT				
11204-045-1044	WELD	11204-045	1			RT	RT				
11204-045-1045	WELD	11204-045	1			RT	RT				
11204-045-1046	WELD	11204-045	1			RT	RT				
11204-045-1047	WELD	11204-045	1			RT	RT				
11204-045-1048	WELD	11204-045	1			RT	RT				
11204-045-1049	WELD	11204-045	1			RT	RT				
11204-045-1050	WELD	11204-045	1			RT	RT				
11204-045-1051	WELD	11204-045	1			RT	RT				
11204-045-1052	WELD	11204-045	1			RT	RT				
11204-045-1053	WELD	11204-045	1			RT	RT				
11204-045-1054	WELD	11204-045	1			RT	RT				
11204-045-1055	WELD	11204-045	1			RT	RT				
11204-045-1056	WELD	11204-045	1			RT	RT				
11204-045-1057	WELD	11204-045	1			RT	RT				
11204-045-1058	WELD	11204-045	1			RT	RT				
11204-045-1059	WELD	11204-045	1			RT	RT				
11204-045-1060	WELD	11204-045	1			RT	RT				
11204-045-1061	WELD	11204-045	1			RT	RT				
11204-045-1062	WELD	11204-045	1			RT	RT				
11204-045-1063	WELD	11204-045	1			RT	RT				
11204-045-1064	WELD	11204-045	1			RT	RT				
11204-045-1065	WELD	11204-045	1			RT	RT				
11204-045-1066	WELD	11204-045	1			RT	RT				
11204-045-1067	WELD	11204-045	1			RT	RT				
11204-045-1068	WELD	11204-045	1			RT	RT				
11204-045-1069	WELD	11204-045	1			RT	RT				
11204-045-1070	WELD	11204-045	1			RT	RT				
11204-045-1071	WELD	11204-045	1			RT	RT				
11204-045-1072	WELD	11204-045	1			RT	RT				
11204-045-1073	WELD	11204-045	1			RT	RT				
11204-045-1074	WELD	11204-045	1			RT	RT				
11204-045-1075	WELD	11204-045	1			RT	RT				
11204-045-1076	WELD	11204-045	1			RT	RT				
11204-045-1077	WELD	11204-045	1			RT	RT				
11204-045-1078	WELD	11204-045	1			RT	RT				
11204-045-1079	WELD	11204-045	1			RT	RT				
11204-045-1080	WELD	11204-045	1			RT	RT				
11204-045-1081	WELD	11204-045	1			RT	RT				
11204-045-1082	WELD	11204-045	1			RT	RT				
11204-045-1083	WELD	11204-045	1			RT	RT				
11204-045-1084	WELD	11204-045	1			RT	RT				
11204-045-1085	WELD	11204-045	1			RT	RT				
11204-045-1086	WELD	11204-045	1			RT	RT				
11204-045-1087	WELD	11204-045	1			RT	RT				
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11204-045-1089	WELD	11204-045	1			RT	RT				
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11204-045-1092	WELD	11204-045	1			RT	RT				
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11204-045-1095	WELD	11204-045	1			RT	RT				
11204-045-1096	WELD	11204-045	1			RT	RT				
11204-045-1097	WELD	11204-045	1			RT	RT				
11204-045-1098	WELD	11204-045	1			RT	RT				
11204-045-1099	WELD	11204-045	1			RT	RT				
11204-045-1100	WELD	11204-045	1			RT	RT				



KEY PLAN LEVEL 'B' CC'

LEGEND:
 1. INDICATES FIELD WELD.
 2. INDICATES INTEGRALLY WELDED SUPPORT ATTACHMENT.
 3. INDICATES SHOP WELD.
 4. BRANCH CONNECTION WELD.
 5. PIPE SUPPORT.

REFERENCE DRAWINGS:
 P & ID: 11204-045-01/18
 FAB. ISD: 11204-045-01/18
 PIPING LAYOUT DWG: 11204-045-01/18
 CIVIL/STRUCTURAL: 11204-045-01/18
 HANGER DETAIL DWG: 11204-045-01/18
 THRU HOLES, HANGERS

F. SHEETS: 11204-045-01/18 THRU 04

NOTES:
 1. SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 2. FOR PIPE WELD END PREP SEE BECHTEL DWG AND/OR APPENDIX D (UNO.)

REVISION	DATE	DESCRIPTION
1	11-26-92	REMOVED HANGER 1020 AND 1026 PER AC 11-002
2	5-17-97	GENERAL REVISION TO UPDATE DRAWING FOR ISI
3	11-27-97	ADDED REF WELD NO'S 8 & 18 REMOVED HANGER 1021 & 1028
4	5-17-05	ADDED NEW WELD NO'S
5	11-14-05	ISSUED FOR INSPECTION

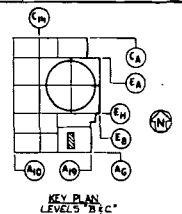
Southern Company Services, Inc.
 Georgia Power Company

VOGTLE ELECTRIC GENERATING PLANT
 UNIT 1 - LINE NO. 045
 INSERVICE INSPECTION ISOMETRIC
 SAFETY INJECTION SYSTEM 1204

NO. 11204-045 14

150-H204-151

LINE NUMBER	CLASS	PIPE CLASS	PIPE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	WELL THROU.
11204-057	Z	E1E	FOO	4"	40	SA-312 TP304L	2735	250	2735	130	N/A
11204-057	Z	E1E	FOO	3"	40	SA-312 TP304L	2735	250	2735	115	N/A

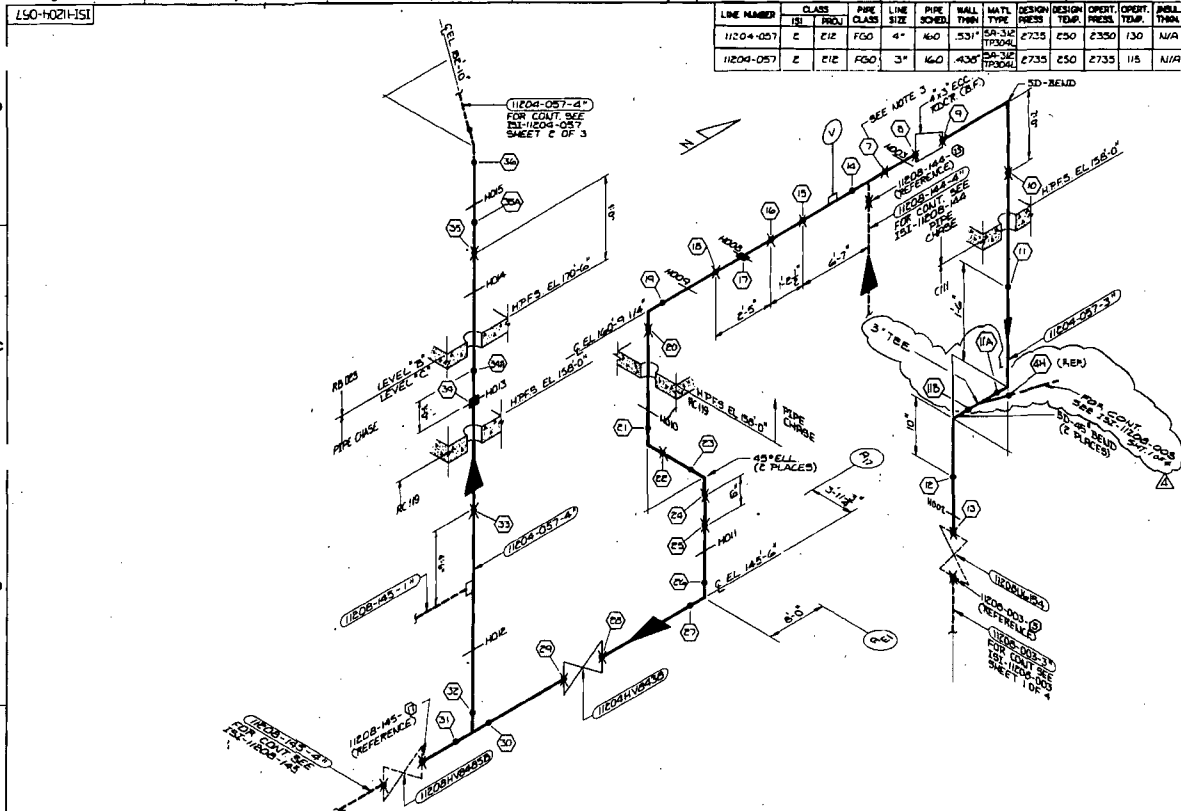


- LEGEND:**
- INDICATES FIELD WELD.
 - INDICATES SHOP WELD.
 - INDICATES INTERIALLY WELDED SUPPORT ATTACHMENT.
 - CONTAINMENT PENETRATION.
 - BRANCH CONNECTION WELD.
 - PIPE RESTRAINT.
 - INDICATES PIPE SUPPORT.

REFERENCE DRAWINGS:

P&I D.-----1X420B14-1, 114-2
 FAB. TSO-----1X3-1204-057-02/04
 PIPING LAYOUT TSO-----1X4DL3H03, H05-1
 CIVIL/STRUCTURAL-----1X420B0202B
 HANGER DET. DWG-----1X4204-057-H00C, H03, H000 THRU H013
 F-SHEETS-----F-3023, 9587, 9588, 9590, 9591, 10416, 1584

- NOTES:**
- SEE IS1 PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - FOR PIPE WELD END PIER, SEE BECHTEL DWG. AX4DR001 APPENDIX D. (U.N.O.)
 - FOR WELD NO. 5, 1 THRU 6, SEE IS1-11204-057 SHEET 3 OF 3



NO.	DATE	BY	CHKD.	DESCRIPTION
1	04-10-2001	WS	W/C	REVISED PER DEPART-110058
2	3-28-87	REB	GLD	GENERAL REVISION TO UPDATE DRAWING FOR IS1
3	2-11-84	BKG	W/S	RODDED WELD 549 AND 35A.
4	1-1-83	W/S	W/C	CHANGED CAL. BK. NO.
5	7-7-83	BST	BKG	ISSUED FOR INSPECTION

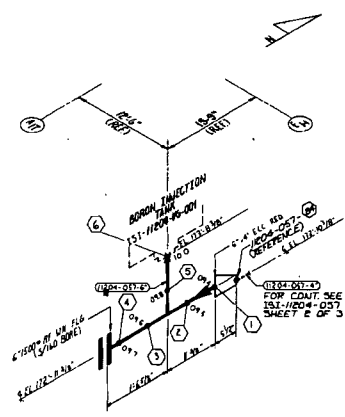
Southern Company Services, Inc.
 Georgia Power Company
 VOGTLE ELECTRIC GENERATING PLANT
 UNIT 1-LINE NO. 057
 INSERVICE INSPECTION ISOMETRIC
 SAFETY INJECTION-SYSTEM 1204

CVD
 BSG
 BSG
 NONE

SHEET 5
 151204-057 4

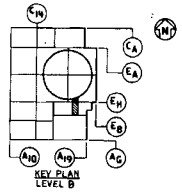
EQUIPMENT OR WELD IDENTIFICATION NO.	WELD OR COMB. DESCRIP.	PART NO. & EXAM. NOTE	EXAM. REQUIREMENT FIG.	EXAMINATION METHOD AND ITEM NO.				
				SURF VOL.	VT1	VT2	VT3	VT4
11204-057-001	SW	6" DIA. WELD	11204-057-001	CE2	CE3	—	—	—
W015								
W016								
W017								
W018								
W019								
W020								

LINE NUMBER	CLASS	PIPE CLASS	LINE SIZE	PIPE SCHED.	WALL THK.	MAT. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL.
11204-057	R	2-2	6"0	6"	160	719	151-312 TP-304L	2350	2350	130	N/A



- LEGEND:**
 1 W INDICATES FIELD WELD
 2 * INDICATES SHOP WELD
- REFERENCE DRAWINGS:**
 P & ID. ----- JY408119
 FAB ISO ----- JY3-204-057-01
- PIPING LAYOUT DWG ----- LYNOL7606
 CIVIL/STRUCTURAL ----- AX2080407 & AX4080409
 F-SHEETS ----- F-43991
 BORON INJ. TANK ----- WESTINGHOUSE DWG SHEET
 ISI CLASSIFICATION DWG. ISI-D-004
 6" CAL BLOCK ----- ISI-D-104A

- NOTES:**
 1. SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS
 2. FOR PIPE WELD DO PRES. SEE BECHTEL DWG. AX408041 APPENDIX D (CND)



REVISION	DATE	DESCRIPTION
REVISION B	DATE 11-18-83	CHANGED DESIGN TEMP & OPER. PRESS.
REVISION C	DATE 9-26-85	DRAWING IS NOW SHEET 3 OF 3 ADDED CONTINUATION NOTE AND REFERENCE WELD
REVISION 1	DATE 4-1-85	ADDED NEW WELD NOS. REVISED REFERENCES & KEY PLAN REVISED DWG CONTINUATION
REVISION D	DATE 8-2-88	ISSUED FOR INSPECTION

Southern Company Services, Inc.
 Georgia Power Company

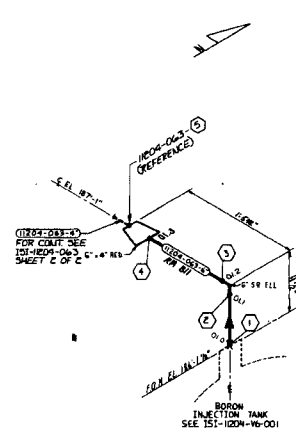
VOGTE ELECTRIC GENERATING PLANT
 UNIT 1 - LINE NO. 057
 INSERVICE INSPECTION ISOMETRIC
 SAFETY INJECTION SYSTEM-1204

DESIGNED BY	DATE	REVISION	DATE
W.S. CUB		1	11-18-83
W.S. CUB		2	9-26-85
W.S. CUB		3	4-1-85
W.S. CUB		4	8-2-88

EQUIPMENT OR WELD IDENTIFICATION NO.	WELD OR EQUIP. DESCRIP.	PART NO. 1)	EXAM. REQUIREMENT #	EXAMINATION METHOD AND ITEM NO.				CLASS	PIPE SIZE	PIPE SCHED.	WALL THICK.	MATERIAL	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THIN.	
				VOL.	SURF.	VT1	VT2											VT3	VT4
1204-043-W-0	BN	CIRC. WELD	INS-100-0	CS 21	CS 21	CS 21	CS 21	2	2E	700	6"	7.7	77.30K	27.33	300	27.33	77.3	N/A

REVISION	DATE	BY	DESCRIPTION
5	11-18-85	W.S.C-B	CHANGED OPER. TEMP.
4	9-26-85	BST	DRAINAGE IS NOW SHEET 1 OF 2 ADDED CONTAMINATION NOTE AND REFERENCE WELD
1	3-30-85	W.S.C-L	ADDED NEW WELD NO'S REVISED REFERENCES & NOTES REVISED INSULATION THICK. ADDED ROOM NUMBER
0	10-27-84	ARC	ISSUED FOR INSPECTION

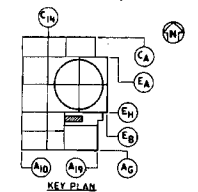
Southern Company Services, Inc.																																																			
Georgia Power Company																																																			
VOGTE ELECTRIC GENERATING PLANT UNIT I - LINE NO. 063 INSERVICE INSPECTION ISOMETRIC SAFETY INJECTION SYSTEM 1204																																																			
<table border="1"> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> </tr> <tr> <td>1</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td></td> <td></td> <td></td> </tr> <tr> <td>5</td> <td></td> <td></td> <td></td> </tr> <tr> <td>6</td> <td></td> <td></td> <td></td> </tr> <tr> <td>7</td> <td></td> <td></td> <td></td> </tr> <tr> <td>8</td> <td></td> <td></td> <td></td> </tr> </table>																NO.	DATE	BY	DESCRIPTION	1				2				3				4				5				6				7				8			
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LEGEND:
 1. INDICATES FIELD WELD.
 2. INDICATES INTEGRALLY WELDED SUPPORT ATTACHMENT.
 3. INDICATES SHOP WELD.

REFERENCE DRAWINGS:
 P & ID. _____ IS-104BIR
 FAB ISO _____ IS-1204-043-02
 6" CAL. BLOCK DWS _____ IS-1-D-304A
 PIPING LAYOUT DWS _____ IS-1204G05
 CIVIL/STRUCTURAL _____ AX200B057
 F-SHEET _____ F-10080
 ISI CLASSIFICATION DWG. IS-1-D-044

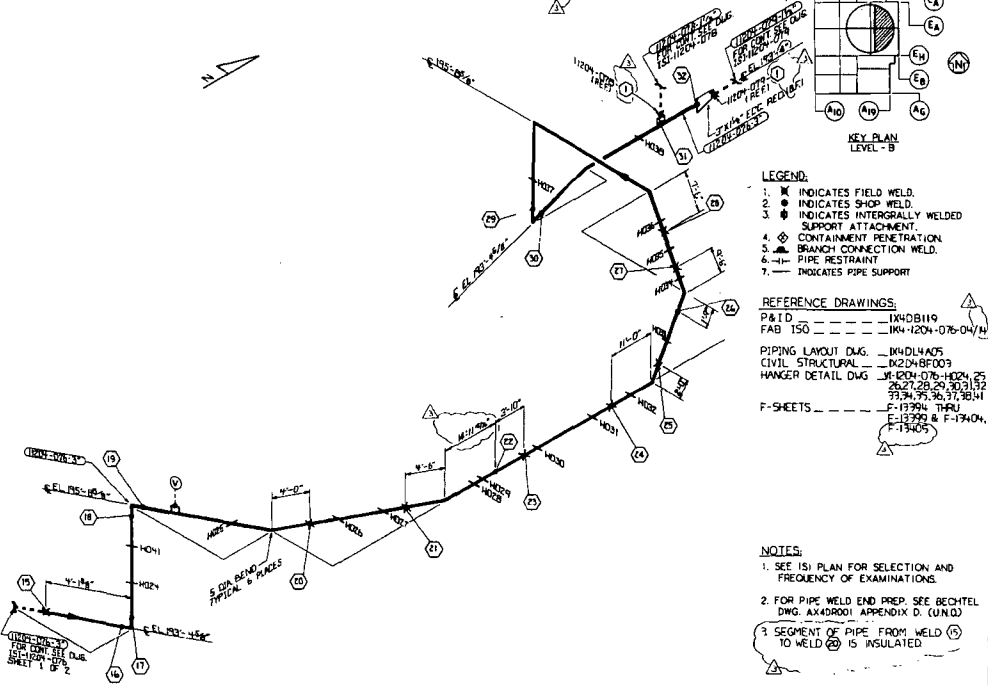
NOTES:
 1. SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 2. FOR PIPE WELD END PREP SEE BECHTEL DWG. AX400D01 APPENDIX D.(GND.)



Southern Company Services, Inc.																																																			
Georgia Power Company																																																			
VOGTE ELECTRIC GENERATING PLANT UNIT I - LINE NO. 063 INSERVICE INSPECTION ISOMETRIC SAFETY INJECTION SYSTEM 1204																																																			
<table border="1"> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> </tr> <tr> <td>1</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td></td> <td></td> <td></td> </tr> <tr> <td>5</td> <td></td> <td></td> <td></td> </tr> <tr> <td>6</td> <td></td> <td></td> <td></td> </tr> <tr> <td>7</td> <td></td> <td></td> <td></td> </tr> <tr> <td>8</td> <td></td> <td></td> <td></td> </tr> </table>																NO.	DATE	BY	DESCRIPTION	1				2				3				4				5				6				7				8			
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EQUIPMENT OR WELD IDENTIFICATION NUMBER	WELD OR EQUIP. DESIGN.	PART EXAMINED (SEE NOTE NO. 1)	EXAM. REQUIREMENT FILE	EXAMINATION METHOD AND ITEM NO.							
				VOL.	SURF.	V11	V12	V13	V14		
11204-076-1021	WELD	WELD	11204-076-1021								

LINE NUMBER	CLASS	PIPE CLASS	LINE SIZE	PIPE SCHED.	WALL THIN	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSTR. THIN.
11204-076	1	111	F60	3"	160	304L	2735	300	2735	115	PARTIAL



- LEGEND:**
- INDICATES FIELD WELD.
 - INDICATES SHOP WELD.
 - INDICATES INTERGALLY WELDED SUPPORT ATTACHMENT.
 - CONTAINMENT PENETRATION.
 - BRANCH CONNECTION WELD.
 - PIPE RESTRAINT.
 - INDICATES PIPE SUPPORT.

- REFERENCE DRAWINGS:**
- P&ID ----- 11408119
 - P&ID 150 ----- 1141204-076-04/H
 - PIPING LAYOUT Dwg. ----- 11404405
 - CIVIL STRUCTURAL ----- 02248F003
 - HANGER DETAIL Dwg. ----- 11204-076-H204-25
 - F-SHEETS ----- F-13394 THRU F-13405

- NOTES:**
- SEE IS1 PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX48001 APPENDIX D. (UN.D)
 - SEGMENT OF PIPE FROM WELD (15) TO WELD (20) IS INSULATED.

Southern Company Services, Inc.	
GEORGIA POWER COMPANY	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 1-LINE NO. 076	
INSERVICE INSPECTION ISOMETRIC	
SAFETY INJECTION SYSTEM 1204	

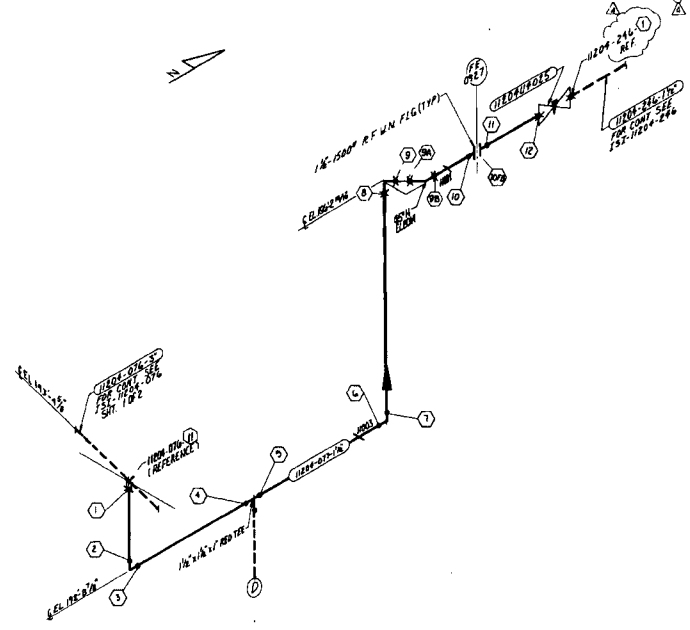
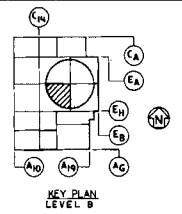
REVISION	DATE	DESCRIPTION
3	5-19-87	GENERAL REVISION TO UPDATE DRAWING FOR IS1
2	5-19-85	ADDED NEW WELD NUMBERS REVISED LEGEND & REFERENCES 2" 3/8" WBS F-9 13/16" 18" 3" WBS 13/16" 21" WBS 4" CHANGED ITEM NUMBERS ON W027, W029, AND W030
1	12-7-84	CHANGED REF. WELD NUMBER ON LINE 076 AND 077 3" 3/8" WBS 4" 21" WBS 4" MOVED ADEG 2" UP
0	10-6-89	ISSUED FOR INSPECTION

NO.	DATE	BY	CHKD.	APP'D.	STATUS
1	10-6-89	W.S.	C.U.B.		ISSUED FOR INSPECTION
2	5-19-85	W.S.	C.U.B.		REVISED LEGEND & REFERENCES
3	5-19-87	W.S.	C.U.B.		GENERAL REVISION TO UPDATE DRAWING FOR IS1

NO.	DATE	BY	CHKD.	APP'D.	STATUS
1	10-6-89	W.S.	C.U.B.		ISSUED FOR INSPECTION
2	5-19-85	W.S.	C.U.B.		REVISED LEGEND & REFERENCES
3	5-19-87	W.S.	C.U.B.		GENERAL REVISION TO UPDATE DRAWING FOR IS1

EQUIPMENT OR WELD IDENTIFICATION NUMBER	WELD OR EQUIP. DESCRIP.	PART EXAMINED (SEE NOTE NO. 1)	EXAM. METHOD FIG.	EXAMINATION METHOD AND ITEM NO.			
				VOL.	SURF.	VT1	VT2	VT3	VT4
11204-077	WELDED	WELDED	VT				
VI-1204-077-001	WELDED	WELDED	VT				
VI-1204-077-002	WELDED	WELDED	VT				
VI-1204-077-003	WELDED	WELDED	VT				
VI-1204-077-004	WELDED	WELDED	VT				
VI-1204-077-005	WELDED	WELDED	VT				
VI-1204-077-006	WELDED	WELDED	VT				
VI-1204-077-007	WELDED	WELDED	VT				
VI-1204-077-008	WELDED	WELDED	VT				
VI-1204-077-009	WELDED	WELDED	VT				
VI-1204-077-010	WELDED	WELDED	VT				
VI-1204-077-011	WELDED	WELDED	VT				
VI-1204-077-012	WELDED	WELDED	VT				
VI-1204-077-013	WELDED	WELDED	VT				
VI-1204-077-014	WELDED	WELDED	VT				
VI-1204-077-015	WELDED	WELDED	VT				
VI-1204-077-016	WELDED	WELDED	VT				
VI-1204-077-017	WELDED	WELDED	VT				
VI-1204-077-018	WELDED	WELDED	VT				
VI-1204-077-019	WELDED	WELDED	VT				
VI-1204-077-020	WELDED	WELDED	VT				
VI-1204-077-021	WELDED	WELDED	VT				
VI-1204-077-022	WELDED	WELDED	VT				
VI-1204-077-023	WELDED	WELDED	VT				
VI-1204-077-024	WELDED	WELDED	VT				
VI-1204-077-025	WELDED	WELDED	VT				
VI-1204-077-026	WELDED	WELDED	VT				
VI-1204-077-027	WELDED	WELDED	VT				
VI-1204-077-028	WELDED	WELDED	VT				
VI-1204-077-029	WELDED	WELDED	VT				
VI-1204-077-030	WELDED	WELDED	VT				
VI-1204-077-031	WELDED	WELDED	VT				
VI-1204-077-032	WELDED	WELDED	VT				
VI-1204-077-033	WELDED	WELDED	VT				
VI-1204-077-034	WELDED	WELDED	VT				
VI-1204-077-035	WELDED	WELDED	VT				
VI-1204-077-036	WELDED	WELDED	VT				
VI-1204-077-037	WELDED	WELDED	VT				
VI-1204-077-038	WELDED	WELDED	VT				
VI-1204-077-039	WELDED	WELDED	VT				
VI-1204-077-040	WELDED	WELDED	VT				
VI-1204-077-041	WELDED	WELDED	VT				
VI-1204-077-042	WELDED	WELDED	VT				
VI-1204-077-043	WELDED	WELDED	VT				
VI-1204-077-044	WELDED	WELDED	VT				
VI-1204-077-045	WELDED	WELDED	VT				
VI-1204-077-046	WELDED	WELDED	VT				
VI-1204-077-047	WELDED	WELDED	VT				
VI-1204-077-048	WELDED	WELDED	VT				
VI-1204-077-049	WELDED	WELDED	VT				
VI-1204-077-050	WELDED	WELDED	VT				
VI-1204-077-051	WELDED	WELDED	VT				
VI-1204-077-052	WELDED	WELDED	VT				
VI-1204-077-053	WELDED	WELDED	VT				
VI-1204-077-054	WELDED	WELDED	VT				
VI-1204-077-055	WELDED	WELDED	VT				
VI-1204-077-056	WELDED	WELDED	VT				
VI-1204-077-057	WELDED	WELDED	VT				
VI-1204-077-058	WELDED	WELDED	VT				
VI-1204-077-059	WELDED	WELDED	VT				
VI-1204-077-060	WELDED	WELDED	VT				
VI-1204-077-061	WELDED	WELDED	VT				
VI-1204-077-062	WELDED	WELDED	VT				
VI-1204-077-063	WELDED	WELDED	VT				
VI-1204-077-064	WELDED	WELDED	VT				
VI-1204-077-065	WELDED	WELDED	VT				
VI-1204-077-066	WELDED	WELDED	VT				
VI-1204-077-067	WELDED	WELDED	VT				
VI-1204-077-068	WELDED	WELDED	VT				
VI-1204-077-069	WELDED	WELDED	VT				
VI-1204-077-070	WELDED	WELDED	VT				
VI-1204-077-071	WELDED	WELDED	VT				
VI-1204-077-072	WELDED	WELDED	VT				
VI-1204-077-073	WELDED	WELDED	VT				
VI-1204-077-074	WELDED	WELDED	VT				
VI-1204-077-075	WELDED	WELDED	VT				
VI-1204-077-076	WELDED	WELDED	VT				
VI-1204-077-077	WELDED	WELDED	VT				
VI-1204-077-078	WELDED	WELDED	VT				
VI-1204-077-079	WELDED	WELDED	VT				
VI-1204-077-080	WELDED	WELDED	VT				
VI-1204-077-081	WELDED	WELDED	VT				
VI-1204-077-082	WELDED	WELDED	VT				
VI-1204-077-083	WELDED	WELDED	VT				
VI-1204-077-084	WELDED	WELDED	VT				
VI-1204-077-085	WELDED	WELDED	VT				
VI-1204-077-086	WELDED	WELDED	VT				
VI-1204-077-087	WELDED	WELDED	VT				
VI-1204-077-088	WELDED	WELDED	VT				
VI-1204-077-089	WELDED	WELDED	VT				
VI-1204-077-090	WELDED	WELDED	VT				
VI-1204-077-091	WELDED	WELDED	VT				
VI-1204-077-092	WELDED	WELDED	VT				
VI-1204-077-093	WELDED	WELDED	VT				
VI-1204-077-094	WELDED	WELDED	VT				
VI-1204-077-095	WELDED	WELDED	VT				
VI-1204-077-096	WELDED	WELDED	VT				
VI-1204-077-097	WELDED	WELDED	VT				
VI-1204-077-098	WELDED	WELDED	VT				
VI-1204-077-099	WELDED	WELDED	VT				
VI-1204-077-100	WELDED	WELDED	VT				

LINE NUMBER	CLASS	PIPE LINE	PIPE SCHED.	PIPE SIZE	PIPE WALL THICK.	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THICK.	
11204-077	1	111	FCO	1.5"	160	2B1	SA 312	2735	300	2735	1118	N/A



- LEGEND:**
1. * INDICATES FIELD WELD.
 2. ● INDICATES SHOP WELD.
 3. ◆ INDICATES INTERGRIFF WELDED SUPPORT ATTACHMENT.
 4. ⊕ CONTAINMENT PENETRATION.
 5. ⊕ BRANCH CONNECTION WELD.
 6. -|- PIPE RESTRAINT.
 7. — INDICATES PIPE SUPPORT.

- REFERENCE DRAWINGS:**
- PA 1 D. — — — — — 1XHD011,119
 - FAB. ISO. — — — — — 1XK-1204-077-02/11
 - PIPING LAYOUT DUG — — — — — 1XNDL4009
 - CIVIL/STRUCTURAL — — — — — 1X2048A007,011
 - HANGER DETAIL DUG — — — — — VI-1204-077-001 B.9

- NOTES:**
1. SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 2. FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX40001 APPENDIX D. (UNOD)

REVISION	DATE	DESCRIPTION
1	5-19-87	GENERAL REVISION TO UPDATE DRAWING FOR ISI.
2	11-16-87	REVISE PIPE AND ADDED NEW WELDS ADDED REF WELD NO. 11
3	3-15-85	ADDED NEW WELD NO'S
4	11-29-89	REVISED LEGEND AND REFERENCES. LEFFLE VALVE WAS GLOBE VALVE. CHANGED ALL WELD NUMBERS. B.W. WAS S.W. CHANGED REF WELD NUMBER ON LINE 246.
5	9-5-83	ISSUED FOR INSPECTION

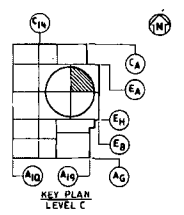
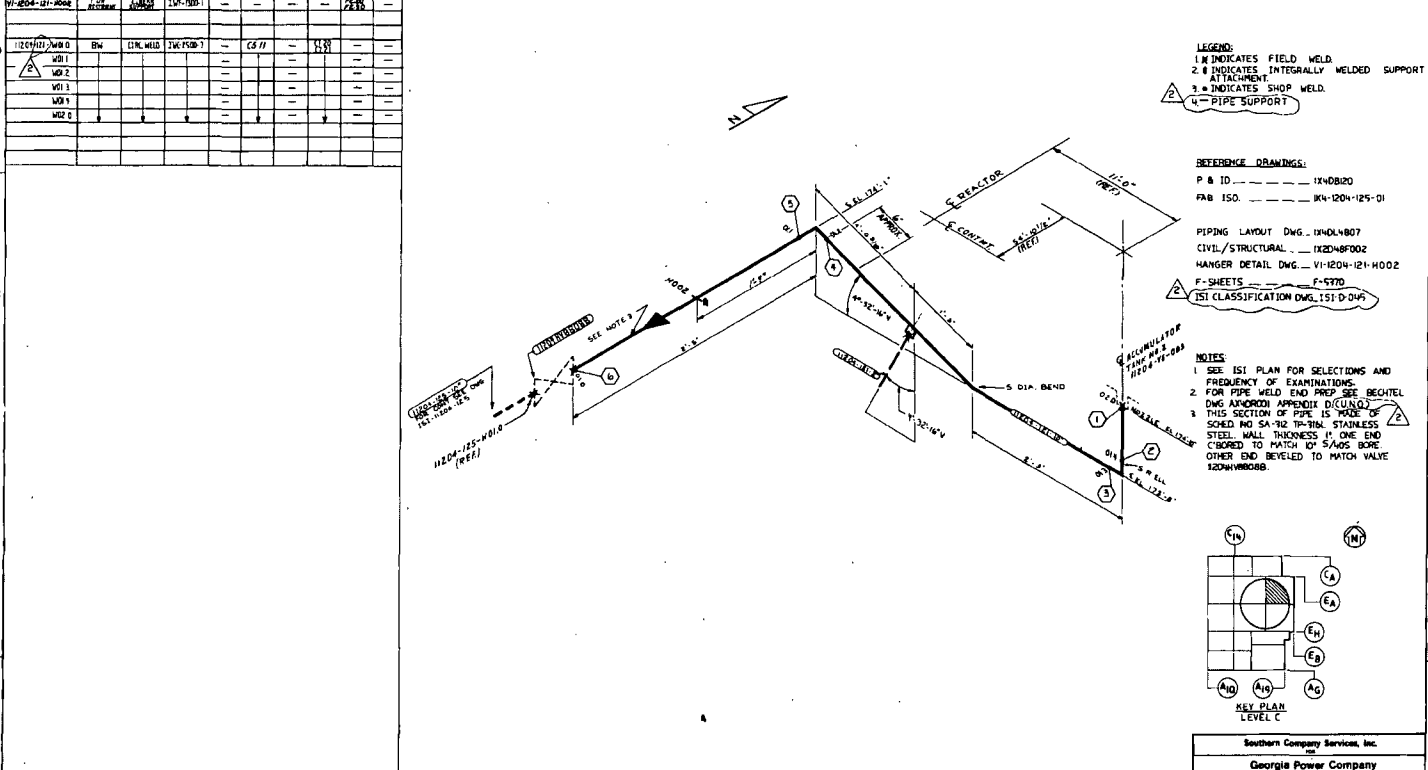
Southern Company Services, Inc.
GEORGIA POWER COMPANY

VOGTLER ELECTRIC GENERATING PLANT
 UNIT 1 - LINE NO. 077
 INSERVICE INSPECTION ISOMETRIC
 SAFETY INJECTION SYSTEM 1204

DRAWN: BKG
 CHECKED: MS
 NONE
 15I-1204-077.4

APPROVED BY: [Signature]	DATE: 11-29-89	ISSUED FOR INSPECTION
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EQUIPMENT OR WELD IDENTIFICATION NO.	WELD OR EQUIP. DESCRIP.	PART EXAMINED NO. (O)	EXAM. REQUIREMENT FIG.	EXAMINATION METHOD AND ITEM NO.					LINE NUMBER	CLASS	PIPE PROD.	PIPE CLASS	LINE SIZE	PIPE SCHED.	WALL THICK.	MATERIAL TYPE	DESIGN PRESS.	OPER. TEMP.	DESIGN PRESS.	OPER. TEMP.	INSUL. THICK.
				VOL.	SURF.	VT 1	VT 2	VT 3														VT 4
VI-1204-121-1000																					



REVISION		DATE		BY		CHECKED		DATE		BY		CHECKED		DATE		BY		CHECKED		DATE	
				ADDED NEW WELD NOTES REVISED LEGEND NOTES & REFERENCES REVISED EQUIPMENT IDENTIFICATION NO.						CHANGED SURF. FINISH FROM CS-11 TO CS-11 ON WELD 1000, 1001											

Southern Company Services, Inc.
 Georgia Power Company

VOGTLE ELECTRIC GENERATING PLANT
 UNIT 1 - LINE NO. 121
 INSERVICE INSPECTION ISOMETRIC
 SAFETY INJECTION - SYSTEM 1204

ISSUED FOR INSPECTION

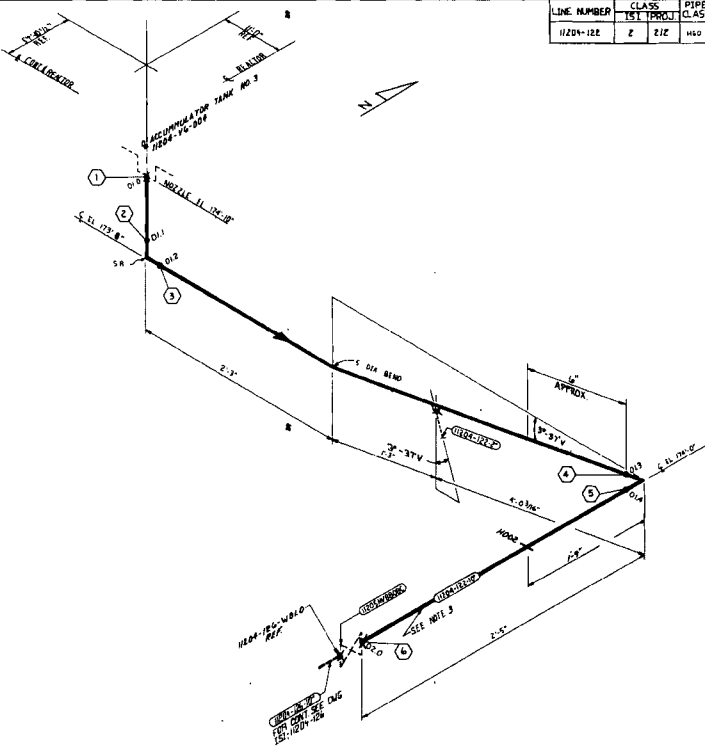
DATE: 12-18-83

BY: BKG WLS

NO. 121-1204-121

EQUIPMENT OR WELD IDENTIFICATION NO.	WELD OR EQUIP. DESCRIP.	PART NO. (SEE NOTES)	EXAM. METHOD FIG.	EXAMINATION METHOD AND ITEM NO.			
				VOL.	SMRP	VT1	VT2
V-1204-122-002	SA-192	1204-122-002	1204-122-002				
W011							
W012							
W013							
W014							
W020							

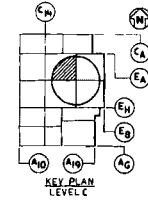
LINE NUMBER	CLASS	PIPE TEST PROVT	PIPE CLASS	LINE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	USUL. THICK.
1204-122	2	212	110	10"	10	0.365	SA-192	700	300	700	120	MA



LEGEND:
 1 X INDICATES FIELD WELD
 2 * INDICATES SHOP WELD
 3 — PIPE SUPPORT

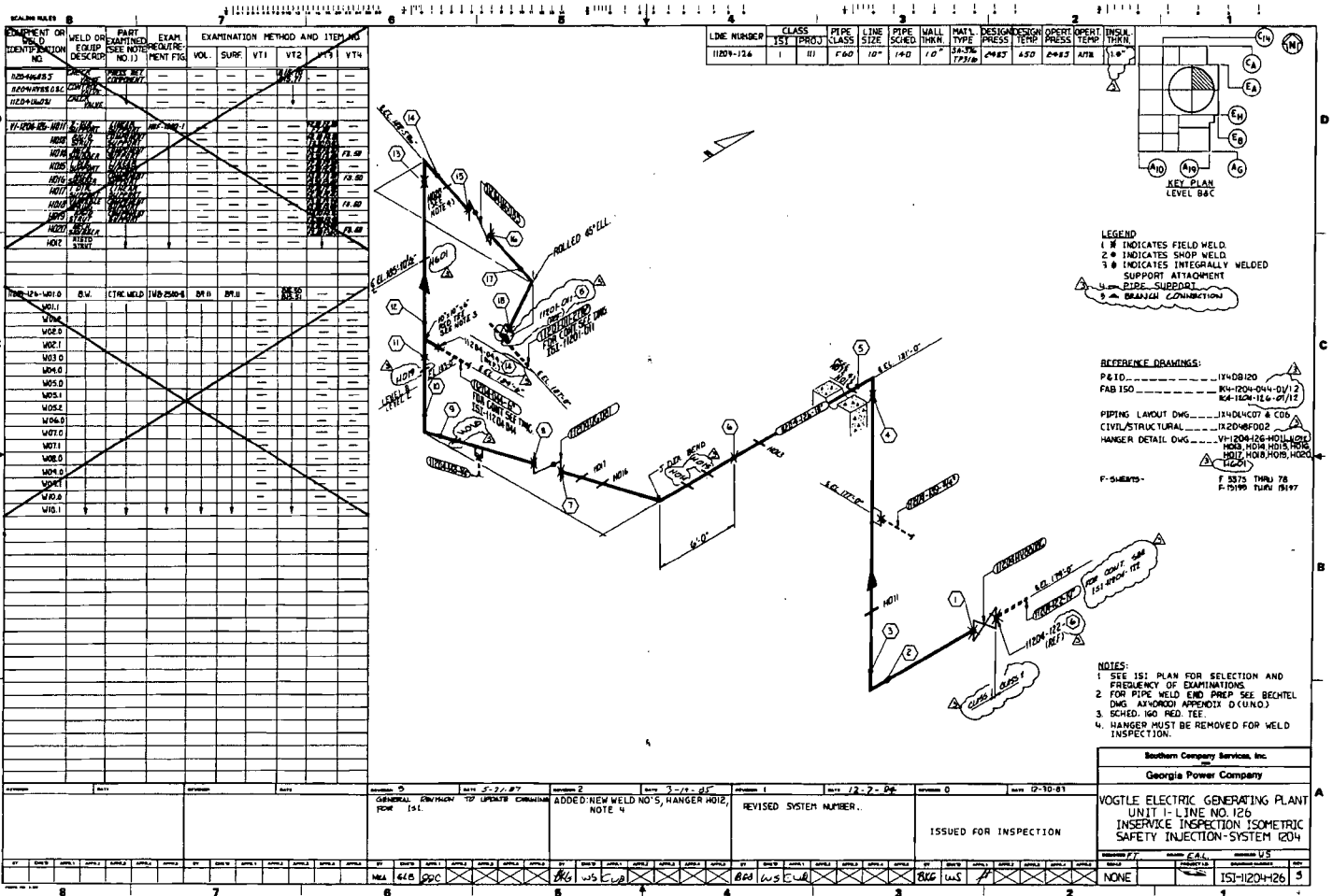
REFERENCE DRAWINGS:
 P & ID — 1K401020
 FAB ISQ — 1K401022-01
 PIPING LAYOUT DWG — 1K401027
 CIVIL — 1X204B005, A006, B005
 HANGER DETAIL DWG — V1-1204-122-H002
 F-SHEETS — F-4997
 ISI CLASSIFICATION DWG, TEST DWG

NOTES:
 1. SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATION
 2. FOR PIPE WELD END PREP SEE BEVEL DWG AND/ODI APPENDIX D (UNL)
 3. THIS SECTION OF PIPE IS MADE OF SCHED. 40 SA-192 TP-304L STAINLESS STEEL. WALL THICKNESS 1" ONE END C-BORED TO MATCH 6" S-405 BORE. OTHER END BEVELED TO MATCH VALVE 1X204H000K.



Southern Company Services, Inc.
 Georgia Power Company
 VOGTLE ELECTRIC GENERATING PLANT
 UNIT 1, LINE NO 122
 INSERVICE INSPECTION ISOMETRIC
 SAFETY INJECTION SYSTEM 1204
 ISSUED FOR INSPECTION
 DATE: 10-10-83
 DRAWN: BDK
 CHECKED: BDK
 APPROVED: BDK
 PROJECT: ISI-1204-122-2

NO.	DATE	BY	REVISION
1	10-10-83	BDK	ISSUED FOR INSPECTION
2	5-21-84	BDK	CHANGED SUPP EXAMINATION FROM CS.81 TO CS.11 ON WELDS NON 6, NON 0
3	4-1-85	BDK	ADDED NEW WELD NO'S REVISED NOTES REFERENCES & LEGEND



EXAMINATION OR IDENTIFICATION NO.	WELD OR EQUIP. DESCRIP.	PART QUANTITY (SEE NOTE NO. 1)	EXAM. METHOD FIG.	EXAMINATION METHOD AND ITEM			
				VOL.	SURF.	VT1	VT2	VT3	VT4
11204-126-1	WELD	1	VT1				
11204-126-2	WELD	1	VT1				
11204-126-3	WELD	1	VT1				
11204-126-4	WELD	1	VT1				
11204-126-5	WELD	1	VT1				
11204-126-6	WELD	1	VT1				
11204-126-7	WELD	1	VT1				
11204-126-8	WELD	1	VT1				
11204-126-9	WELD	1	VT1				
11204-126-10	WELD	1	VT1				
11204-126-11	WELD	1	VT1				
11204-126-12	WELD	1	VT1				
11204-126-13	WELD	1	VT1				
11204-126-14	WELD	1	VT1				
11204-126-15	WELD	1	VT1				
11204-126-16	WELD	1	VT1				
11204-126-17	WELD	1	VT1				
11204-126-18	WELD	1	VT1				
11204-126-19	WELD	1	VT1				
11204-126-20	WELD	1	VT1				
11204-126-21	WELD	1	VT1				
11204-126-22	WELD	1	VT1				
11204-126-23	WELD	1	VT1				
11204-126-24	WELD	1	VT1				
11204-126-25	WELD	1	VT1				
11204-126-26	WELD	1	VT1				
11204-126-27	WELD	1	VT1				
11204-126-28	WELD	1	VT1				
11204-126-29	WELD	1	VT1				
11204-126-30	WELD	1	VT1				
11204-126-31	WELD	1	VT1				
11204-126-32	WELD	1	VT1				
11204-126-33	WELD	1	VT1				
11204-126-34	WELD	1	VT1				
11204-126-35	WELD	1	VT1				
11204-126-36	WELD	1	VT1				
11204-126-37	WELD	1	VT1				
11204-126-38	WELD	1	VT1				
11204-126-39	WELD	1	VT1				
11204-126-40	WELD	1	VT1				
11204-126-41	WELD	1	VT1				
11204-126-42	WELD	1	VT1				
11204-126-43	WELD	1	VT1				
11204-126-44	WELD	1	VT1				
11204-126-45	WELD	1	VT1				
11204-126-46	WELD	1	VT1				
11204-126-47	WELD	1	VT1				
11204-126-48	WELD	1	VT1				
11204-126-49	WELD	1	VT1				
11204-126-50	WELD	1	VT1				

REVISION	DATE	DESCRIPTION
0	5-21-87	GENERAL DRAWING TO UPGRADE CONSTRUCTION FOR IS1.
1	3-11-85	ADDED NEW WELD NO'S, HANGER HO12, NOTE 4.
2	12-7-84	REVISED SYSTEM NUMBER.
3	12-7-84	ISSUED FOR INSPECTION

Southern Company Services, Inc.
Georgia Power Company

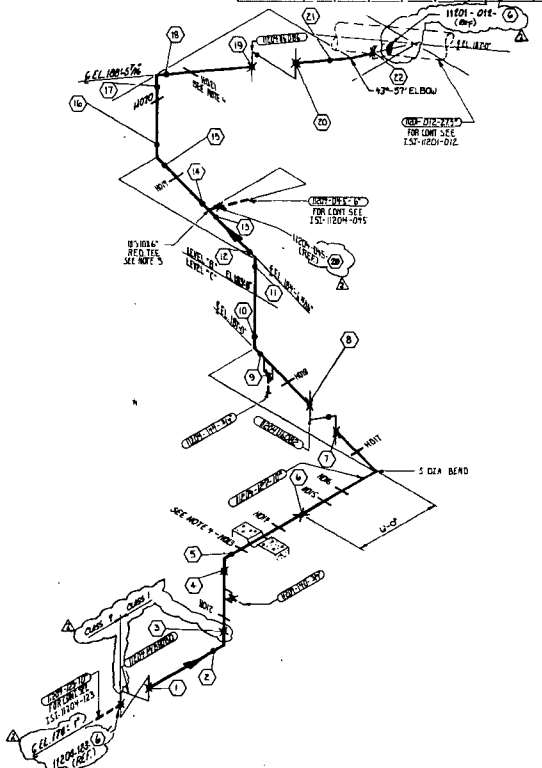
VOGTE ELECTRIC GENERATING PLANT
UNIT 1 - LINE NO. 126
INSERVICE INSPECTION ISOMETRIC
SAFETY INJECTION SYSTEM 1204

ISSUED FOR INSPECTION

DATE: 5-21-87
BY: [Signature]
CHECKED: [Signature]
APPROVED: [Signature]

EXAMPT OR WELD IDENTIFICATION NO.	WELD OR EXPOS. DESCRIP.	DWT EXAMINED (SEE NOTE NO. 1)	EXAM. REQUIREMENT FIG.	EXAMINATION METHOD AND ITEM NO.			
				VOL.	SURF.	VT1	VT2
W-201-127-K02	WELD STITCH	100%	100%				
W-201-127-K03	WELD STITCH	100%	100%				
W-201-127-K04	WELD STITCH	100%	100%				
W-201-127-K05	WELD STITCH	100%	100%				
W-201-127-K06	WELD STITCH	100%	100%				
W-201-127-K07	WELD STITCH	100%	100%				
W-201-127-K08	WELD STITCH	100%	100%				
W-201-127-K09	WELD STITCH	100%	100%				
W-201-127-K10	WELD STITCH	100%	100%				
W-201-127-K11	WELD STITCH	100%	100%				
W-201-127-K12	WELD STITCH	100%	100%				
W-201-127-K13	WELD STITCH	100%	100%				
W-201-127-K14	WELD STITCH	100%	100%				
W-201-127-K15	WELD STITCH	100%	100%				
W-201-127-K16	WELD STITCH	100%	100%				
W-201-127-K17	WELD STITCH	100%	100%				
W-201-127-K18	WELD STITCH	100%	100%				
W-201-127-K19	WELD STITCH	100%	100%				
W-201-127-K20	WELD STITCH	100%	100%				

LINE NUMBER	CLASS	PIPE SIZE	PIPE SCHED.	WALL THKN.	MAT. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INQA. THKN.
W201-127	III	10"	190	1.0"	SA-374 (A178)	2185	650	2185	400	1.5"



- LEGEND:
- 1. X INDICATES FIELD WELD.
 - 2. # INDICATES INTEGRALLY WELDED SUPPORT ATTACHMENT.
 - 3. * INDICATES SHOP WELD.
 - 4. - INDICATES PIPE SUPPORT.
 - 5. Δ INDICATES BRANCH CONNECTION.

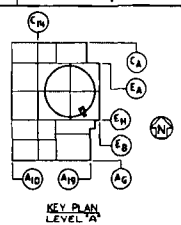
- REFERENCE DRAWINGS:
- 104-1204-018001 A
 - 104-1204-018002 A
 - 104-1204-018003 A
 - 104-1204-018004 A
 - 104-1204-018005 A
 - 104-1204-018006 A
 - 104-1204-018007 A
 - 104-1204-018008 A
 - 104-1204-018009 A
 - 104-1204-018010 A
 - 104-1204-018011 A
 - 104-1204-018012 A
 - 104-1204-018013 A
 - 104-1204-018014 A
 - 104-1204-018015 A
 - 104-1204-018016 A
 - 104-1204-018017 A
 - 104-1204-018018 A
 - 104-1204-018019 A
 - 104-1204-018020 A

- NOTES:
1. SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 2. FOR PIPE WELD END PREP: SEE BEGTAL Dwg. APPENDIX D (UNO).
 3. A SCHED. 190 TEE IS USED WITH 10" ENDS BEVELED TO MATCH SCHED. 190 PIPE.
 4. HANGER MUST BE REMOVED FOR WELD INSPECTION.

REVISION		DATE		REVISION		DATE		REVISION		DATE	
				GENERAL REVISION TO UPDATE DRAWING FOR ISI		5-17-87		ADDED NEW WELD NO'S		5-17-85	
				ISSUED FOR INSPECTION							
Southern Company Services, Inc. Georgia Power Company VOGTLE ELECTRIC GENERATING PLANT UNIT 1 - LINE NO. 127 INSERVICE INSPECTION ISOMETRIC SAFETY INJECTION SYSTEM 1204											
DRAWING NO. 60199C SCALE 1/4" = 1'-0" SHEET NO. 1 OF 1 PROJECT NO. 15-11204-127											

1204-197

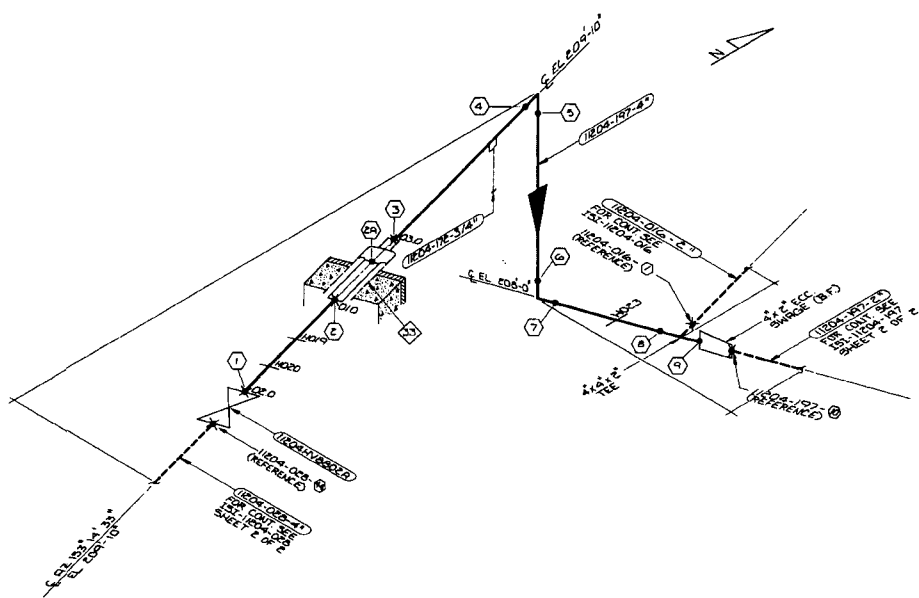
LINE NUMBER	CLASS	PIPE CLASS	LINE SIZE	PIPE SCHED	PIPE WALL THICK	MATL. TYPE	DESIGN PRESS	DESIGN TEMP.	OPERT. PRESS	OPERT. TEMP.	INSUL. THICK
1204-197	C	212	FOO	4"	160	304	2485	650	2485	AMB	N/A



- LEGEND:**
- INDICATES FIELD WELD.
 - INDICATES SHOP WELD.
 - INDICATES INTERGRALLY WELDED SUPPORT ATTACHMENT.
 - CONTAINMENT PENETRATION.
 - BRANCH CONNECTION WELD.
 - PIPE RESTRAINT.
 - INDICATES PIPE SUPPORT.

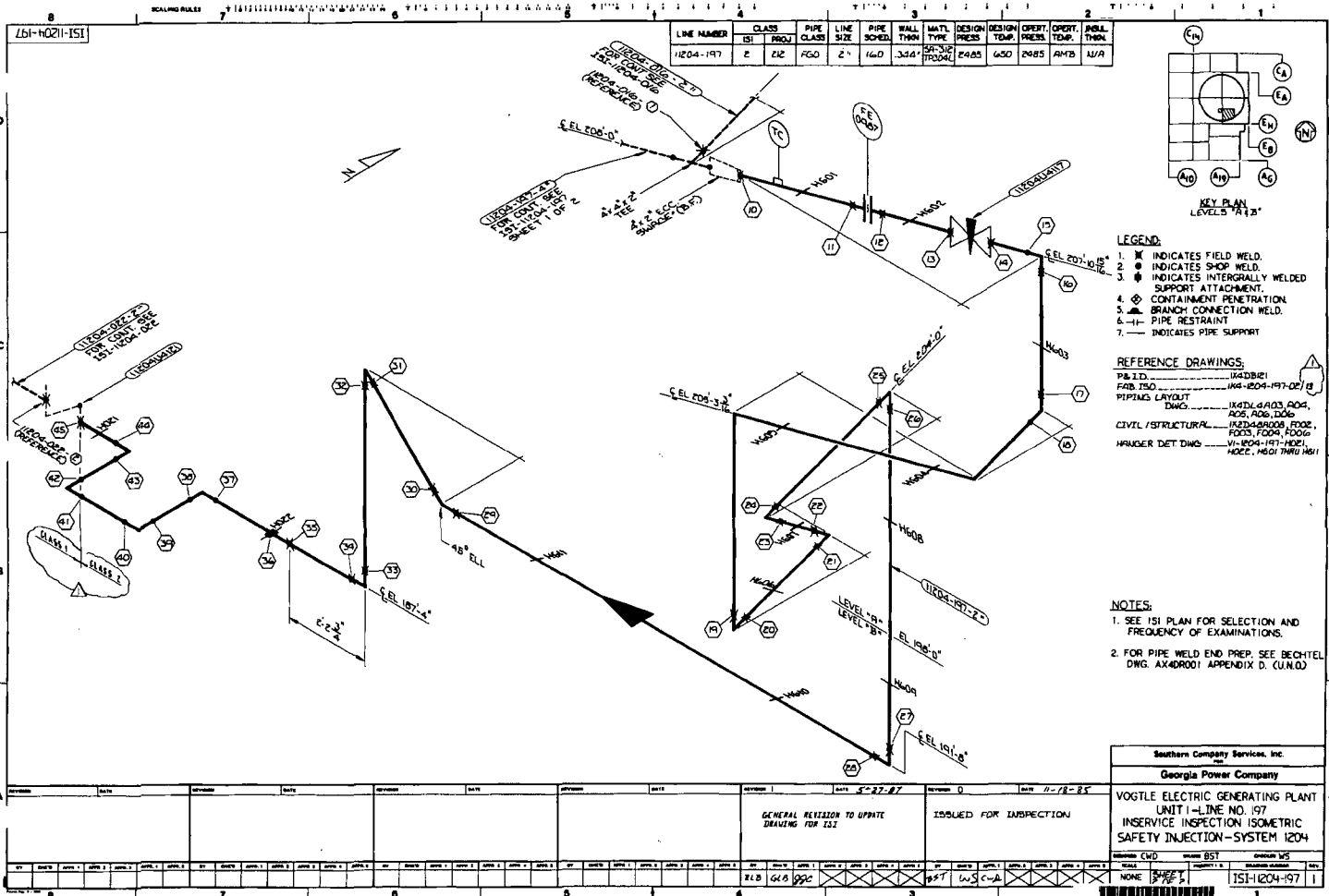
- REFERENCE DRAWINGS:**
- PIE ID: 1K4D2421
 - PIE ISO: 1K3-1204-197-03
 - PIPING LAYOUT DWG: 1K4D13003
 - CIVIL/STRUCTURAL: 1K4D24030
 - HAULER DET. DWG: 1K4D24197-101A
 - F-SHEETS: F-4352, 1K3446
 - ISI CLASS DWG: 131-D-046

- NOTES:**
- SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - FOR PIPE WELD END PREP, SEE BECHTEL DWG. AX4D001 APPENDIX D. (U.N.D.)

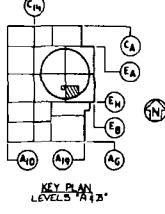


NO.	DATE	BY	CHKD.	APP'D.	REVISION
1	11-16-85				ISSUED FOR INSPECTION

Southern Company Services, Inc.
 Georgia Power Company
 VOGTLE ELECTRIC GENERATING PLANT
 UNIT 1-LINE NO. 197
 INSERVICE INSPECTION ISOMETRIC
 SAFETY INJECTION-SYSTEM 1204
 CWD BST
 NONE 11/16/85
 1204-197 0



LINE NUMBER	CLASS	PIPE CLASS	LINE SIZE	PIPE SCHED	WALL THIN	MATL TYPE	DESIGN PRESS	DESIGN TEMP	OPER. PRESS	OPER. TEMP	INSUL. THIN.
1204-197	E	EIC	FGO	2"	160	304	2485	650	2485	AMB	N/A



- LEGEND:**
- INDICATES FIELD WELD.
 - INDICATES SHOP WELD.
 - INDICATES INTERGRALLY WELDED SUPPORT ATTACHMENT.
 - CONTAINMENT PENETRATION.
 - BRANCH CONNECTION WELD.
 - PIPE RESTRAINT.
 - INDICATES PIPE SUPPORT.

- REFERENCE DRAWINGS:**
- P&ID: 144DB21
 - FAB. ISO: 144-1204-197-02
 - PIPING LAYOUT DWG: 144L4A03, A04, A05, A06, D06
 - CIVIL / STRUCTURAL DWG: 1423-18008, F002, F003, F004, F006
 - HANGER DET DWG: 14-1204-197-1821, 1822, 1823 THRU 1831

- NOTES:**
- SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - FOR PIPE WELD END PREP. SEE BECHTEL DRG. AX48001 APPENDIX D. (U.N.O.)

NO.	DATE	BY	CHKD.	APPV.	REVISION	DATE	BY	CHKD.	APPV.	REVISION	DATE	BY	CHKD.	APPV.
					GENERAL REVISION TO UPDATE DRAWING FOR ISI	5-27-87				ISSUED FOR INSPECTION	11-18-85			

Southern Company Services, Inc.
Georgia Power Company

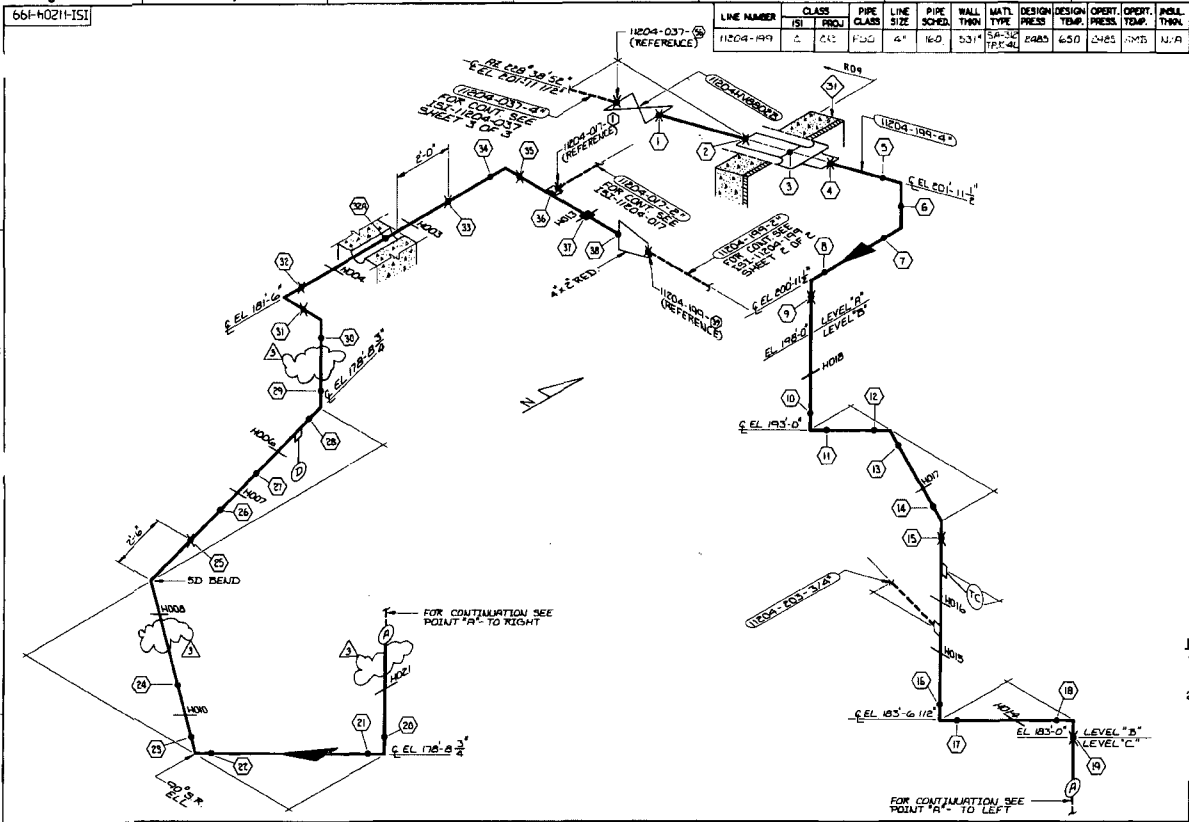
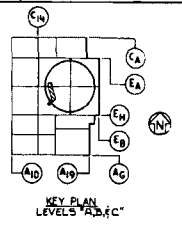
VOGTLE ELECTRIC GENERATING PLANT
UNIT 1 - LINE NO. 197
INSERVICE INSPECTION ISOMETRIC
SAFETY INJECTION - SYSTEM 1204

REVISIONS: CHD, BST, WJS

DATE: 151-1204-197 1

66F-H021H-151

LINE NUMBER	CLASS	PIPE CLASS	PIPE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THICK.
11204-199	C	CAC	4"	160	0.317	SA-312 P.C. 4L	2485	650	2485	475	N/A



- LEGEND:**
1. [Symbol] INDICATES FIELD WELD.
 2. [Symbol] INDICATES SHOP WELD.
 3. [Symbol] INDICATES INTERGRIFF WELDED SUPPORT ATTACHMENT.
 4. [Symbol] CONTAINMENT PENETRATION.
 5. [Symbol] BRANCH CONNECTION WELD.
 6. [Symbol] PIPE RESTRAINT.
 7. [Symbol] INDICATES PIPE SUPPORT.

- REFERENCE DRAWINGS:**
- P&I D. ----- 1144081E1
 FAB ISO ----- 117-1204-037-01/8
 114-1204-199-01/8
 118-03/11
- PIPING LAYOUT
 DWG. ----- 1147N 3100
 1147N 3100
 1147N 3100
 1147N 3100
- CIVIL / STRUCTURAL ----- 11204-199-003
 11204-199-003
 11204-199-003
 11204-199-003
- HANGER DET. DWG. ----- 11204-199-003
 11204-199-003
 11204-199-003
 11204-199-003
- F-SHEETS ----- F-4303, 10718, 10719
 11204-199-003, 11204-199-003, 11204-199-003

- NOTES:**
1. SEE IS1 PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 2. FOR PIPE WELD END PREP SEE BECHTEL DWG. AX48001 APPENDIX D. (U.N.D.)

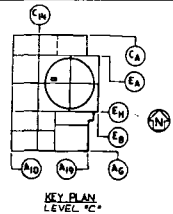
Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT UNIT 1-LINE NO. 199 INSERVICE INSPECTION ISOMETRIC SAFETY INJECTION-SYSTEM 1204	
DESIGNED BY	DATE
CMD	11-11-77
CHECKED BY	DATE
BST	11-11-77
APPROVED BY	DATE
W/S	11-11-77
ISSUED BY	DATE
W/S	11-11-77
REVISIONS	DATE
NONE	11-11-77

REVISION	DATE	DESCRIPTION
1	11-11-77	REMOVED HANGERS HOODS, HOZD AND HOZES PER DCE 97-0028
2	5-27-87	GENERAL REVISION TO UPDATE DRAWING FOR IS1
3	8-14-86	ADDED WELD DCA
4	11-11-77	ISSUED FOR INSPECTION

NO.	DATE	BY	CHKD.	APPV.	NO.	DATE	BY	CHKD.	APPV.	NO.	DATE	BY	CHKD.	APPV.
1	11-11-77	CMD			2	11-11-77	BST			3	11-11-77	W/S		

661-N0211-1S1

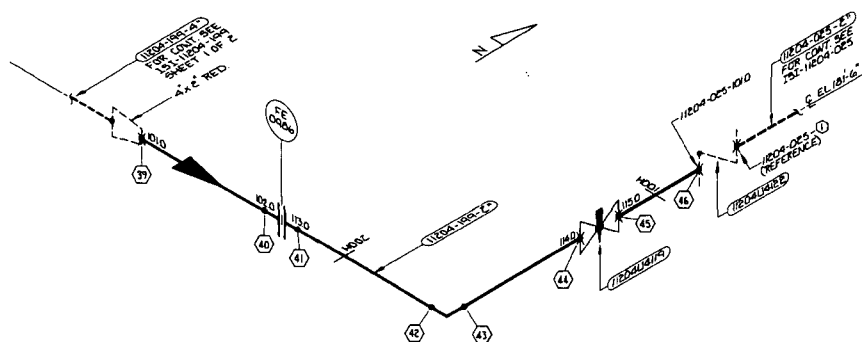
LINE NUMBER	CLASS	PIPE PROJ	PIPE CLASS	LINE SIZE	PIPE SCHED.	WALL THIN	MATL TYPE	DESIGN PRESS	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THICK.
11204-199	C	E1C	FGO	C"	40	344	SA-312 TP304L	2485	650	2485	AMB	N/A



- LEGEND:**
- INDICATES FIELD WELD.
 - INDICATES SHOP WELD.
 - INDICATES INTERGRIFF WELDED SUPPORT ATTACHMENT.
 - CONTAINMENT PENETRATION.
 - BRANCH CONNECTION WELD.
 - PIPE RESTRAINT.
 - INDICATES PIPE SUPPORT.

- REFERENCE DRAWINGS:**
- PIE ID 114D121
 - FAB. ID 114-1204-199-02
 - PIPING LAYOUT DWG. 114D1407
 - CIVIL STRUCTURAL DWG. 114D1402
 - HEADER DET. DWG. 114-1204-199-11001
 - 151 CLASS DWG. 151-D-046

- NOTES:**
- SEE 151 PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX40001 APPENDIX D. (U.N.O.)



Southern Company Services, Inc.
Georgia Power Company

VOGTE ELECTRIC GENERATING PLANT
UNIT 1-LINE NO. 199
INSERVICE INSPECTION ISOMETRIC
SAFETY INJECTION-SYSTEM 1204

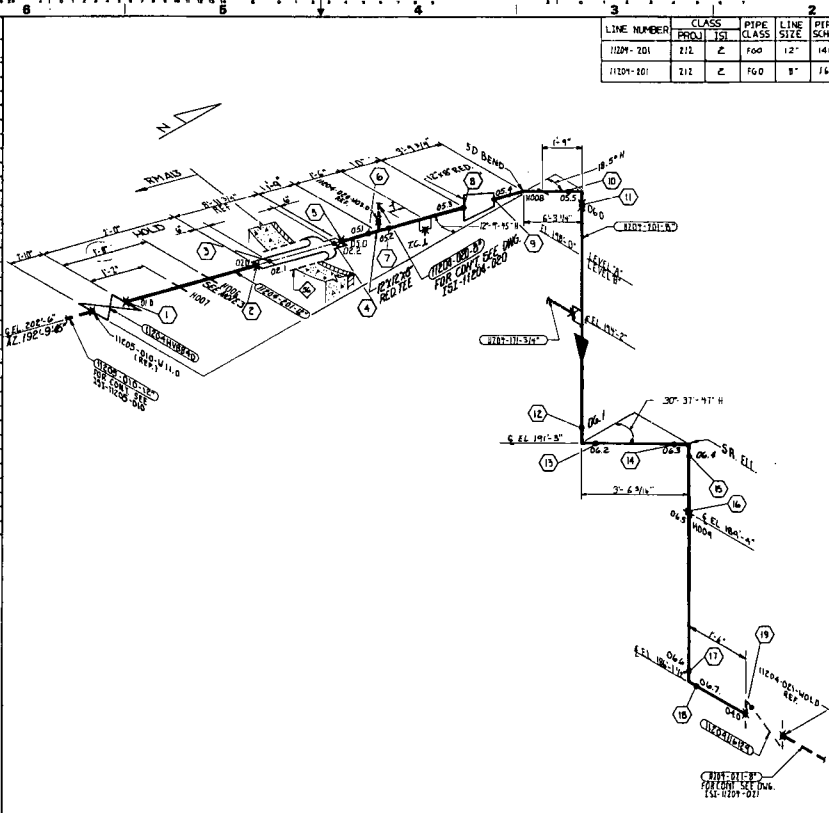
ISSUED FOR INSPECTION

DATE: 11-28-82

DATE	BY	CHKD	APP'D
11-28-82	WJS	C-8	

NO.	DATE	BY	CHKD	APP'D	REVISION
1	11-28-82	WJS	C-8		ISSUED FOR INSPECTION

EQUIPMENT OR WELD IDENTIFICATION NO.	WELD OR EQUIP. DESCRIP.	PART EXAMINED (SEE NOTE NO. 1)	EXAM. REQUIRE. (MENT FIG.)	EXAMINATION METHOD AND ITEM NO.					
				VOL.	SURF.	VT1	VT2	VT3	VT4
H204-HV8840	W/704	PRESSURE REL. TEMP.							
VI-1204-20-H006	FIELD STRUT	CONCRETE SUPPORT	INF. 200-1						
H007									
H008									
H009	3-DAY RESISTANT	LIFELINE SUPPORT							
H010	5-DAYS	REINFORCING							
H204-201-W01.0	B.W.	CIRC. WELD	INC. 2500-7	CS.21	CS.21				
W02.0									
W02.2									
W03.0									
W03.1									
W03.2									
W03.3									
W03.4									
W03.5									
W04.0									
W04.1									
W04.2									
W04.3									
W04.4									
W04.5									
W04.6									
W04.7									



LINE NUMBER	CLASS	PIPE CLASS	PIPE SIZE	PIPE SCHED.	WALL THICK.	MAT. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THICK.
H204-201	212	L	600	12	1.125	SA-374	2485	650	2485	AMB	N/A
H204-201	212	L	600	12	1.125	SA-374	2485	650	2485	AMB	N/A

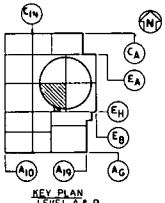
- LEGEND:**
- 1 W INDICATES FIELD WELD
 - 2 W INDICATES INTEGRALLY WELDED SUPPORT ATTACHMENT
 - 3 W INDICATES SHOP WELD
 - 4 W INDICATES CONTAINMENT PENETRATION NUMBER
 - 5 W INDICATES PIPE SUPPORT

REFERENCE DRAWINGS:

P & ID ----- 1X4DL3604
 FAB. 150 ----- 193-204-00-03 & 194-1204-020-02

PIPING LAYOUT DWG. ----- 1X4DL3604
 CIVIL/STRUCTURAL ----- AK200A080
 HANGER DETAIL DWG. ----- W-1204-201-H006 THRU H009
 P-SHEETS ----- F-10570 & F-10571
 6" CAL. BLOCK DWG. ----- IS1-0-307A
 8" CAL. BLOCK DWG. ----- IS1-0-308A
 IS1 CLASS DWG. ----- IS1-0-100A

- NOTES:**
1. SEE IS1 PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 2. FOR PIPE WELD END PREP SEE BECHTEL DWG. AND/OR APPENDIX D (UNOD)
 3. HANGER MUST BE REMOVED FOR PIPE WELD INSPECTION.



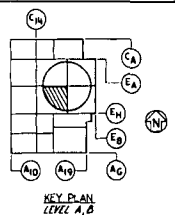
REVISION	DATE	REVISION	DATE	REVISION	DATE	REVISION	DATE	REVISION	DATE
				1 CONT.	DATE 3-30-85	1	DATE 3-30-85	0	DATE 10-31-88
				ADDED HOOP PUT HOLD ON H006		ADDED NEW WELD NUMBERS CHANGED TO CLASS REVISED ITEM NUMBERS REVISED LEG. REFS. AND ADDED REVISED REF. WELD LINE NUMBER, AND CONTINUATION DRAWINGS ADDED HOOP NUMBER		ISSUED FOR INSPECTION	

Southern Company Services, Inc.
 Georgia Power Company

VOGTLE ELECTRIC GENERATING PLANT
 UNIT 1-LINE NO. 201
 INSERVICE INSPECTION ISOMETRIC
 SAFETY INJECTION-SYSTEM 1204

REVISION FT. DRAWN E.A.L. CHECKED U.S.
 SCALE NONE PROJECT NO. 151-11204-201 DATE

EQUIPMENT OR WELD IDENTIFICATION NUMBER	WELD OR EQUIP. DESCRIP.	PART EXAMINED (SEE NOTE)	EXAM. REQUIREMENT FIG.	EXAMINATION METHOD AND ITEM NO.				LINE NUMBER	CLASS	PIPE CLASS	PIPE SIZE	PIPE SCHED.	WALL THICK.	MATERIAL	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THICK.
				VT1	VT2	VT3	VT4												
11204-246	SAFETY INJECTION SYSTEM																		
W001	WELD																		
W002	WELD																		
W003	WELD																		
W004	WELD																		
W005	WELD																		
W006	WELD																		
W007	WELD																		
W008	WELD																		
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- LEGEND:
- INDICATES FIELD WELD.
 - INDICATES SHOP WELD.
 - INDICATES INTERGRALLY WELDED SUPPORT ATTACHMENT.
 - CONTAINMENT PENETRATIONAL.
 - BRANCH CONNECTION WELD.
 - PIPE RESTRAINT.
 - INDICATES PIPE SUPPORT.

REFERENCE DRAWINGS:

P&ID: 11204-246, 11204-247, 11204-248, 11204-249, 11204-250, 11204-251, 11204-252, 11204-253, 11204-254, 11204-255, 11204-256, 11204-257, 11204-258, 11204-259, 11204-260, 11204-261, 11204-262, 11204-26

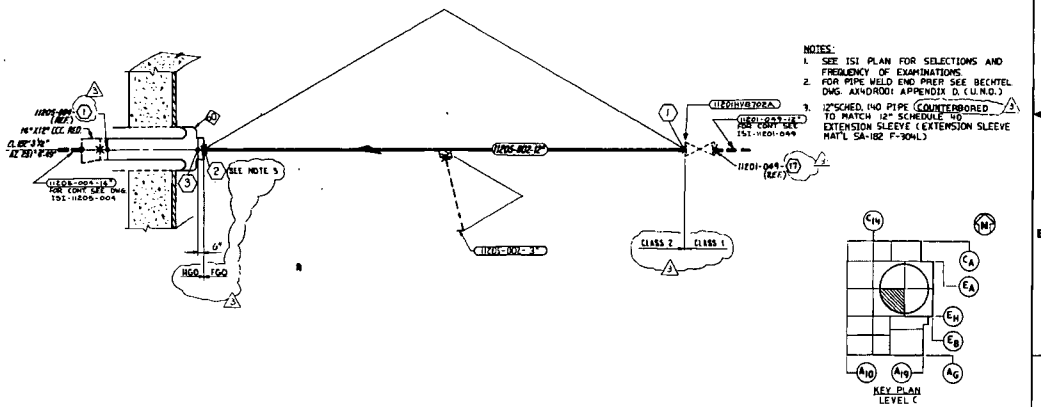
EQUIPMENT OR WELD IDENTIFICATION NO.	WELD OR EQUIP. DESCRIP.	PART EXAMINED (SEE NOTE REQUIREMENT PAGE)	EXAMINATION METHOD AND ITEM NO.							
			VOL	SURF	VT1	VT2	VT3	VT4		
11205-002	PIPE	CORE WELD (W/20007)			(CSA)	(SLW)				
					(CSA)					

LINE NUMBER	CLASS	PIPE	LINE	PIPE	WALL	MAT'L	DESIGN	DESIGN	OPERAT	OPERAT	INSUL
	IST	PROJ	CLASS	SIZE	THICK	TYPE	PRESS	TEMP	PRESS	TEMP	THICK
11205-002	E	R/E	160	12"	140	SA-370 TP-316	600	400	450	350	1.5"
11205-002	E	R/E	160	12"	40	SA-102	600	400	450	350	1.5"

LEGEND:
 1. L.W. INDICATES FIELD WELD
 2. I. INDICATES INTEGRALLY WELDED SUPPORT ATTACHMENT
 3. S. INDICATES SHOP WELD
 4. O. INDICATES CONTAINMENT PENETRATION NO.
 % - INDICATES PIPE SUPPORT

REFERENCE DRAWINGS:
 P & ID - 11401022
 FAB. 250 - 114-1205-002-01/13
 PIPING LAYOUT DWG. - 114014007
 CIVIL/STRUCTURAL - 1120487002
 F - SHEETS - F-5180
 CONTAINMENT PENETRATION DESIGN LIST - 114014113, 14

NOTES:
 1. SEE ISI PLAN FOR SELECTIONS AND FREQUENCY OF EXAMINATIONS
 2. FOR PIPE WELD END PROF. SEE BECTEL DWG. AX40001 APPENDIX D (U.N.D.)
 3. UNSCHED. 160 PIPE COUNTERBORED TO MATCH 12" SCHEDULE 160 EXTENSION SLEEVE (EXTENSION SLEEVE MAT'L SA-102 F-904L)

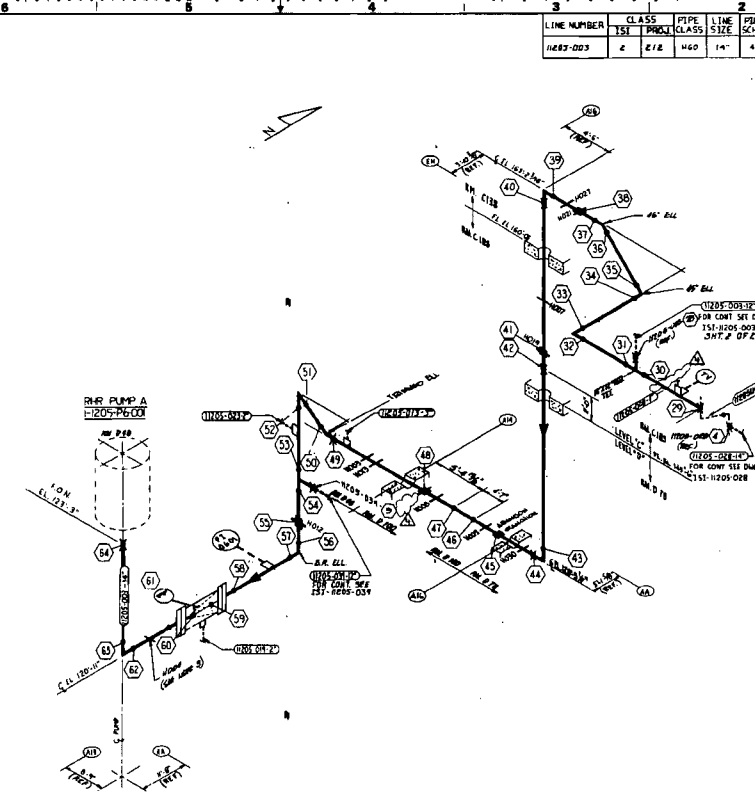


REVISION	DATE	DESCRIPTION	BY	CHECKED
3	11-22-81	GENERAL REVISION TO UPDATE DRAWING FOR ISI	R/LB	W/S
2	11-11-81	ADDED NEW WELD NETS REVISED EXAMINATION ITEM NUMBER	R/LB	W/S
1	9-6-81	DELETED/REV. WELD IN O. ADDED: REF. WELD IN I. WELD OUT IN I.2 REV. ITEM % TO LEGEND. ISI PIPING & INS. DWG. IS CAL. BLDG. 101 AND NOTE 3	R/LB	W/S
0	12-12-81	ISSUED FOR INSPECTION	R/LB	W/S

Southern Company Services, Inc.
 Georgia Power Company
 VOGTLE ELECTRIC GENERATING PLANT
 UNIT 1 - LINE NO. 002
 INSERVICE INSPECTION ISOMETRIC
 RESIDUAL HEAT REMOVAL - SYSTEM (205)

SCALE	DATE	BY	CHECKED	APPROVED
AS SHOWN	11-22-81	R/LB	W/S	

EQUIPMENT OR WELD IDENTIFICATION NO.	WELD OR EQUIP. DESCRIP.	PART EXAMINED (SEE IDENT. NO.)	FRAM. PREPARE (MENT FIG.)	EXAMINATION METHOD AND ITEM NO.			
				VOL.	SURF.	VT1	VT2
W205-003				F350
W005				F350
W006				F350
W007				F350
W008				F350
W009				F350
W010				F350
W011				F350
W012				F350
W013				F350
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LEGEND:
 1 # INDICATES FIELD WELD.
 2 # INDICATES INTEGRALLY WELDED SUPPORT AT ATTACHMENT.
 3 # INDICATES SHOP WELD.
 4 - INDICATES PIPE SUPPORT.

REFERENCE DRAWINGS:
 P & ID - R40822
 FAB ISO - W31205-003-01/52

PIPING LAYOUT DWG - W4208000, G07, G08, G09
CIVIL/STRUCTURAL - AX2008000 & AX2008000PH
HANGER DETAIL DWG - W31205-003-1009 THRU W31205-003-1022, W021, W090
F-SHEETS - F-713 THRU F-710 & F-704

NOTES:
 1. SEE IS1 PLAN SELECTION AND FREQUENCY OF EXAMINATIONS.
 2. FOR PIPE WELD END PREP SEE BECALED, DWG. AX-0000 APPENDIX D (W42).
 3. HANGERS MUST BE REMOVED FOR WELD INSPECTION.

KEY PLAN LEVEL CAD

REVISION 6 DATE 5/22/91 DELETED HANGERS AND W006 AND W008 PER PCA 91-001.		REVISION 5 DATE 3-28-87 GENERAL REVISION TO UNDER DRAWING PER IS1.		REVISION 4 DATE 4-3-85 ADDED NEW WELD NO'S REVISED EQUIPMENT IDENTIFICATION NO. ADDED ROOM NUMBER REVISED DIMENSIONS ADDED LINE ITEMS 003-P REVISED NOTES & REFERENCES		REVISION 3 DATE 12-9-78 ADDED WELD 076 TO LIST.		REVISION 2 DATE 6-7-84 ISSUED FOR INSPECTION		REVISION 1 DATE 12-9-78 ISSUED FOR INSPECTION		REVISION 0 DATE 6-7-84 ISSUED FOR INSPECTION			
BY	CHKD	APPV	DATE	BY	CHKD	APPV	DATE	BY	CHKD	APPV	DATE	BY	CHKD	APPV	DATE
	MS	ULM		AGU	GA	99C		AGU	WJ	CUB		AGU	WJ	CUB	

Southern Company Services, Inc.
 Georgia Power Company

VOGTLE ELECTRIC GENERATING PLANT
 UNIT 1 - LINE NO. 003
 INSERVICE INSPECTION ISOMETRIC
 RESIDUAL HEAT REMOVAL - SYSTEM 1205

SCALE: 1" = 10'-0"

DATE: 5/22/91

BY: MS ULM

CHKD: AGU GA 99C

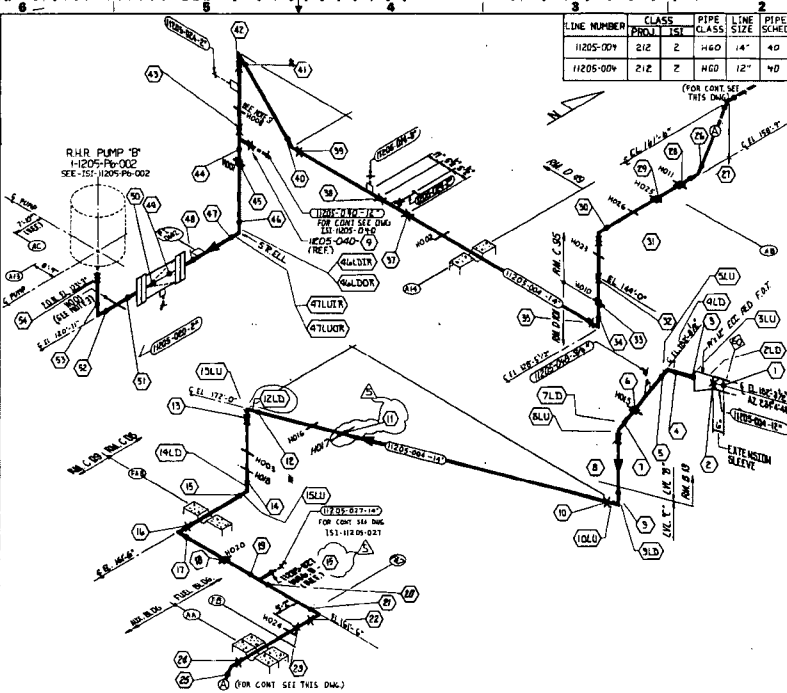
APPV: AGU WJ CUB

DATE: 5/22/91

PROJECT: W31205-003-01/52

IS1-1205-003-14

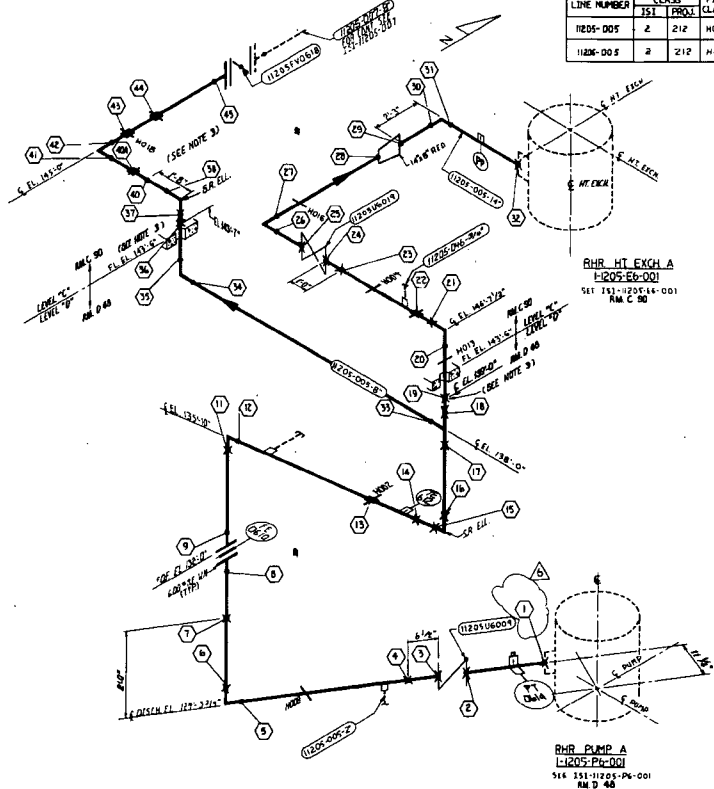
EQUIPMENT OR WELD IDENTIFICATION NO.	WELD OR PART EQUIP. DESCRIP.	EXAM. METHOD	EXAMINATION METHOD AND ITEM NO.				
			VOL.	SURF.	V1	V2	V3
W001	WELDED	CS-11					
W002	WELDED	CS-11					
W003	WELDED	CS-11					
W004	WELDED	CS-11					
W005	WELDED	CS-11					
W006	WELDED	CS-11					
W007	WELDED	CS-11					
W008	WELDED	CS-11					
W009	WELDED	CS-11					
W010	WELDED	CS-11					
W011	WELDED	CS-11					
W012	WELDED	CS-11					
W013	WELDED	CS-11					
W014	WELDED	CS-11					
W015	WELDED	CS-11					
W016	WELDED	CS-11					
W017	WELDED	CS-11					
W018	WELDED	CS-11					
W019	WELDED	CS-11					
W020	WELDED	CS-11					
W021	WELDED	CS-11					
W022	WELDED	CS-11					
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W024	WELDED	CS-11					
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W026	WELDED	CS-11					
W027	WELDED	CS-11					
W028	WELDED	CS-11					
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W052	WELDED	CS-11					
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W098	WELDED	CS-11					
W099	WELDED	CS-11					
W100	WELDED	CS-11					



WELD NO.	WELD TYPE	EXAM. METHOD	ITEM NO.	DATE
W001	BU	CS-11	1	11-17-85
W002	BU	CS-11	2	11-17-85
W003	BU	CS-11	3	11-17-85
W004	BU	CS-11	4	11-17-85
W005	BU	CS-11	5	11-17-85
W006	BU	CS-11	6	11-17-85
W007	BU	CS-11	7	11-17-85
W008	BU	CS-11	8	11-17-85
W009	BU	CS-11	9	11-17-85
W010	BU	CS-11	10	11-17-85
W011	BU	CS-11	11	11-17-85
W012	BU	CS-11	12	11-17-85
W013	BU	CS-11	13	11-17-85
W014	BU	CS-11	14	11-17-85
W015	BU	CS-11	15	11-17-85
W016	BU	CS-11	16	11-17-85
W017	BU	CS-11	17	11-17-85
W018	BU	CS-11	18	11-17-85
W019	BU	CS-11	19	11-17-85
W020	BU	CS-11	20	11-17-85
W021	BU	CS-11	21	11-17-85
W022	BU	CS-11	22	11-17-85
W023	BU	CS-11	23	11-17-85
W024	BU	CS-11	24	11-17-85
W025	BU	CS-11	25	11-17-85
W026	BU	CS-11	26	11-17-85
W027	BU	CS-11	27	11-17-85
W028	BU	CS-11	28	11-17-85
W029	BU	CS-11	29	11-17-85
W030	BU	CS-11	30	11-17-85
W031	BU	CS-11	31	11-17-85
W032	BU	CS-11	32	11-17-85
W033	BU	CS-11	33	11-17-85
W034	BU	CS-11	34	11-17-85
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W036	BU	CS-11	36	11-17-85
W037	BU	CS-11	37	11-17-85
W038	BU	CS-11	38	11-17-85
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W054	BU	CS-11	54	11-17-85
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W096	BU	CS-11	96	11-17-85
W097	BU	CS-11	97	11-17-85
W098	BU	CS-11	98	11-17-85
W099	BU	CS-11	99	11-17-85
W100	BU	CS-11	100	11-17-85

LINE NUMBER	CLASS	PIPE SIZE	PIPE SCHED	WALL THICK	MAT. TYPE	DESIGN PRESS	DESIGN TEMP	OPER. PRESS	OPER. TEMP	INSUL. THICK
11205-004	212	2	H60	14"	40	400	400	400	350	2.0"
11205-004	212	2	H60							

EQUIPMENT OR WELD IDENTIFICATION NO.	WELD OR EQUIP. DESCRIP.	PART NUMBER (SEE NOTE 3)	EXAM. REQUIREMENT FIG.	EXAMINATION METHOD AND ITEM NO.			
				VOL.	SURF.	VT1	VT2
H205-001	PIPE WELD						
H205-002	PIPE WELD						
H205-003	PIPE WELD						
H205-004	PIPE WELD						
H205-005	PIPE WELD						
H205-006	PIPE WELD						
H205-007	PIPE WELD						
H205-008	PIPE WELD						
H205-009	PIPE WELD						
H205-010	PIPE WELD						
H205-011	PIPE WELD						
H205-012	PIPE WELD						
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H205-014	PIPE WELD						
H205-015	PIPE WELD						
H205-016	PIPE WELD						
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H205-019	PIPE WELD						
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H205-099	PIPE WELD						
H205-100	PIPE WELD						



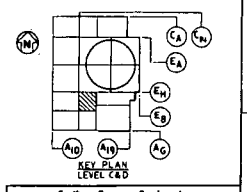
LINE NUMBER	CLASS	PIPE SIZE	PIPE SCHED	WALL THK	MAT'L TYPE	DESIGN PRESS	DESIGN TEMP	OPERT. PRESS	OPERT. TEMP	INSUL THKN		
H205-005	2	212	H60	8"	405	.122"	SA 312 TYPE 304	600	400	600	350	2"
H205-008	2	212	H60	14"	40	.438"	SA 312 TYPE 304	600	400	600	350	2"

LEGEND:
 1 X INDICATES FIELD WELD
 2 # INDICATES INTEGRALLY WELDED SUPPORT ATTACHMENT
 3 # INDICATES SHOP WELD
 4 - INDICATES PIPE SUPPORT

REFERENCE DRAWINGS:
 P&ID _____ I340B122
 FAB. ISO. _____ I34-1205-005-01/34

PIPING LAYOUT DRWG _____ I340B122 & I340B120A
 CIVIL/STRUCTURAL _____ AX208002
 HANGER DETAIL DRWG _____ I34-1205-005-H001 THRU H004, H007, H008, H017, H018 THRU H020
 F-SHEETS _____ F-783 THRU F-789

NOTES:
 1. SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATION
 2. FOR PIPE WELD END PREP SEE BECHTEL DWG AX400000 APPENDIX D (UINO)
 3. THESE WELDS WERE ADDED AS A RESULT OF A WALKDOWN.



Southern Company Services, Inc.
 Georgia Power Company

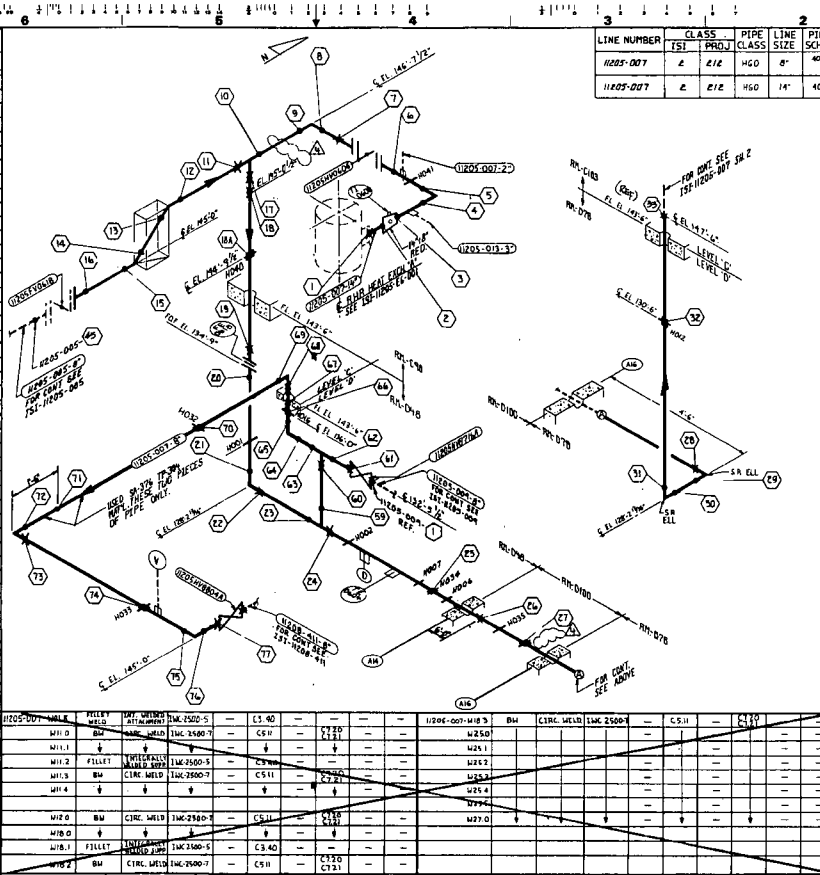
VOGTLE ELECTRIC GENERATING PLANT
 UNIT 1-LINE NO.005
 INSERVICE INSPECTION ISOMETRIC
 RESIDUAL HEAT REMOVAL - SYSTEM 1205

ISSUED FOR INSPECTION

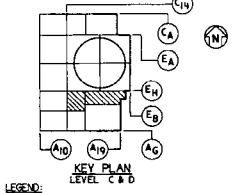
DATE: 11/13/94

REV.	NO.	DATE	BY	CHKD.	APP'D.	DESCRIPTION
1	1	11/13/94	MB	MB	MB	GENERAL REVISION TO UPDATE DRAWINGS FOR ISI
2	2	11/13/94	MB	MB	MB	REVISED ORIENTATION OF P70614
3	3	11/13/94	MB	MB	MB	ADDED WELD NO. 1
4	4	11/13/94	MB	MB	MB	DELETED HANGERS NO. H001, H003, H007, H017, H018, H019, H020 PER P&ID 91/84

EQUIPMENT OR WELD IDENTIFICATION NO.	WELD OR EQUIP DESCRIP	PRNT EXAMINER NO. (SEE NOTE)	EXAM. REQUIREMENT FIG.	EXAMINATION METHOD AND ITEM NO.			
				VOL.	SURF.	VT1	VT2	VT3	VT4
11205W000	DRYER FEED	PRK/LET					
11205WB04-A	GRV WELD						
11205WB16-A	GATE VALVE						
11205W001	DRYER FEED	PRK/LET					
11205W002	DRYER FEED	PRK/LET					
11205W003	DRYER FEED	PRK/LET					
11205W004	DRYER FEED	PRK/LET					
11205W005	DRYER FEED	PRK/LET					
11205W006	DRYER FEED	PRK/LET					
11205W007	DRYER FEED	PRK/LET					
11205W008	DRYER FEED	PRK/LET					
11205W009	DRYER FEED	PRK/LET					
11205W010	DRYER FEED	PRK/LET					
11205W011	DRYER FEED	PRK/LET					
11205W012	DRYER FEED	PRK/LET					
11205W013	DRYER FEED	PRK/LET					
11205W014	DRYER FEED	PRK/LET					
11205W015	DRYER FEED	PRK/LET					
11205W016	DRYER FEED	PRK/LET					
11205W017	DRYER FEED	PRK/LET					
11205W018	DRYER FEED	PRK/LET					
11205W019	DRYER FEED	PRK/LET					
11205W020	DRYER FEED	PRK/LET					
11205W021	DRYER FEED	PRK/LET					
11205W022	DRYER FEED	PRK/LET					
11205W023	DRYER FEED	PRK/LET					
11205W024	DRYER FEED	PRK/LET					
11205W025	DRYER FEED	PRK/LET					
11205W026	DRYER FEED	PRK/LET					
11205W027	DRYER FEED	PRK/LET					
11205W028	DRYER FEED	PRK/LET					
11205W029	DRYER FEED	PRK/LET					
11205W030	DRYER FEED	PRK/LET					
11205W031	DRYER FEED	PRK/LET					
11205W032	DRYER FEED	PRK/LET					
11205W033	DRYER FEED	PRK/LET					
11205W034	DRYER FEED	PRK/LET					
11205W035	DRYER FEED	PRK/LET					
11205W036	DRYER FEED	PRK/LET					
11205W037	DRYER FEED	PRK/LET					
11205W038	DRYER FEED	PRK/LET					
11205W039	DRYER FEED	PRK/LET					
11205W040	DRYER FEED	PRK/LET					
11205W041	DRYER FEED	PRK/LET					
11205W042	DRYER FEED	PRK/LET					
11205W043	DRYER FEED	PRK/LET					
11205W044	DRYER FEED	PRK/LET					
11205W045	DRYER FEED	PRK/LET					
11205W046	DRYER FEED	PRK/LET					
11205W047	DRYER FEED	PRK/LET					
11205W048	DRYER FEED	PRK/LET					
11205W049	DRYER FEED	PRK/LET					
11205W050	DRYER FEED	PRK/LET					
11205W051	DRYER FEED	PRK/LET					
11205W052	DRYER FEED	PRK/LET					
11205W053	DRYER FEED	PRK/LET					
11205W054	DRYER FEED	PRK/LET					
11205W055	DRYER FEED	PRK/LET					
11205W056	DRYER FEED	PRK/LET					
11205W057	DRYER FEED	PRK/LET					
11205W058	DRYER FEED	PRK/LET					
11205W059	DRYER FEED	PRK/LET					
11205W060	DRYER FEED	PRK/LET					
11205W061	DRYER FEED	PRK/LET					
11205W062	DRYER FEED	PRK/LET					
11205W063	DRYER FEED	PRK/LET					



LINE NUMBER	CLASS	PIPE CLASS	PIPE SIZE	PIPE SCHED	WALL THKN	MATH TYPE	DESIGN PRESS	DESIGN TEMP	OPER PRESS	OPER TEMP	INSUL THKN	
11205-007	E	E1E	H60	40	.322"	SA-312 (F.S.P.)	600	400	600	350	2"	
11205-007	E	E1E	H60	14	40	.438"	SA-312 (F.S.P.)	600	400	600	350	2"



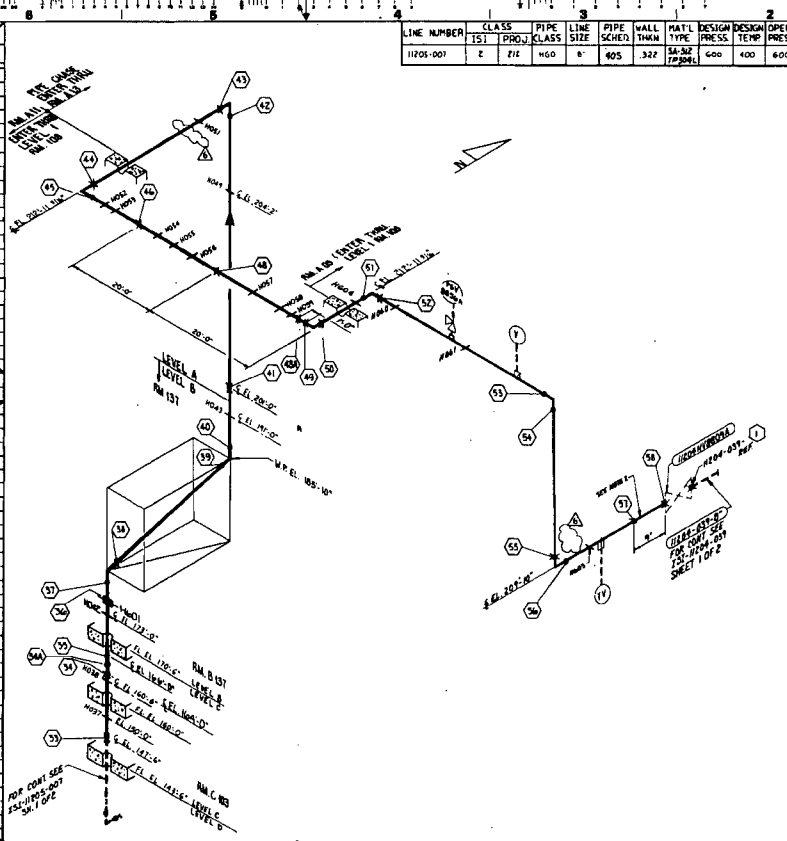
LEGEND:
 1. [Symbol] INDICATES FIELD WELD.
 2. [Symbol] INDICATES INTEGRALLY WELDED SUPPORT ATTACHMENT.
 3. [Symbol] INDICATES SHOP WELD.
 4. [Symbol] INDICATES PIPE SUPPORT.

REFERENCE DRAWINGS:
 P & ID: 11205-007-01, 11205-007-02, 11205-007-03, 11205-007-04, 11205-007-05, 11205-007-06, 11205-007-07, 11205-007-08, 11205-007-09, 11205-007-10, 11205-007-11, 11205-007-12, 11205-007-13, 11205-007-14, 11205-007-15, 11205-007-16, 11205-007-17, 11205-007-18, 11205-007-19, 11205-007-20, 11205-007-21, 11205-007-22, 11205-007-23, 11205-007-24, 11205-007-25, 11205-007-26, 11205-007-27, 11205-007-28, 11205-007-29, 11205-007-30, 11205-007-31, 11205-007-32, 11205-007-33, 11205-007-34, 11205-007-35, 11205-007-36, 11205-007-37, 11205-007-38, 11205-007-39, 11205-007-40, 11205-007-41, 11205-007-42, 11205-007-43, 11205-007-44, 11205-007-45, 11205-007-46, 11205-007-47, 11205-007-48, 11205-007-49, 11205-007-50, 11205-007-51, 11205-007-52, 11205-007-53, 11205-007-54, 11205-007-55, 11205-007-56, 11205-007-57, 11205-007-58, 11205-007-59, 11205-007-60, 11205-007-61, 11205-007-62, 11205-007-63, 11205-007-64, 11205-007-65, 11205-007-66, 11205-007-67, 11205-007-68, 11205-007-69, 11205-007-70, 11205-007-71, 11205-007-72, 11205-007-73, 11205-007-74, 11205-007-75, 11205-007-76, 11205-007-77, 11205-007-78, 11205-007-79, 11205-007-80, 11205-007-81, 11205-007-82, 11205-007-83, 11205-007-84, 11205-007-85, 11205-007-86, 11205-007-87, 11205-007-88, 11205-007-89, 11205-007-90, 11205-007-91, 11205-007-92, 11205-007-93, 11205-007-94, 11205-007-95, 11205-007-96, 11205-007-97, 11205-007-98, 11205-007-99, 11205-007-100.

NOTES:
 1. SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 2. DELETED.
 3. FOR PIPE WELD END PREP SEE BECHTEL Dwg. AND/ROCI APPENDIX D. (LIND.)

WELD NO.	WELD CLASS	PIPE CLASS	PIPE SIZE	PIPE SCHED	WALL THKN	MATH TYPE	DESIGN PRESS	DESIGN TEMP	OPER PRESS	OPER TEMP	INSUL THKN
W01.0	E	E1E	H60	40	.322"	SA-312 (F.S.P.)	600	400	600	350	2"
W01.1	E	E1E	H60	40	.322"	SA-312 (F.S.P.)	600	400	600	350	2"
W01.2	E	E1E	H60	40	.322"	SA-312 (F.S.P.)	600	400	600	350	2"
W01.3	E	E1E	H60	40	.322"	SA-312 (F.S.P.)	600	400	600	350	2"
W01.4	E	E1E	H60	40	.322"	SA-312 (F.S.P.)	600	400	600	350	2"
W01.5	E	E1E	H60	40	.322"	SA-312 (F.S.P.)	600	400	600	350	2"
W01.6	E	E1E	H60	40	.322"	SA-312 (F.S.P.)	600	400	600	350	2"
W01.7	E	E1E	H60	40	.322"	SA-312 (F.S.P.)	600	400	600	350	2"
W01.8	E	E1E	H60	40	.322"	SA-312 (F.S.P.)	600	400	600	350	2"
W01.9	E	E1E	H60	40	.322"	SA-312 (F.S.P.)	600	400	600	350	2"
W01.10	E	E1E	H60	40	.322"	SA-312 (F.S.P.)	600	400	600	350	2"
W01.11	E	E1E	H60	40	.322"	SA-312 (F.S.P.)	600	400	600	350	2"
W01.12	E	E1E	H60	40	.322"	SA-312 (F.S.P.)	600	400	600	350	2"
W01.13	E	E1E	H60	40	.322"	SA-312 (F.S.P.)	600	400	600	350	2"
W01.14	E	E1E	H60	40	.322"	SA-312 (F.S.P.)	600	400	600	350	2"
W01.15	E	E1E	H60	40	.322"	SA-312 (F.S.P.)	600	400	600	350	2"
W01.16	E	E1E	H60	40	.322"	SA-312 (F.S.P.)	600	400	600	350	2"
W01.17	E	E1E	H60	40	.322"	SA-312 (F.S.P.)	600	400	600	350	2"
W01.18	E	E1E	H60	40	.322"	SA-312 (F.S.P.)	600	400	600	350	2"
W01.19	E	E1E	H60	40	.322"	SA-312 (F.S.P.)	600	400	600	350	2"
W01.20	E	E1E	H60	40	.322"	SA-312 (F.S.P.)	600	400	600	350	2"
W01.21	E	E1E	H60	40	.322"	SA-312 (F.S.P.)	600	400	600	350	2"
W01.22	E	E1E	H60	40	.322"	SA-312 (F.S.P.)	600	400	600	350	2"
W01.23	E	E1E	H60	40	.322"	SA-312 (F.S.P.)	600	400	600	350	2"
W01.24	E	E1E	H60	40	.322"	SA-312 (F.S.P.)	600	400	600	350	2"
W01.25	E	E1E	H60	40	.322"	SA-312 (F.S.P.)	600	400	600	350	2"
W01.26	E	E1E	H60	40	.322"	SA-312 (F.S.P.)	600	400	600	350	2"
W01.27	E	E1E	H60	40	.322"	SA-312 (F.S.P.)	600	400	600	350	2"
W01.28	E	E1E	H60	40	.322"	SA-312 (F.S.P.)	600	400	600	350	2"
W01.29	E	E1E	H60	40	.322"	SA-312 (F.S.P.)	600	400	600	350	2"
W01.30	E	E1E	H60	40	.322"	SA-312 (F.S.P.)	600	400	600	350	2"
W01.31	E	E1E	H60	40	.322"	SA-312 (F.S.P.)	600	400	600	350	2"
W01.32	E	E1E	H60	40	.322"	SA-312 (F.S.P.)	600	400	600	350	2"
W01.33	E	E1E	H60	40	.322"	SA-312 (F.S.P.)	600	400	600	350	2"
W01.34	E	E1E	H60	40	.322"	SA-312 (F.S.P.)	600	400	600	350	2"
W01.35	E	E1E	H60	40	.322"	SA-312 (F.S.P.)	600	400	600	350	2"
W01.36	E	E1E	H60	40	.322"	SA-312 (F.S.P.)	600	400	600	350	2"
W01.37	E	E1E	H60	40	.322"	SA-312 (F.S.P.)	600	400	600	350	2"
W01.38	E	E1E	H60	40	.322"	SA-312 (F.S.P.)	600	400	600	350	2"
W01.39	E	E1E	H60	40	.322"	SA-312 (F.S.P.)	600	400	600	350	2"
W01.40	E	E1E	H60	40	.322"	SA-312 (F.S.P.)	600	400	600	350	2"
W01.41	E	E1E	H60	40	.322"	SA-312 (F.S.P.)	600	400	600	350	2"
W01.42	E	E1E	H60	40	.322"	SA-312 (F.S.P.)	600	400	600	350	2"
W01.43	E	E1E	H60	40	.322"	SA-312 (F.S.P.)	600	400	600	350	2"
W01.44	E	E1E	H60	40	.322"	SA-312 (F.S.P.)	600	400	600	350	2"
W01.45	E	E1E</									

EQUIPMENT OR WELD IDENTIFICATION NO.	WELD OR EQUIP. DESCRIP.	PART. IDENT. NO.	EXAM. METHOD	EXAMINATION METHOD AND ITEM NO.			
				YOL	SURF	VT1	VT2
W021-007-1001
W021-007-1002
W021-007-1003
W021-007-1004
W021-007-1005
W021-007-1006
W021-007-1007
W021-007-1008
W021-007-1009
W021-007-1010
W021-007-1011
W021-007-1012
W021-007-1013
W021-007-1014
W021-007-1015
W021-007-1016
W021-007-1017
W021-007-1018
W021-007-1019
W021-007-1020
W021-007-1021
W021-007-1022
W021-007-1023
W021-007-1024
W021-007-1025
W021-007-1026
W021-007-1027
W021-007-1028
W021-007-1029
W021-007-1030
W021-007-1031
W021-007-1032
W021-007-1033
W021-007-1034
W021-007-1035
W021-007-1036
W021-007-1037
W021-007-1038
W021-007-1039
W021-007-1040
W021-007-1041
W021-007-1042
W021-007-1043
W021-007-1044
W021-007-1045
W021-007-1046
W021-007-1047
W021-007-1048
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W021-007-1072
W021-007-1073
W021-007-1074
W021-007-1075
W021-007-1076
W021-007-1077
W021-007-1078
W021-007-1079
W021-007-1080
W021-007-1081
W021-007-1082
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W021-007-1087
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W021-007-1089
W021-007-1090
W021-007-1091
W021-007-1092
W021-007-1093
W021-007-1094
W021-007-1095
W021-007-1096
W021-007-1097
W021-007-1098
W021-007-1099
W021-007-1100



KEY PLAN LEVELS AB&C

LEGEND
 1- INDICATES FIELD WELD
 2- INDICATES INTEGRALLY WELDED SUPPORT ATTACHMENT
 3- INDICATES SHAP WELD
 4- INDICATES PIPE SUPPORT

REFERENCE DWGS:
 P & ID - 11400B21 & 122
 FAB 150 - 1141000-007-010/016
 1141000-007-011/012

PIPING LAYOUT DWG - 1141000-007-003 & 004
 1141000-007-005, 006, 007, 008 & 009

CIVIL STRUCTURAL - 1141000-007-001 & 002
 HANGER DETAIL DWG - 1141000-007-003
 1141000-007-004, 005, 006, 007, 008, 009, 010, 011, 012, 013, 014, 015, 016, 017, 018, 019, 020, 021, 022, 023, 024, 025, 026, 027, 028, 029, 030, 031, 032, 033, 034, 035, 036, 037, 038, 039, 040, 041, 042, 043, 044, 045, 046, 047, 048, 049, 050, 051, 052, 053, 054, 055, 056, 057, 058, 059, 060, 061, 062, 063, 064, 065, 066, 067, 068, 069, 070, 071, 072, 073, 074, 075, 076, 077, 078, 079, 080, 081, 082, 083, 084, 085, 086, 087, 088, 089, 090, 091, 092, 093, 094, 095, 096, 097, 098, 099, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

NOTES
 1- SEE IS1 PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 2- FROM WELD NO. 1001 TO WELD NO. 1002, PIPE COUNTERS TO MATCH 5" OD PIPE. SEE BECHTEL DUG AX440001 APPENDIX D (UNQ).
 3- FOR PIPE WELD END PREP. SEE BECHTEL DUG AX440001 APPENDIX D (UNQ).

ISSUED FOR INSPECTION

Southern Company Services, Inc.
Georgia Power Company

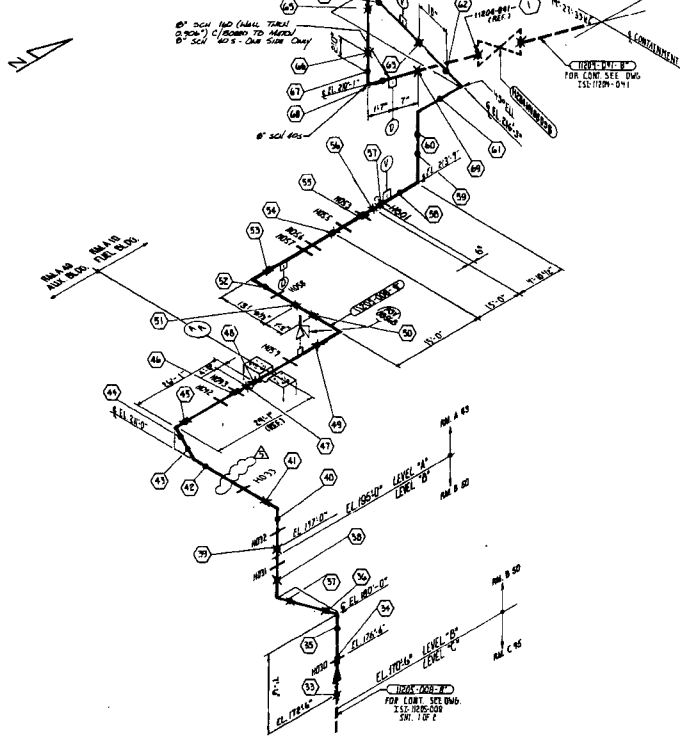
VOGTEL ELECTRIC GENERATING PLANT
UNIT I-LINE NO 007
INSERVICE INSPECTION ISOMETRIC
RESIDUAL HEAT REMOVAL-SYSTEM 1205

DATE: 11-17-86
 DRAWN: RLB
 CHECKED: JWC
 APPROVED: JWC

NO.	DATE	BY	REVISION
1	11-17-86	RKB	ISSUED FOR INSPECTION
2	11-17-86	JWC	ADDED NEW WELD NOS 1001 & 1002
3	11-17-86	JWC	DELETED WELD NOS 1001 & 1002
4	11-17-86	JWC	REVISED EQUIPMENT DESCRIPTIONS
5	11-17-86	JWC	REVISED EQUIPMENT IDENTIFICATION NO
6	11-17-86	JWC	REVISED REFERENCES
7	11-17-86	JWC	ADDED HANGERS H001 & H002
8	11-17-86	JWC	ADDED WELDS 1001 & 1002
9	11-17-86	JWC	ADDED WELD 1003
10	11-1		

EQUIPMENT OR WELD IDENTIFICATION NUMBER	WELD OR EQUIP. DESCRIP.	PART EXAMINED (SEE NOTE NO. 1)	EXAM. REQUIREMENT FIG.	EXAMINATION METHOD AND ITEM NO.					
				VOL.	SURF.	V1	V2	V3	V4
11205-008-0100	PIPE	PIPE	IMP-800-1						
W01	PIPE	PIPE	IMP-800-1						
W02	PIPE	PIPE	IMP-800-1						
W03	PIPE	PIPE	IMP-800-1						
W04	PIPE	PIPE	IMP-800-1						
W05	PIPE	PIPE	IMP-800-1						
W06	PIPE	PIPE	IMP-800-1						
W07	PIPE	PIPE	IMP-800-1						
W08	PIPE	PIPE	IMP-800-1						
W09	PIPE	PIPE	IMP-800-1						
W10	PIPE	PIPE	IMP-800-1						
W11	PIPE	PIPE	IMP-800-1						
W12	PIPE	PIPE	IMP-800-1						
W13	PIPE	PIPE	IMP-800-1						
W14	PIPE	PIPE	IMP-800-1						
W15	PIPE	PIPE	IMP-800-1						
W16	PIPE	PIPE	IMP-800-1						
W17	PIPE	PIPE	IMP-800-1						
W18	PIPE	PIPE	IMP-800-1						
W19	PIPE	PIPE	IMP-800-1						
W20	PIPE	PIPE	IMP-800-1						
W21	PIPE	PIPE	IMP-800-1						
W22	PIPE	PIPE	IMP-800-1						
W23	PIPE	PIPE	IMP-800-1						
W24	PIPE	PIPE	IMP-800-1						
W25	PIPE	PIPE	IMP-800-1						
W26	PIPE	PIPE	IMP-800-1						
W27	PIPE	PIPE	IMP-800-1						
W28	PIPE	PIPE	IMP-800-1						
W29	PIPE	PIPE	IMP-800-1						
W30	PIPE	PIPE	IMP-800-1						
W31	PIPE	PIPE	IMP-800-1						
W32	PIPE	PIPE	IMP-800-1						
W33	PIPE	PIPE	IMP-800-1						
W34	PIPE	PIPE	IMP-800-1						
W35	PIPE	PIPE	IMP-800-1						
W36	PIPE	PIPE	IMP-800-1						
W37	PIPE	PIPE	IMP-800-1						
W38	PIPE	PIPE	IMP-800-1						
W39	PIPE	PIPE	IMP-800-1						
W40	PIPE	PIPE	IMP-800-1						
W41	PIPE	PIPE	IMP-800-1						
W42	PIPE	PIPE	IMP-800-1						
W43	PIPE	PIPE	IMP-800-1						
W44	PIPE	PIPE	IMP-800-1						
W45	PIPE	PIPE	IMP-800-1						
W46	PIPE	PIPE	IMP-800-1						
W47	PIPE	PIPE	IMP-800-1						
W48	PIPE	PIPE	IMP-800-1						
W49	PIPE	PIPE	IMP-800-1						
W50	PIPE	PIPE	IMP-800-1						

LINE NUMBER	CLASS	PIPE CLASS	PIPE SIZE	PIPE SCHED.	WALL THICK.	MATL TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	ANUL. THICK.
11205-008	2	212	8"	40S	.332	304	400	600	350	2"	



- LEGEND:**
- 1. * INDICATES FIELD WELD.
 - 2. ● INDICATES SHOP WELD.
 - 3. ● INDICATES INTERGRIFF WELDED SUPPORT ATTACHMENT.
 - 4. ⊕ CONTAINMENT PENETRATION.
 - 5. ⊕ BRANCH CONNECTION WELD.
 - 6. ⊕ PIPE RESTRAINT.
 - 7. — INDICATES PIPE SUPPORT.

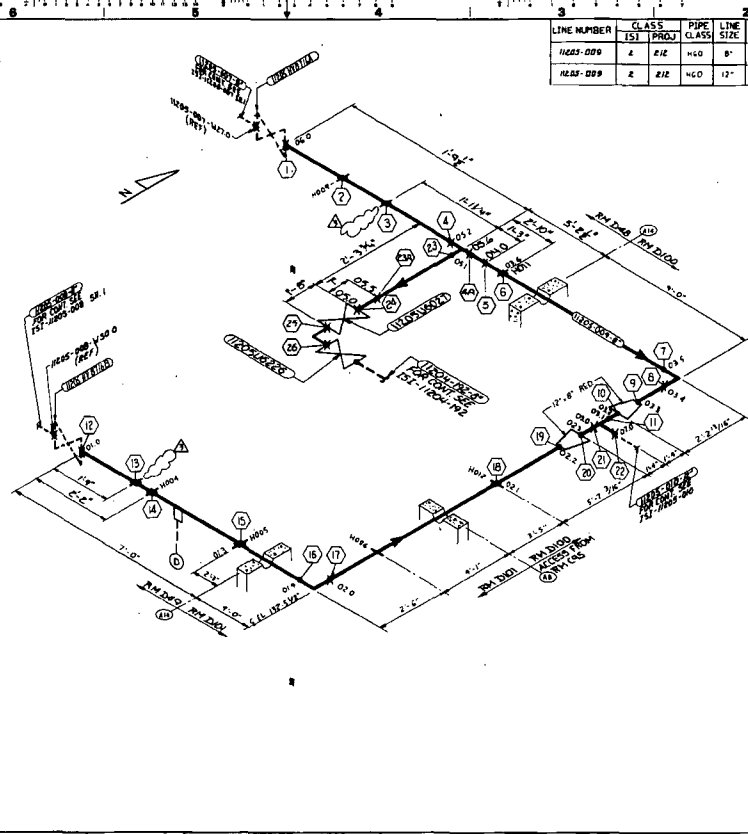
- REFERENCE DRAWINGS:**
- P&ID _____ 11408201, 122
 - P&ID _____ 11408201, 122
 - RT-1205-008-01/10
 - RT-1205-008-01/20
 - PIPING LAYOUT DWG. _____ 11408201, 903, 904, 905-1
 - CIVIL/STRUCTURAL _____ 11408201, 71, 11408201, 71, 11408201, 71
 - HANGER DETAIL DWGS _____ 11408201, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41
 - F-SHEETS _____ 11408201, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61

- NOTES:**
1. SEE 151 PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 2. FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX48001 APPENDIX D. (U.N.D.)

Southern Company Services, Inc.	
GEORGIA POWER COMPANY	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 1-LINE NO 008	
INSERVICE INSPECTION ISOMETRIC	
RESIDUAL HEAT REMOVAL-SYSTEM 1205	
DATE	151-1205-008 5

REVISION	DATE	DESCRIPTION
REVISION 3	DATE 11-17-85	ADDED WELD REFERENCE NUMBER AND HANGER H01.
REVISION 2	DATE 4-9-85	ADDED NEW WELD NOS DELETED HANGERS H02 & H04
REVISION 1	DATE 7-9-84	REVISED HANGERS H02, H04, H09
REVISION 0	DATE 5-8-84	ISSUED FOR INSPECTION

EQUIPMENT OR WELD IDENTIFICATION NO.	WELD OR EQUIP. DESCRIP.	PART EXAMINER'S WELD NO. 1	EXAM. REQUIRE. WELD FIG.	EXAMINATION METHOD AND ITEM NO.				
				VOL.	SURE	V11	V12	V13	V14
11205-007	PIPE WELD							
11205-008	PIPE WELD							
11205-009	PIPE WELD							
11205-010	PIPE WELD							
11205-011	PIPE WELD							
11205-012	PIPE WELD							
11205-013	PIPE WELD							
11205-014	PIPE WELD							
11205-015	PIPE WELD							
11205-016	PIPE WELD							
11205-017	PIPE WELD							
11205-018	PIPE WELD							
11205-019	PIPE WELD							
11205-020	PIPE WELD							
11205-021	PIPE WELD							
11205-022	PIPE WELD							
11205-023	PIPE WELD							
11205-024	PIPE WELD							
11205-025	PIPE WELD							
11205-026	PIPE WELD							
11205-027	PIPE WELD							
11205-028	PIPE WELD							
11205-029	PIPE WELD							
11205-030	PIPE WELD							
11205-031	PIPE WELD							
11205-032	PIPE WELD							
11205-033	PIPE WELD							
11205-034	PIPE WELD							
11205-035	PIPE WELD							
11205-036	PIPE WELD							
11205-037	PIPE WELD							
11205-038	PIPE WELD							
11205-039	PIPE WELD							
11205-040	PIPE WELD							
11205-041	PIPE WELD							
11205-042	PIPE WELD							
11205-043	PIPE WELD							
11205-044	PIPE WELD							
11205-045	PIPE WELD							
11205-046	PIPE WELD							
11205-047	PIPE WELD							
11205-048	PIPE WELD							
11205-049	PIPE WELD							
11205-050	PIPE WELD							
11205-051	PIPE WELD							
11205-052	PIPE WELD							
11205-053	PIPE WELD							
11205-054	PIPE WELD							
11205-055	PIPE WELD							
11205-056	PIPE WELD							
11205-057	PIPE WELD							
11205-058	PIPE WELD							
11205-059	PIPE WELD							
11205-060	PIPE WELD							
11205-061	PIPE WELD							
11205-062	PIPE WELD							
11205-063	PIPE WELD							
11205-064	PIPE WELD							
11205-065	PIPE WELD							
11205-066	PIPE WELD							
11205-067	PIPE WELD							
11205-068	PIPE WELD							
11205-069	PIPE WELD							
11205-070	PIPE WELD							



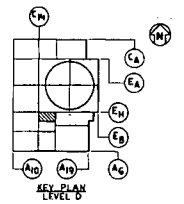
LINE NUMBER	CLASS	PIPE CLASS	PIPE SIZE	PIPE SCHED	WALL THICK	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THICK
11205-000	A	R1E	16.0	8	40.8	SA-312 TP-304	600	400	600	250	1.5
11205-001	Z	R1E	16.0	17	40.8	SA-312 TP-304	600	400	600	250	2.8

LEGEND:
 1 X INDICATES FIELD WELD.
 2 * INDICATES INTEGRALLY WELDED SUPPORT ATTACHMENT.
 3 * INDICATES SHOP WELD.
 4 - INDICATES PIPE SUPPORT

REFERENCE DRAWINGS:
 P & ID ----- 114V0122
 FAB ISO ----- W3-1205-009-01
 W3-1204-078-01

PIPING LAYOUT DWG. ----- 114V0122 & E07
 CIVIL/STRUCTURAL ----- A12D08002
 HANGER DETAIL DWG. ----- 11-1205-000-1003
 THRU 11000, 11008 & 11009, 11011 & 11012
 F-SHEETS ----- F-786 THRU F-789
 ISI CLASS. DWG. ----- ISI-0-047

NOTES:
 1. SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 2. FOR PIPE WELD END PREP SEE BECTEL DWG. A11D001 APPENDIX D (UNCL).
 3. THESE WELDS ARE NUMBERED AS FOLLOWS ON FAB ISO:



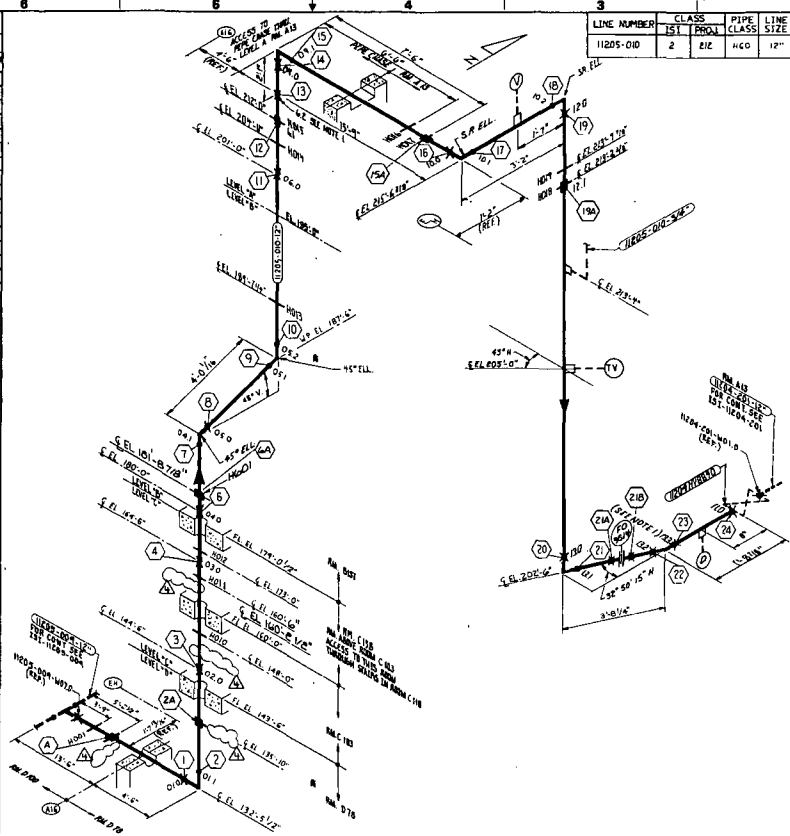
NO.	DATE	BY	DESCRIPTION
1	11-28-81	DRG	ISSUED FOR INSPECTION
2	11-28-81	DRG	ADDED WELD NUMBERS 29 & 20, AND ADDED VALVE 1120506226. REMOVED HOLDS.
3	11-28-81	DRG	ADDED WELD NUMBERS 023, 024, 025, 026, 027, 028, 029, 030, 031, 032, 033, 034, 035, 036, 037, 038, 039, 040, 041, 042, 043, 044, 045, 046, 047, 048, 049, 050, 051, 052, 053, 054, 055, 056, 057, 058, 059, 060, 061, 062, 063, 064, 065, 066, 067, 068, 069, 070.
4	11-28-81	DRG	ADDED WELD NUMBERS 023, 024, 025, 026, 027, 028, 029, 030, 031, 032, 033, 034, 035, 036, 037, 038, 039, 040, 041, 042, 043, 044, 045, 046, 047, 048, 049, 050, 051, 052, 053, 054, 055, 056, 057, 058, 059, 060, 061, 062, 063, 064, 065, 066, 067, 068, 069, 070.
5	11-28-81	DRG	ADDED WELD NUMBERS 023, 024, 025, 026, 027, 028, 029, 030, 031, 032, 033, 034, 035, 036, 037, 038, 039, 040, 041, 042, 043, 044, 045, 046, 047, 048, 049, 050, 051, 052, 053, 054, 055, 056, 057, 058, 059, 060, 061, 062, 063, 064, 065, 066, 067, 068, 069, 070.
6	11-28-81	DRG	ADDED WELD NUMBERS 023, 024, 025, 026, 027, 028, 029, 030, 031, 032, 033, 034, 035, 036, 037, 038, 039, 040, 041, 042, 043, 044, 045, 046, 047, 048, 049, 050, 051, 052, 053, 054, 055, 056, 057, 058, 059, 060, 061, 062, 063, 064, 065, 066, 067, 068, 069, 070.
7	11-28-81	DRG	ADDED WELD NUMBERS 023, 024, 025, 026, 027, 028, 029, 030, 031, 032, 033, 034, 035, 036, 037, 038, 039, 040, 041, 042, 043, 044, 045, 046, 047, 048, 049, 050, 051, 052, 053, 054, 055, 056, 057, 058, 059, 060, 061, 062, 063, 064, 065, 066, 067, 068, 069, 070.
8	11-28-81	DRG	ADDED WELD NUMBERS 023, 024, 025, 026, 027, 028, 029, 030, 031, 032, 033, 034, 035, 036, 037, 038, 039, 040, 041, 042, 043, 044, 045, 046, 047, 048, 049, 050, 051, 052, 053, 054, 055, 056, 057, 058, 059, 060, 061, 062, 063, 064, 065, 066, 067, 068, 069, 070.

Southern Company Services, Inc.
 Georgia Power Company
 VOGTLE ELECTRIC GENERATING PLANT
 UNIT 1-LINE NO. 009
 INSERVICE INSPECTION ISOMETRIC
 RESIDUAL HEAT REMOVAL-SYSTEM 1205

ISSUED FOR INSPECTION

DRG 1/23

EQUIPMENT OR WELD IDENTIFICATION NO.	WELD OR EQUIP. DESCRIP.	PART EXAM. REQUIRE. NO.	EXAM. METHOD	EXAMINATION METHOD AND ITEM NO.			
				VOL.	SURF.	VT1	VT2
11205-010-H001	WELD	1	VT				
H001							
H002							
H003							
H004							
H010							
H011							
H012							
H013							
H014							
H015							
H016							
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H100							



LINE NUMBER	CLASS	PIPE CLASS	PIPE LINE SIZE	PIPE SCHED	WALL THICK	MATL TYPE	DESIGN PRESS	DESIGN TEMP	OPERT PRESS	OPERT TEMP	INSUL THICK	
11205-010	2	212	HCO	12"	405	.375	SA312	600	400	600	250	2.0

LEGEND:
 1. X INDICATES FIELD WELD.
 2. # INDICATES INTEGRALLY WELDED SUPPORT ATTACHMENT.
 3. * INDICATES SHOP WELD.
 4. - INDICATES PIPE SUPPORT.

REFERENCE DRAWINGS:
 P&ID ----- IK40821 & 122
 FAB ISO ----- IK3-1205-010-01,02 & 03
 PIPING LAYOUT DWG. ----- HV405306, G03, G04, G05, G06, G07, G08 & G09
 CIVIL/STRUCTURAL ----- AX2208A057 & 080
 HANGER DETAIL DWG ----- VH2205-010-H001, H002, H003, H004, H005, H006, H007, H008, H009, H010, H011 & H012 THRU H019, H020
 F-SHEETS ----- F-703 THRU 706, F-1300 & 01, & F-1305 THRU F-1307, 03 & 07
 ISI-CLASSIFICATION DWG. ISI-D-047

NOTES:
 1. THE SE WELDS ARE NUMBERED ON THE REFERENCE FAB ISO AS FOLLOWS
 1.3 = 010-W-118
 1.52 = 010-W03A
 2. SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATION
 3. FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX40001 APPENDIX D.(UN.C)

KEY PLAN
 LEVEL A,B,C & D

Southern Company Services, Inc.
 Georgia Power Company

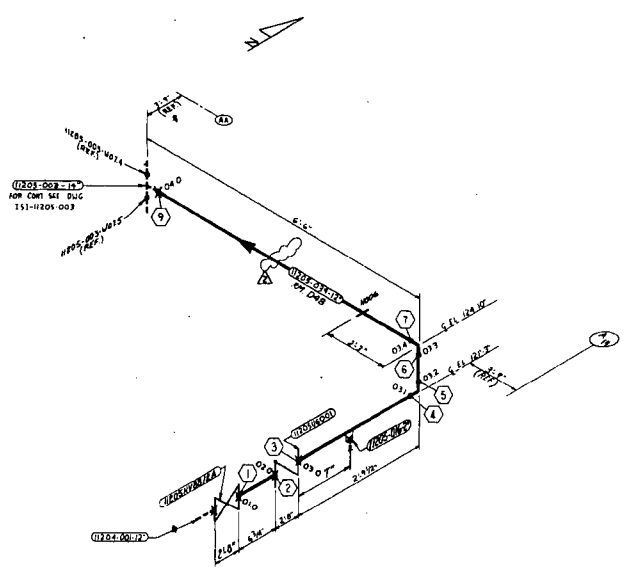
VOGTLE ELECTRIC GENERATING PLANT
 UNIT 1-LINE NO.010
 INSERVICE INSPECTION ISOMETRIC
 RESIDUAL HEAT REMOVAL-SYSTEM 1205

ISSUED FOR INSPECTION

REVISION	DATE	DESCRIPTION
1	5/22/81	DELETED HANGERS H003, H005, H008 AND H009 PER PCR. 91-026. VOIDED WELD LIST.
2	6-10-86	TOOK H011 OFF HOLD AND POSITIONED CORRECTLY. ADDED HOOD TO DRAWING. ADDED WELD G.A.
3	11-17-85	ADDED NEW WELD NOTS, FLANGES & DRIFTEX
4	4-9-85	ADDED NEW WELD NOTS. REVISED HANGERS H003, H005, H009, H011, H012, H013, H014, H015, H016, H017, H018, H019, H020, H021, H022, H023, H024, H025, H026, H027, H028, H029, H030, H031, H032, H033, H034, H035, H036, H037, H038, H039, H040, H041, H042, H043, H044, H045, H046, H047, H048, H049, H050, H051, H052, H053, H054, H055, H056, H057, H058, H059, H060, H061, H062, H063, H064, H065, H066, H067, H068, H069, H070, H071, H072, H073, H074, H075, H076, H077, H078, H079, H080, H081, H082, H083, H084, H085, H086, H087, H088, H089, H090, H091, H092, H093, H094, H095, H096, H097, H098, H099, H100. DELETED WELD 12.1 & ROOM NUMBER. REVISED NOTES. REVISED EQUIPMENT DESCRIPTION. REVISED ITEM NUMBER.

EQUIPMENT OR WELD IDENTIFICATION NO.	WELD OR EQUIP. DESCRIP.	PART EXAMINED NO. 11	EXAM. METHOD FIG.	EXAMINATION METHOD AND ITEM NO.			
				VOL.	SURE	VT1	VT2	VT3	VT4
1205-031-001	SAFETY VALVE	1205-031-001	VT1				
1205-031-002	SAFETY VALVE	1205-031-002	VT1				
1205-031-003	SAFETY VALVE	1205-031-003	VT1				
1205-031-004	SAFETY VALVE	1205-031-004	VT1				
1205-031-005	SAFETY VALVE	1205-031-005	VT1				
1205-031-006	SAFETY VALVE	1205-031-006	VT1				
1205-031-007	SAFETY VALVE	1205-031-007	VT1				
1205-031-008	SAFETY VALVE	1205-031-008	VT1				
1205-031-009	SAFETY VALVE	1205-031-009	VT1				
1205-031-010	SAFETY VALVE	1205-031-010	VT1				
1205-031-011	SAFETY VALVE	1205-031-011	VT1				
1205-031-012	SAFETY VALVE	1205-031-012	VT1				
1205-031-013	SAFETY VALVE	1205-031-013	VT1				
1205-031-014	SAFETY VALVE	1205-031-014	VT1				
1205-031-015	SAFETY VALVE	1205-031-015	VT1				

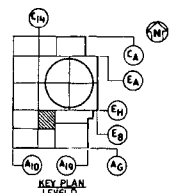
LINE NUMBER	CLASS	PIPE CLASS	PIPE SIZE	PIPE SCHED.	WALL THK.	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THK.
1205-031	2	C1E	160	12"	40S	A307	1500	400	450	350	2.0



LEGEND:
 1-W INDICATES FIELD WELD
 2-W INDICATES SHOP WELD
 3-W INDICATES INTEGRALLY WELDED SUPPORT ATTACHMENT
 4- PIPE SUPPORT

REFERENCE DRAWINGS:
 P & ID _____ 120503122
 FAB ISO _____ 1205-031-018-01
 PIPING LAYOUT DWG _____ 120503106
 CIVIL/STRUCTURAL _____ 120503104
 HANGER DETAIL DWGS _____ 1205-031-H006 & H007
 F-SHEETS _____ F-150, F-151
 ISI CLASSIFICATION DWG. ISI-D-047

NOTES:
 1. FOR PIPE WELD END PROD. SEE BECHTEL DWG. APPENDIX D (CLIN 03)
 2. SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.



REVISION	DATE	DESCRIPTION	BY	CHECKED	DATE	REVISION	DATE	DESCRIPTION	BY	CHECKED	DATE
1	11-29-83	ISSUED FOR INSPECTION	BCE	BMS	7/	2	5-23-81	DELETED HANGER HOOD PER P&ID. VOIDED WELD LIST.	WS	CUP	8/4
3	4-17-85	ADDED NEW WELD NOS. REVISED REFERENCE NOTES (LEGEND). ADDED EQUIPMENT IDENTIFICATION NO. ADDED ROOM NUMBER. REVISED HANGER HOOD.	WS	CUP	8/4	4	5-23-81	ADDED NEW WELD NOS. REVISED REFERENCE NOTES (LEGEND). ADDED EQUIPMENT IDENTIFICATION NO. ADDED ROOM NUMBER. REVISED HANGER HOOD.	WS	CUP	8/4

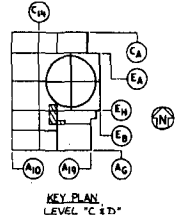
Southern Company Services, Inc.
 Georgia Power Company
 VOGTLE ELECTRIC GENERATING PLANT
 UNIT 1 - LINE NO. 0319
 INSERVICE INSPECTION ISOMETRIC
 RESIDUAL HEAT REMOVAL - SYSTEM 1205

NO.	DATE	BY	CHECKED	DATE	NO.	DATE	BY	CHECKED	DATE
1	11-29-83	BCE	BMS	7/	2	5-23-81	WS	CUP	8/4

SCALE: 1/8" = 1'-0"

200-90211-1S1

LINE NUMBER	CLASS	PIPE	LINE	PIPE	WALL	MATL	DESIGN	DESIGN	OPER.	OPER.	INSUL.	
	ISI	PROJ.	CLASS	SIZE	SCHED.	THICK.	TYPE	PRESS.	TEMP.	PRESS.	TEMP.	THICK.
11206-002	E	Z12	LL1	12"	40S	.375	TP304L	150	300	6.5	AMB	N/A
11206-002	E	Z12	LL1	10"	40S	.360	TP304L	150	300	6.5	AMB	N/A



LEGEND:

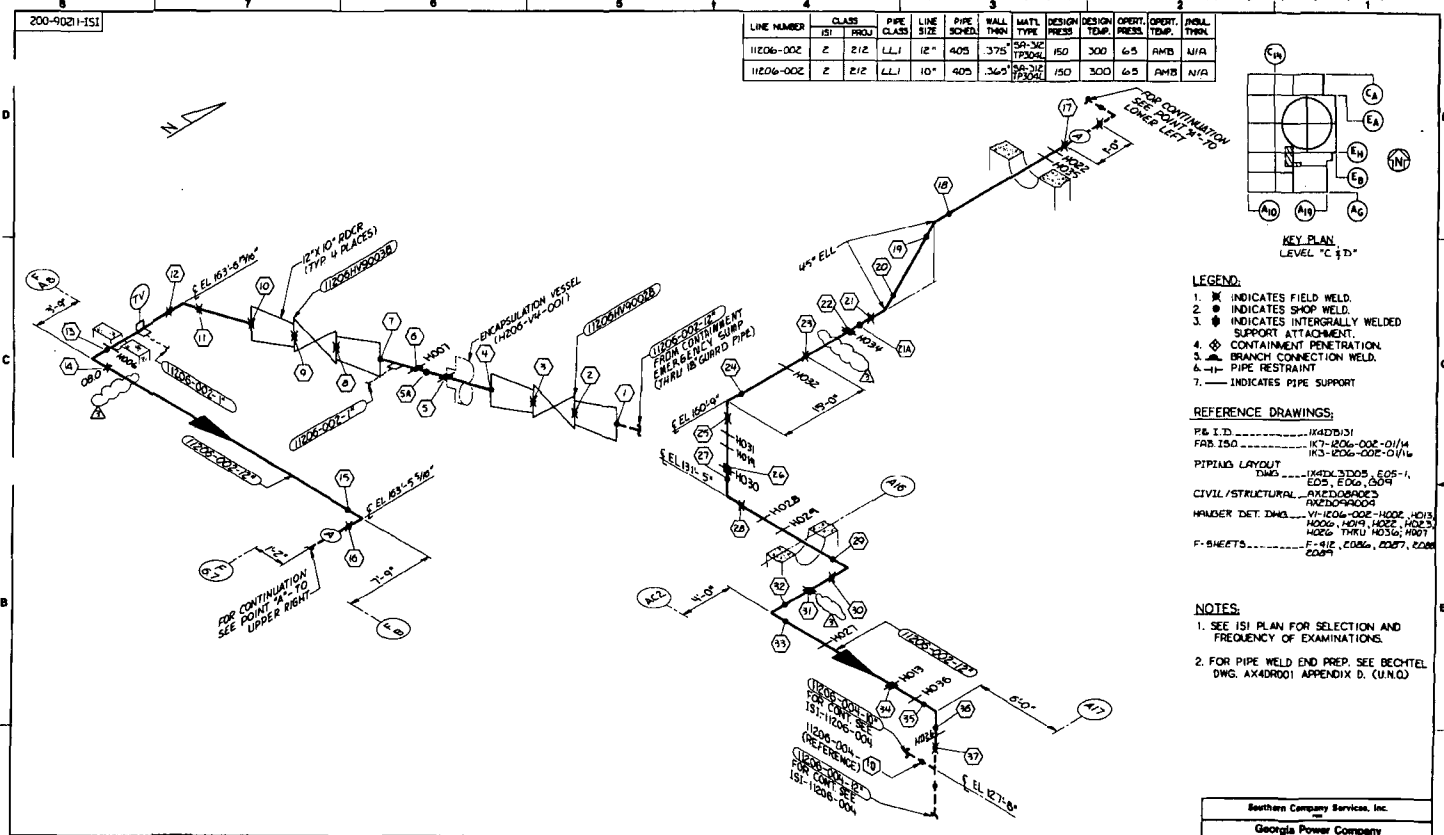
1. [Symbol] INDICATES FIELD WELD.
2. [Symbol] INDICATES SHOP WELD.
3. [Symbol] INDICATES INTERGRALLY WELDED SUPPORT ATTACHMENT.
4. [Symbol] CONTAINMENT PENETRATION.
5. [Symbol] BRANCH CONNECTION WELD.
6. [Symbol] PIPE RESTRAINT.
7. [Symbol] INDICATES PIPE SUPPORT.

REFERENCE DRAWINGS:

- P & I D. 11427B/31
- FAB. ISO. 1137-1206-002-01/14
- 1137-1206-002-01/16
- PIPING LAYOUT
ISOM. 11427B/31
- EDS. 11427B/31
- CIVIL/STRUCTURAL AXED. 11427B/31
- HAZARDOUS AREA DET. 11427B/31
- F-SHEETS 11427B/31

NOTES:

1. SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
2. FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX48001 APPENDIX D. (U.N.C.)



REVISION	DATE	DESCRIPTION
1	11-11-85	ISSUED FOR INSPECTION
2	10-10-84	ADDED WELD Z1A & 5A
3	08-28-87	GENERAL REVISION TO UPDATE DRAWING FOR ISI
4	05-22-88	DELETED HANGERS H00E, H023, AND H039 PER PCR 91.004

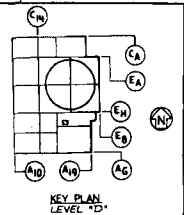
Southern Company Services, Inc.
Georgia Power Company
VOGTLE ELECTRIC GENERATING PLANT
UNIT 1 - LINE NO. 002
INSERVICE INSPECTION ISOMETRIC
CONTAINMENT SPRAY - SYSTEM 1206

CVD
CPFP
US

DATE: 11-11-85
SHEET: 3 OF 3

H00-9021-151

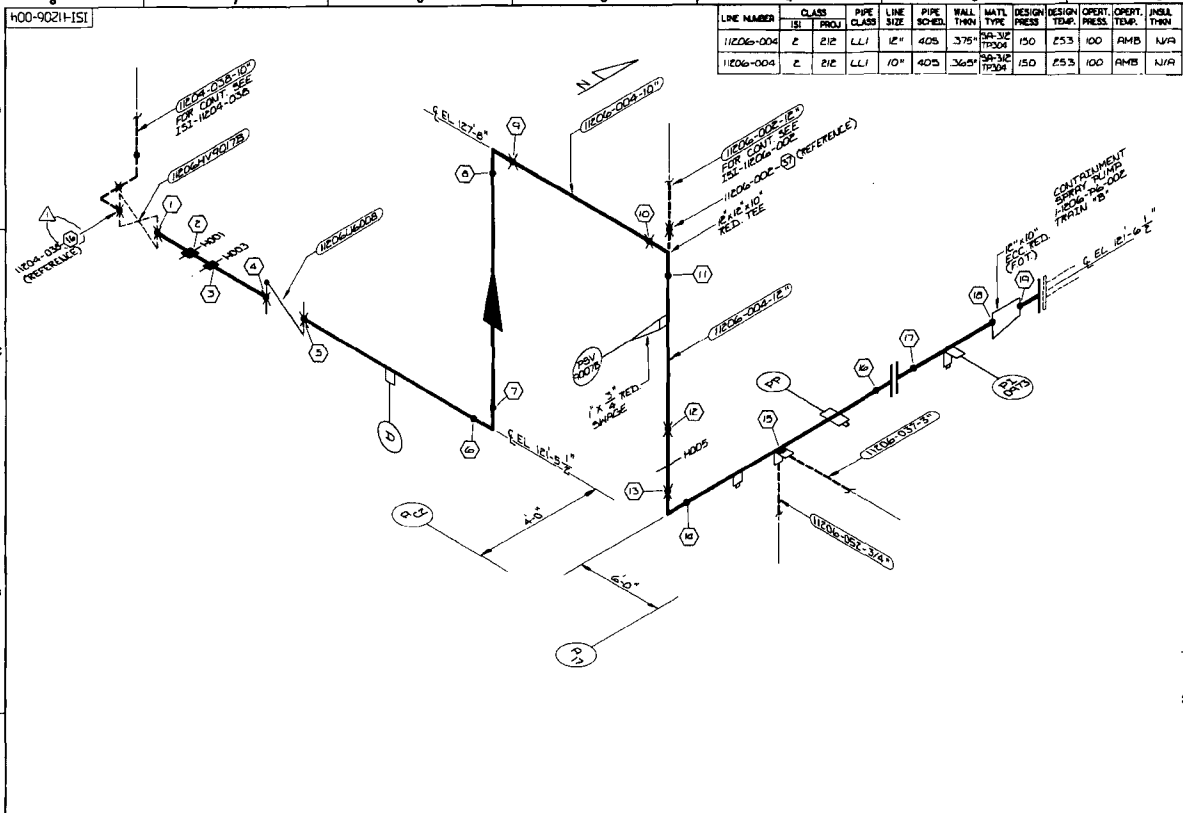
LINE NUMBER	CLASS	PIPE CLASS	LINE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THICK.
11206-004	Z	212	12"	405	3.75	SA-312 17004	150	253	100	RMB	N/A
11206-004	Z	212	10"	405	3.625	SA-312 17004	150	253	100	RMB	N/A



- LEGEND:
- INDICATES FIELD WELD
 - INDICATES SHOP WELD
 - INDICATES INTERGRALLY WELDED SUPPORT ATTACHMENT
 - CONTAINMENT PENETRATION
 - BRANCH CONNECTION WELD
 - PIPE RESTRAINT
 - INDICATES PIPE SUPPORT

- REFERENCE DRAWINGS:
- P&ID I-K42D131
 - FRD ID I-K3-1206-004-D1/30
 - PIPING LAYOUT DIMS I-K42D3009
 - CIVIL/STRUCTURAL AXZD08A000
 - HAULER DET. DIMS V-11206-004-H001
 - AXZD3_H005
 - F-SHETS F-168

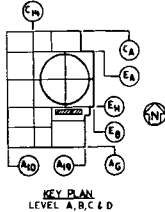
- NOTES:
- SEE IS1 PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - FOR PIPE WELD END PREP. SEE BECHTEL DWG. AXZD001 APPENDIX D. (UNQ)



Southern Company Services, Inc.										Georgia Power Company									
VOGTLE ELECTRIC GENERATING PLANT										UNIT 1-LINE NO. 004									
INSERVICE INSPECTION ISOMETRIC										CONTAINMENT SPRAY-SYSTEM 1206									
DATE: 5-28-87										DATE: 11-11-85									
GENERAL REVISION TO UPDATE DRAWING FOR IS1										ISSUED FOR INSPECTION									
BY: RLB GJR 99C										BY: PFT GJS CLR									

REV.	DATE	BY	CHKD	APP'D	REVISION
1	11-11-85	PFT	GJS	CLR	ISSUED FOR INSPECTION
2	5-28-87	RLB	GJR	99C	GENERAL REVISION TO UPDATE DRAWING FOR IS1

LINE NUMBER	CLASS	PIPE CLASS	PIPE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	UNCL. THICK.
11206-006	2	212	K60	8"	40S	SA-102 F-304	300	253	270	AMB	N/A

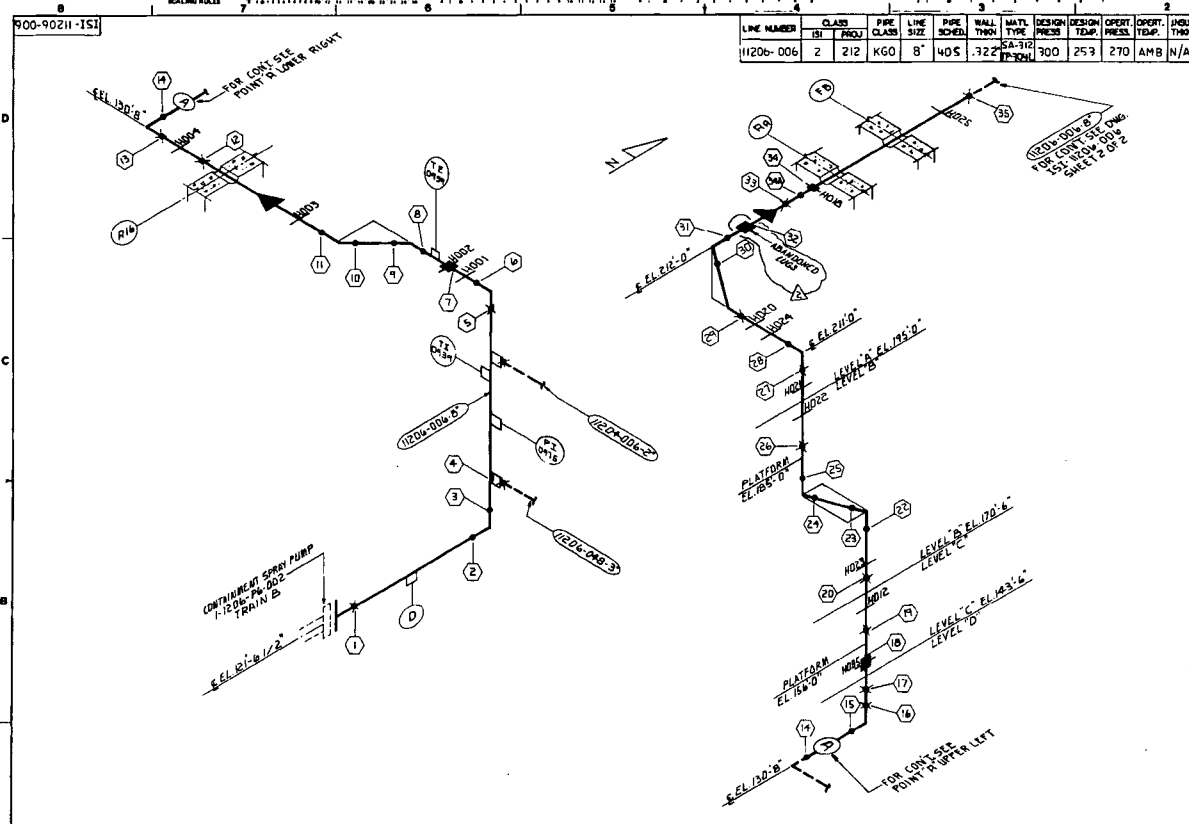


- LEGEND:**
- 1. [Symbol] INDICATES FIELD WELD.
 - 2. [Symbol] INDICATES SHOP WELD.
 - 3. [Symbol] INDICATES INTERGRIFF WELDED SUPPORT ATTACHMENT.
 - 4. [Symbol] CONTAINMENT PENETRATION.
 - 5. [Symbol] BRANCH CONNECTION WELD.
 - 6. [Symbol] PIPE RESTRAINT.
 - 7. [Symbol] INDICATES PIPE SUPPORT.

- REFERENCE DRAWINGS:**
- P&I.D. ----- IK4DB191
 - FAB ISO. ----- IK3-206-006-01/20
 - PIPING LAYOUT DWG. ----- IK4DL3609
 - CIVIL / STRUCTURAL ----- AX2008A002
 - HANGER DETAIL DWG. ----- W-1206-006-0001
 - H002, H003, H004
 - H005, H012, H018
 - H020, H021, H022
 - H023, H024, H025
 - F-SHEETS ----- F-1521, F-5340
 - F-5341, F-5409

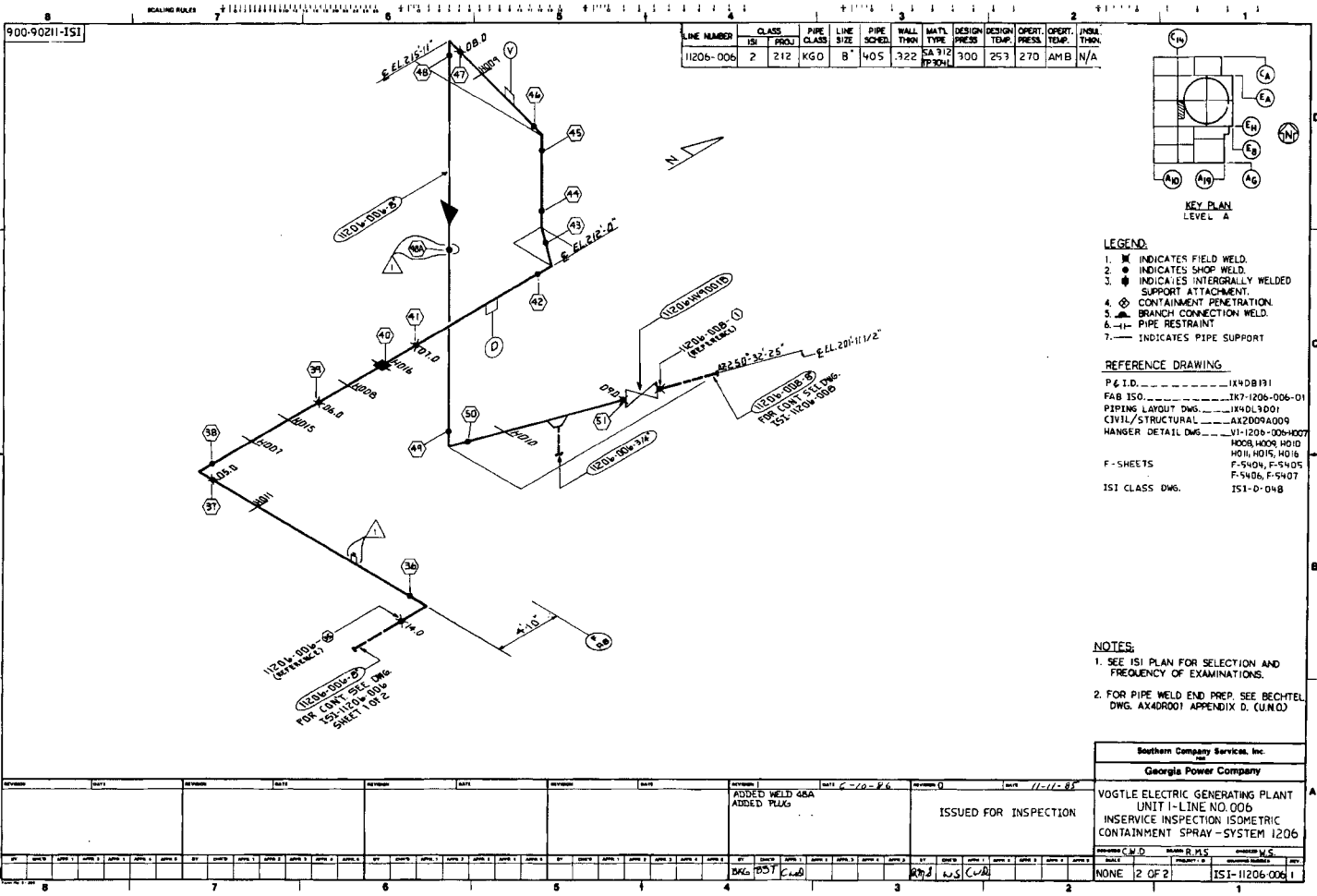
- NOTES:**
1. SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 2. FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX4DRO01 APPENDIX D. (U.N.D)

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT UNIT 1-LINE NO. 006 INSERVICE INSPECTION ISOMETRIC CONTAINMENT SPRAY-SYSTEM 1206	
DESIGNED BY: C.Y.D.	CHECKED BY: R.H.S.
DATE: 11-11-85	DATE: 11-11-85
SCALE: NONE	SCALE: 1 OF 2
DWG. NO: ISI-1206-006	SHEET NO: 2

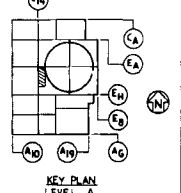


REVISION	DATE	DESCRIPTION
1	11-11-85	ISSUED FOR INSPECTION
2	6-11-86	DELETED WELD 21 REVISED LOCATION OF WELDS 34 & 30A
3	5-28-87	GENERAL REVISION TO UPDATE DRAWING FOR ISI

NO.	DATE	BY	CHECKED	APPROVED
1	11-11-85	C.Y.D.	R.H.S.	
2	6-11-86			
3	5-28-87			



LINE NUMBER	CLASS	PIPE SIZE	LINE SIZE	PIPE SCHED.	WALL THICK.	MATL TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSTR. TRNG.
1206-006	2	242	KGD	B	405	SA 312 TP304L	300	253	270	AMB	N/A



- LEGEND**
- 1. ✖ INDICATES FIELD WELD.
 - 2. ● INDICATES SHOP WELD.
 - 3. ◆ INDICATES INTERNALLY WELDED SUPPORT ATTACHMENT.
 - 4. ⊗ CONTAINMENT PENETRATION.
 - 5. ⊕ BRANCH CONNECTION WELD.
 - 6. -|- PIPE RESTRAINT.
 - 7. — INDICATES PIPE SUPPORT.

REFERENCE DRAWING

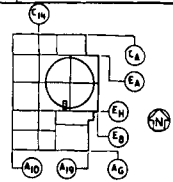
P.E.I.D.	1K40B131
FAB ISO.	1K7-1206-006-01
PIPING LAYOUT DWG.	1K40L3001
CIVIL/STRUCTURAL	AX2009A009
HANGER DETAIL DWG.	VI-1206-006-007
HOOD/HOOD HOID	HO1, HO15, HO16
F-SHEETS	F-5404, F-5405, F-5406, F-5407
ISI CLASS DWG.	ISI-D-048

- NOTES**
1. SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 2. FOR PIPE WELD END PREP SEE BECHTEL DWG. AX40001 APPENDIX D. (U/M/O)

Southern Service, Inc.	
Georgia Power Company	
ADDED WELD 40A	ISSUED FOR INSPECTION
ADDED PLUG	
DATE: 11-11-87	
APPROVED: C.M.D.	ISSUED BY: J.S.
DATE: 11-11-87	ISSUED DATE: 11-11-87
NONE	2 OF 2
1206-006	1

100-90211-151

LINE NUMBER	CLASS	PIPE CLASS	LINE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THICK.	
11206-007	2	212	LL1	8"	40S	0.322"	SA 312 PP 306	150	253	150	120	N/A
11206-007	2	212	LL1	6"	40S	0.280"	SA 312 PP 304H	150	253	150	120	N/A



KEY PLAN LEVEL 'A'

LEGEND:

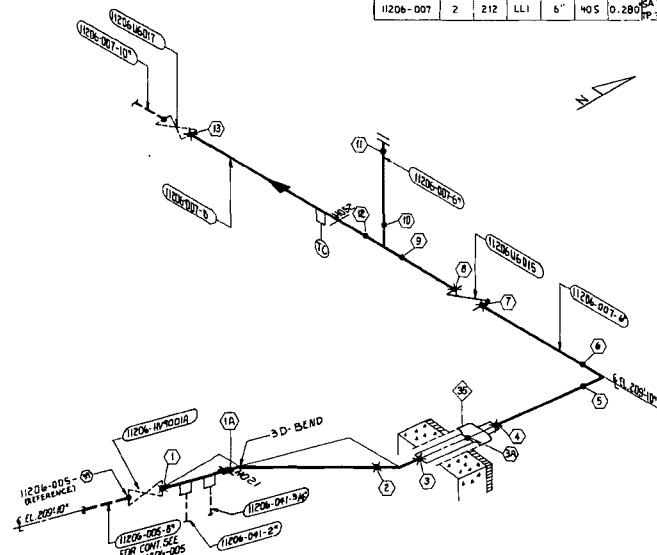
- INDICATES FIELD WELD.
- INDICATES SHOP WELD.
- INDICATES INTERGRALLY WELDED SUPPORT ATTACHMENT.
- CONTAINMENT PENETRATION.
- BRANCH CONNECTION WELD.
- PIPE RESTRAINT.

REFERENCE DRAWINGS:

- P&ID ----- 1140B/131
- FAB ISO ----- 114-200-007-07/11
- PIPING LAYOUT DWG. ----- 114-200-007-07/11
- CIVIL/STRUCTURAL ----- 114-200-007-07/11
- HANGER DETAIL DWG. ----- 114-200-007-07/11
- F SHEETS ----- F-5402, F-10459, F-10460, F-10704

NOTES:

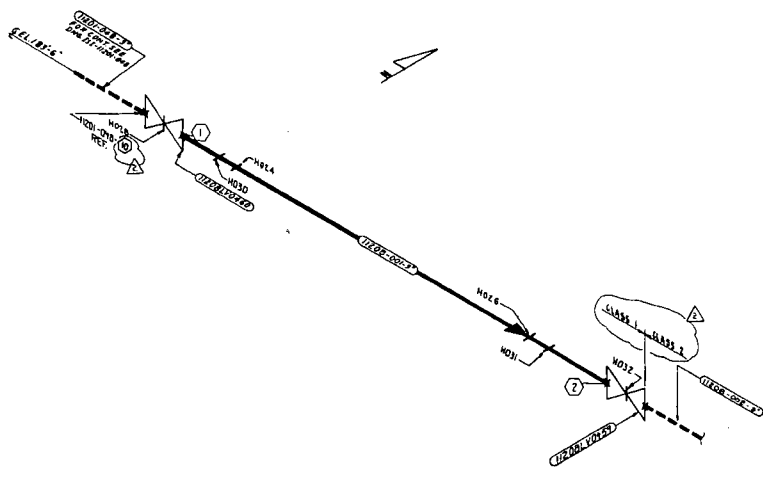
- SEE IS1 PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
- FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX40001 APPENDIX D. (U.N.O.)



Southern Company Services, Inc.										Georgia Power Company									
VOGTLE ELECTRIC GENERATING PLANT										UNIT 1-LINE NO. 007									
INSERVICE INSPECTION ISOMETRIC										CONTAINMENT SPRAY-SYSTEM 1206									
GENERAL REVISION TO UPDATE DRAWING FOR IS1										ISSUED FOR INSPECTION									
DATE: 3-28-87										DATE: 11-11-87									
BY: RLB, GCB, JPC										CHECKED: JAS, CUB									
APPROVED: JAS										APPROVED: JAS									

EQUIPMENT OR WELD IDENTIFICATION NO.	WELD OR EQUIP. DESCRIP.	PART EXAMINED SEE NOTES	EXAM. METHOD REQUIRE.	EXAMINATION METHOD AND ITEM NO.			
				VOL.	SURF.	VT1	VT2	VT3	VT4
11208-001	CONTROL VALVE	11208-001	RT				
11208-002	CONTROL VALVE	11208-002	RT				
11208-003	CONTROL VALVE	11208-003	RT				
11208-004	CONTROL VALVE	11208-004	RT				
11208-005	CONTROL VALVE	11208-005	RT				
11208-006	CONTROL VALVE	11208-006	RT				
11208-007	CONTROL VALVE	11208-007	RT				
11208-008	CONTROL VALVE	11208-008	RT				
11208-009	CONTROL VALVE	11208-009	RT				
11208-010	CONTROL VALVE	11208-010	RT				
11208-011	CONTROL VALVE	11208-011	RT				
11208-012	CONTROL VALVE	11208-012	RT				
11208-013	CONTROL VALVE	11208-013	RT				
11208-014	CONTROL VALVE	11208-014	RT				
11208-015	CONTROL VALVE	11208-015	RT				
11208-016	CONTROL VALVE	11208-016	RT				
11208-017	CONTROL VALVE	11208-017	RT				
11208-018	CONTROL VALVE	11208-018	RT				
11208-019	CONTROL VALVE	11208-019	RT				
11208-020	CONTROL VALVE	11208-020	RT				
11208-021	CONTROL VALVE	11208-021	RT				
11208-022	CONTROL VALVE	11208-022	RT				
11208-023	CONTROL VALVE	11208-023	RT				
11208-024	CONTROL VALVE	11208-024	RT				
11208-025	CONTROL VALVE	11208-025	RT				
11208-026	CONTROL VALVE	11208-026	RT				
11208-027	CONTROL VALVE	11208-027	RT				
11208-028	CONTROL VALVE	11208-028	RT				
11208-029	CONTROL VALVE	11208-029	RT				
11208-030	CONTROL VALVE	11208-030	RT				
11208-031	CONTROL VALVE	11208-031	RT				
11208-032	CONTROL VALVE	11208-032	RT				
11208-033	CONTROL VALVE	11208-033	RT				
11208-034	CONTROL VALVE	11208-034	RT				
11208-035	CONTROL VALVE	11208-035	RT				
11208-036	CONTROL VALVE	11208-036	RT				
11208-037	CONTROL VALVE	11208-037	RT				
11208-038	CONTROL VALVE	11208-038	RT				
11208-039	CONTROL VALVE	11208-039	RT				
11208-040	CONTROL VALVE	11208-040	RT				
11208-041	CONTROL VALVE	11208-041	RT				
11208-042	CONTROL VALVE	11208-042	RT				
11208-043	CONTROL VALVE	11208-043	RT				
11208-044	CONTROL VALVE	11208-044	RT				
11208-045	CONTROL VALVE	11208-045	RT				
11208-046	CONTROL VALVE	11208-046	RT				
11208-047	CONTROL VALVE	11208-047	RT				
11208-048	CONTROL VALVE	11208-048	RT				
11208-049	CONTROL VALVE	11208-049	RT				
11208-050	CONTROL VALVE	11208-050	RT				

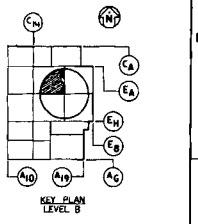
LINE NUMBER	CLASS	PIPE CLASS	LINE SIZE	PIPE SCHED.	WALL THICK.	MAT'L TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THICK.
11208-001	1	111	FG0	5'	140	SA 304	2405	650	2405	650	2.5"



LEGEND:
 1 - * INDICATES FIELD WELD.
 2 - * INDICATES INTEGRALLY WELDED SUPPORT ATTACHMENT.
 3 - * INDICATES SHOP WELD.
 4 - PIPE SUPPORT

REFERENCE DRAWINGS:
 P & ID - 11208-001
 FAB - 150 - 11208-002-01/16
 PIPING LAYOUT DWG - 11208-006
 CIVIL / STRUCTURAL - 11208-008
 HANGER DETAIL DWG - 11208-009, 11208-010, 11208-011, 11208-012, 11208-013, 11208-014, 11208-015, 11208-016, 11208-017, 11208-018, 11208-019, 11208-020, 11208-021, 11208-022, 11208-024, 11208-026, 11208-027, 11208-028, 11208-030, 11208-032, 11208-034, 11208-036, 11208-038, 11208-040, 11208-042, 11208-044, 11208-046, 11208-048, 11208-050

NOTES:
 1 - SEE IS1 PLAN FOR SELECTIONS AND FREQUENCY OF EXAMINATIONS.
 2 - FOR PIPE WELD END PRIP. SEE BEKTEL DWG A44000 APPENDIX D.

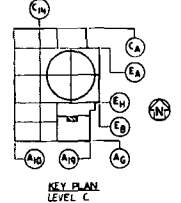


Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT UNIT 1-LINE NO. 001 INSERVICE INSPECTION ISOMETRIC (CHEMICAL & VOLUME CONTROL SYSTEM) 1208	
DATE	151-11208-001-2

REV.	DATE	BY	CHKD.	DESCRIPTION
1	1-10-84	RCS	WS	ISSUED FOR INSPECTION
2	5-11-87	RCS	WS	GENERAL REVISION TO UPDATE DRAWING FOR IS1
3	7-5-85	RCS	WS	ADDED NEW WELD NOS: HANGERS H030, H031 & H031 DELETED HANGERS H023, H025 & H029

600-8021-151

LINE NUMBER	CLASS	PIPE CLASS	PIPE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THICK.
1208-003	Z	Z12	FG0	3"	160	438	SA312 TP304L	150	250	350	N/A



- LEGEND:
- 1. [Symbol] INDICATES FIELD WELD.
 - 2. [Symbol] INDICATES SHOP WELD.
 - 3. [Symbol] INDICATES INTERIALLY WELDED SUPPORT ATTACHMENT.
 - 4. [Symbol] CONTAINMENT PENETRATION.
 - 5. [Symbol] BRANCH CONNECTION WELD.
 - 6. [Symbol] PIPE RESTRAINT.
 - 7. [Symbol] PIPE SUPPORT.

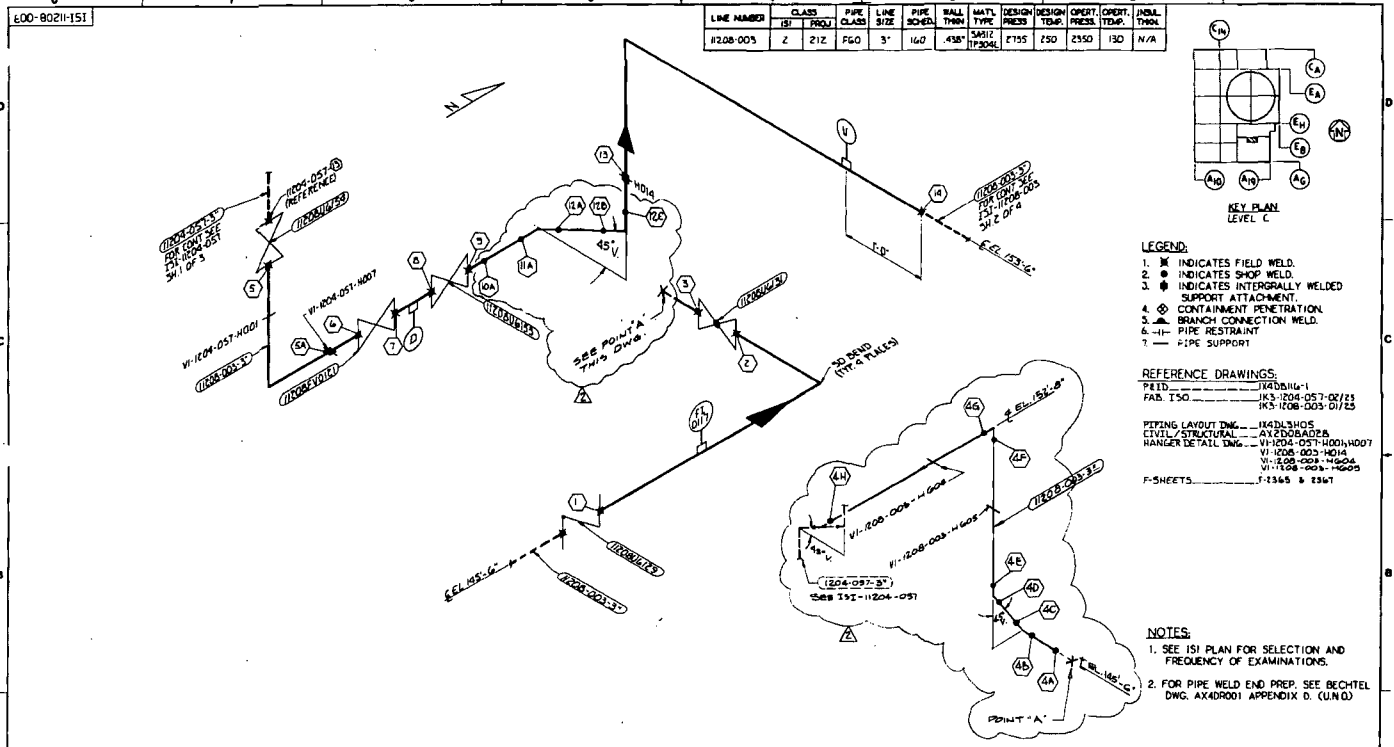
- REFERENCE DRAWINGS:
- PRID. [Symbol] AX4400-1
 - FAB. TSO [Symbol] JK3-1208-057-001/05
 - [Symbol] IS-1208-003-01/05
- PIPING LAYOUT DWG. [Symbol] 1208-003-14 G06

LEVEL/STRUCTURAL [Symbol] 1208-003-14 G06

HANGER DETAIL DWG. [Symbol] 1208-003-14 G06

F-SHEETS [Symbol] 1-1365 & 1367

- NOTES:
1. SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 2. FOR PIPE WELD END PREP, SEE BECHTEL DWG. AX44001 APPENDIX D. (U.N.D)



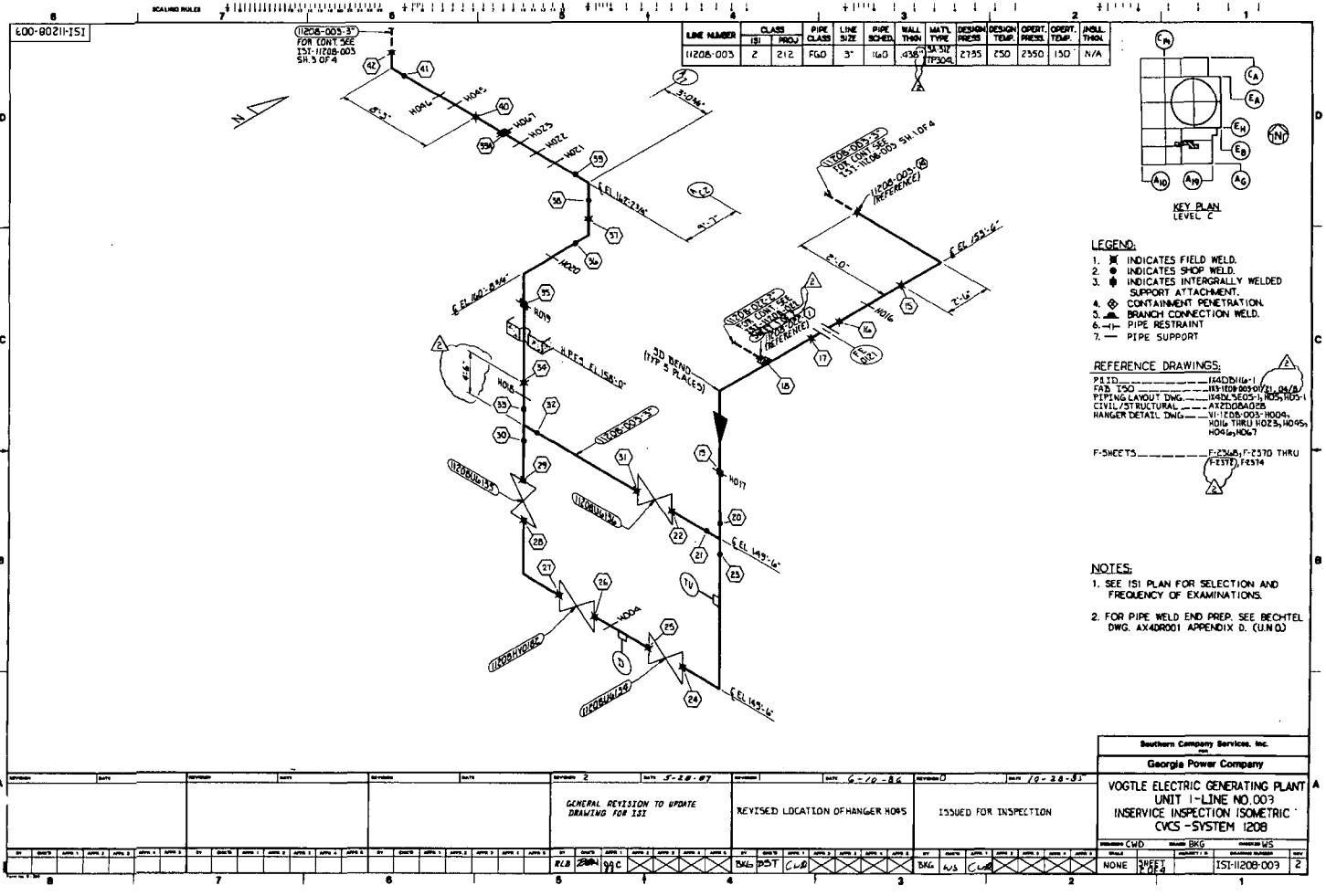
REVISION	DATE	DESCRIPTION
1	06-10-2001	REVISED PER DCP 77-VIN0033
2	05-28-87	GENERAL REVISION TO UPDATE DRAWING FOR ISI
3	10-28-33	ISSUED FOR INSPECTION

DESIGNED BY	DATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
CHKD BY	DATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
APPROVED BY	DATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS

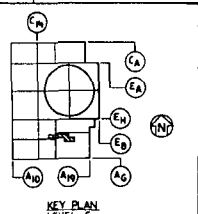
Bechtel Company Services, Inc.
 Georgia Power Company

VOGTLE ELECTRIC GENERATING PLANT
 UNIT 1-LINE NO. 003
 INSERVICE INSPECTION ISOMETRIC
 CVCS - SYSTEM 1208

DATE: 10-28-87
 SHEET: 4
 PROJECT: 151208-003
 OF: 2



LINE NUMBER	IS	CLASS	PIPE CLASS	LINE SIZE	PIPE SCHED	WALL THICK	MATL TYPE	DESIGN PRESS	DESIGN TEMP	OPERT. PRESS	OPERT. TEMP	INSTR. THICK
11208-003	2	212	FGO	3"	160	.438	SA-312 TP304	2735	250	2350	150	N/A



- LEGEND:**
- 1. ✕ INDICATES FIELD WELD.
 - 2. ● INDICATES SHOP WELD.
 - 3. ● INDICATES INTEGRALLY WELDED SUPPORT ATTACHMENT.
 - 4. ⊕ CONTAINMENT PENETRATION.
 - 5. ⊕ BRANCH CONNECTION WELD.
 - 6. — PIPE RESTRAINT
 - 7. — PIPE SUPPORT

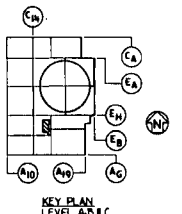
- REFERENCE DRAWINGS:**
- P&ID: 11402N116-1
 - F&I: 150
 - PIPING LAYOUT DWG: 11402N205-1, 11402N205-2, 11402N205-3, 11402N205-4
 - CIVIL STRUCTURAL: 11402N205-1, 11402N205-2, 11402N205-3, 11402N205-4
 - HANGER DETAIL DWG: 11402N205-1, 11402N205-2, 11402N205-3, 11402N205-4
- F-SHEETS:** F-231A, F-231D THRU F-231E, F-231A

- NOTES:**
1. SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 2. FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX40001 APPENDIX D. (U.N.C)

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 1-LINE NO. 003	
INSERVICE INSPECTION ISOMETRIC	
CVCS - SYSTEM 1208	
DESIGNED BY: CMD	REVISIONS: BKJ
CHECKED BY: NONE	DATE: 11/11/83
SCALE: AS SHOWN	SHEET NO: 2
PROJECT NO: 1151-11208-003	DATE: 11/11/83

NO.	DATE	DESCRIPTION	BY	CHECKED	APPROVED
1	5-28-87	GENERAL REVISION TO UPDATE DRAWING FOR ISI	R.L.B.	...	...
2	6-10-88	REVISED LOCATION OF HANGER HOBS	D.K.L.	...	...
3	10-28-83	ISSUED FOR INSPECTION	D.K.L.	...	...

LINE NUMBER	CLASS	PIPE CLASS	PIPE SIZE	PIPE SCHED.	WALL THICK	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THICK.
11208-003	Z	212	FGO	3'	160	CS-312 SP-304	2735	250	2350	130	N/A



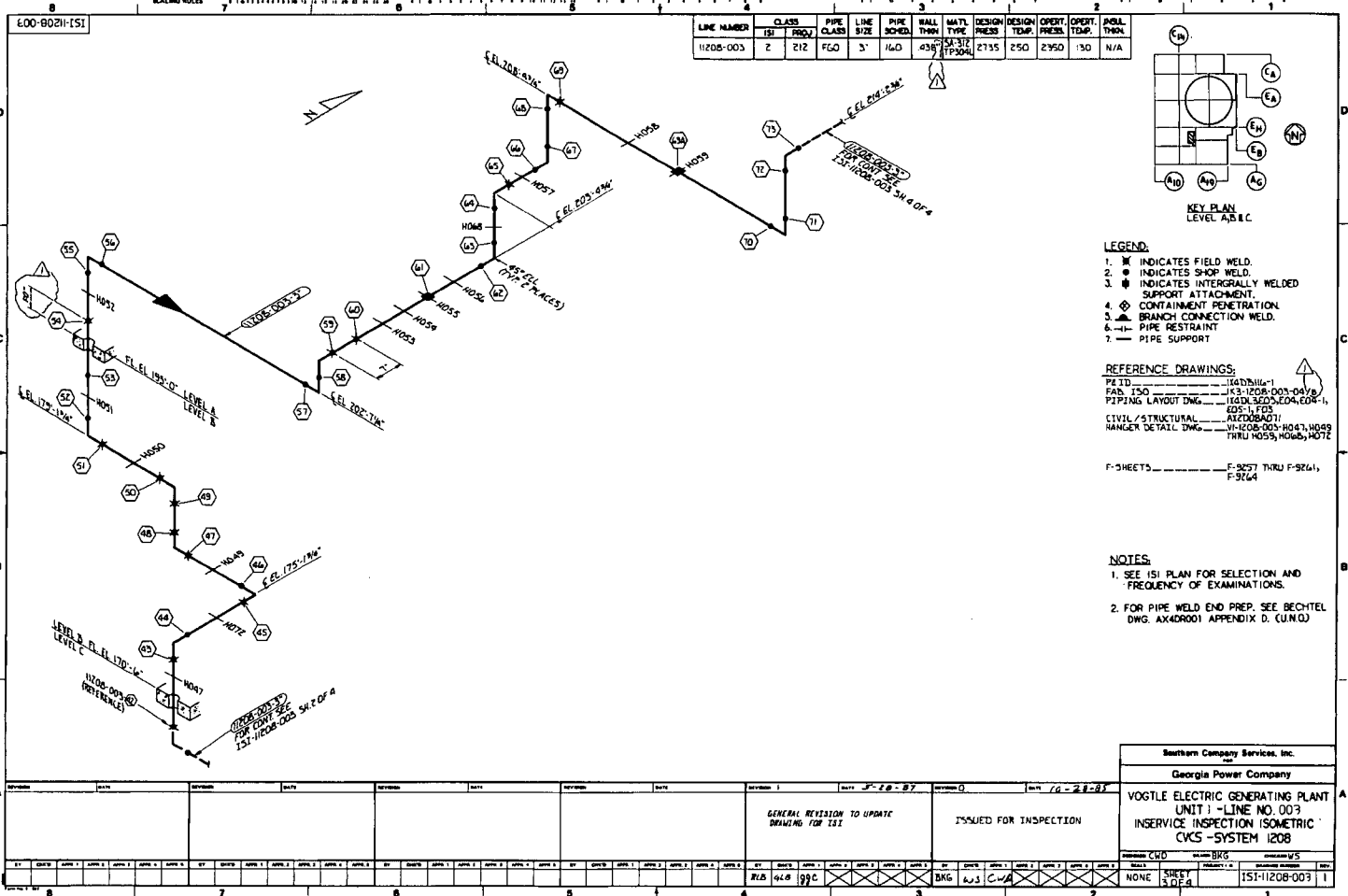
- LEGEND:**
- INDICATES FIELD WELD.
 - INDICATES SHOP WELD.
 - INDICATES INTERFERENCE WELDED SUPPORT ATTACHMENT.
 - CONTAINMENT PENETRATION.
 - BRANCH CONNECTION WELD.
 - PIPE RESTRAINT.
 - PIPE SUPPORT.

REFERENCE DRAWINGS:

FIELD _____ 1140501116-1
 FAB. ISO _____ 113-1208-003-0478
 PIPING LAYOUT DWG _____ 1103-3003-004-008-1
 ISO-1, FDS _____ 1103-3003-004-008-1
 CIVIL/STRUCTURAL _____ REEDSBAG1
 HANGER DETAIL DWG _____ 11-1208-003-H047, H059
 THRU H055, H066, H072

F-SHEETS _____ F-3257 THRU F-3264,
 F-3264

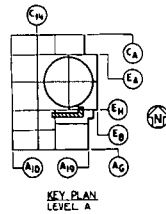
- NOTES:**
- SEE IS1 PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX4DRO01 APPENDIX D. (U.N.O.)



Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT UNIT 1 - LINE NO. 003 INSERVICE INSPECTION ISOMETRIC CVCS - SYSTEM 1208	
DESIGNED BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE
REVISED BY	DATE
DATE	BY
11	11/20/03
12	11/20/03
13	11/20/03
14	11/20/03
15	11/20/03
16	11/20/03
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100	11/20/03

E00-90211-1S1

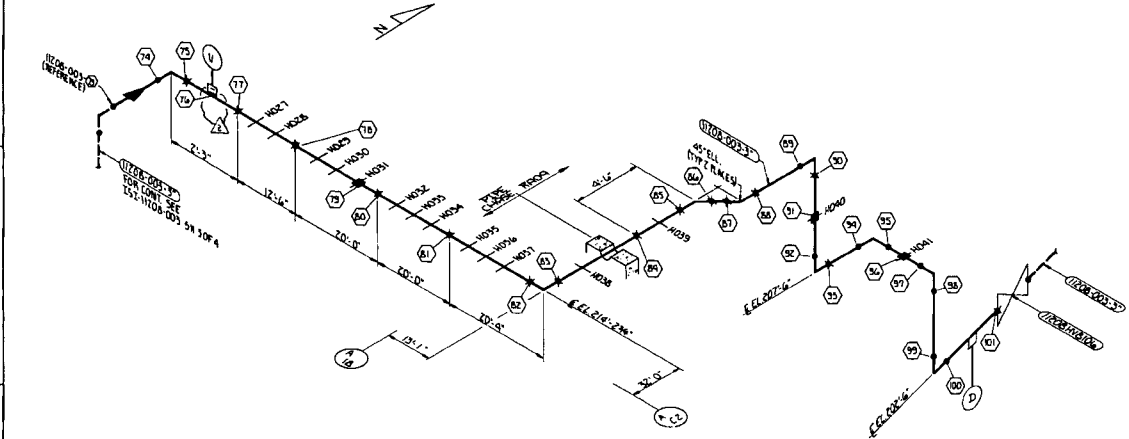
LINE NUMBER	CLASS	PIPE CLASS	LINE SIZE	PIPE SCHED.	WALL THIN	MATL	DESIGN PRESS	DESIGN TEMP	OPER. PRESS	OPER. TEMP.	INSUL. THICK
11208-005	Z	Z1Z	3"	FGD	160	304-316	2735	250	2350	130	N/A



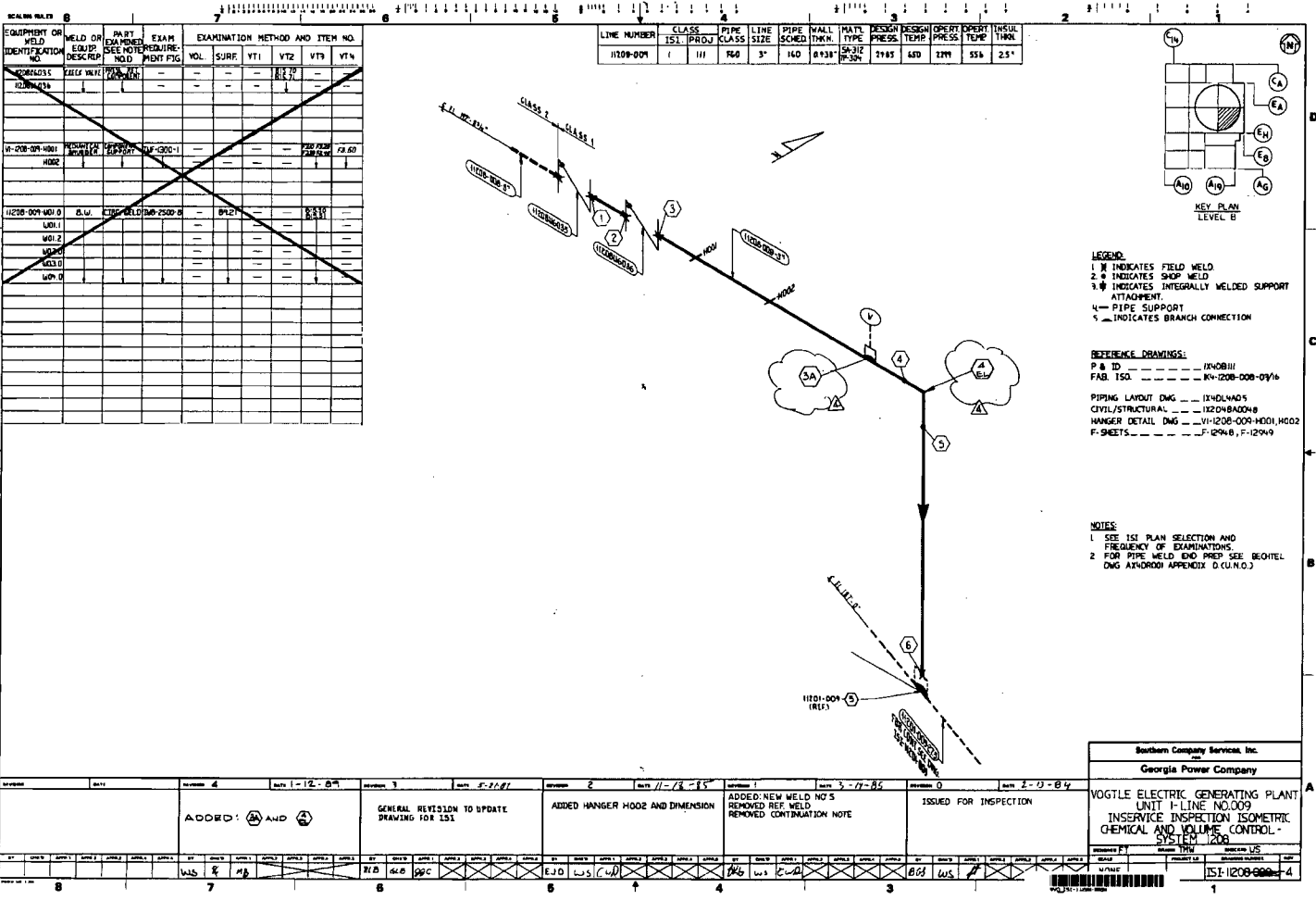
- LEGEND:**
- INDICATES FIELD WELD
 - INDICATES SHOP WELD
 - INDICATES INTERGRALLY WELDED
 - SUPPORT ATTACHMENT
 - CONTAINMENT PENETRATION
 - BRANCH CONNECTION WELD
 - PIPE RESTRAINT
 - PIPE SUPPORT

- REFERENCE DRAWINGS:**
- FIELD: 11208-005-1
 FAB TSO 11208-005-02 (A/D/B)
 PIPING LAYOUT DWG 11208-005-004
 CIVIL/STRUCTURAL AX1208000
 HANGER DETAIL DWG 11208-005-1021 THRU 1041
- F-SHEETS 11208-005-1021 THRU F-6887 (F-1255)

- NOTES:**
- SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - FOR PIPE WELD END PREP. SEE BECHTEL DWG AX48001 APPENDIX D. (UNO)



Southern Company Services, Inc.		Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT UNIT 1 - LINE NO. 003		INSERVICE INSPECTION ISOMETRIC CVCS - SYSTEM 1208	
REVISION	DATE	BY	CHKD
1	5-28-87	TKL	BST
2	10-28-88		
3	10-28-88		
4	10-28-88		
5	10-28-88		
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99	10-28-88		
100	10-28-88		



EQUIPMENT OR WELD IDENTIFICATION NO.	WELD OR EQUIP. DESCRIP.	PART EXAM. NO.	EXAM. METHOD	EXAMINATION METHOD AND ITEM NO.				
				VT1	VT2	VT3	VT4	VT5
11208-001	WELD	1	VT					
11208-002	WELD	2	VT					
11208-003	WELD	3	VT					
11208-004	WELD	4	VT					
11208-005	WELD	5	VT					
11208-006	WELD	6	VT					
11208-007	WELD	7	VT					
11208-008	WELD	8	VT					
11208-009	WELD	9	VT					
11208-010	WELD	10	VT					

LINE NUMBER	CLASS	PIPE SIZE	LINE CLASS	PIPE SCHED.	WALL THICK.	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THICK.
11208-001	1	3"	100	140	0.138	SA-312 TP-304	2185	650	279	556	2.5"

LEGEND:
 1 X INDICATES FIELD WELD
 2 # INDICATES SHOP WELD
 3 # INDICATES INTEGRALLY WELDED SUPPORT ATTACHMENT
 4 - PIPE SUPPORT
 5 - INDICATES BRANCH CONNECTION

REFERENCE DRAWINGS:
 P & ID - 11408111
 FAB. ISO - 11208-008-09/16
 PIPING LAYOUT DWG - 11208-001
 CIVIL/STRUCTURAL - 11208-008
 HANGER DETAIL DWG - 11208-009-1001, 1002
 F-SHEETS - F-12948, F-12949

NOTES:
 1. SEE 1st PLAN SELECTION AND FREQUENCY OF EXAMINATIONS
 2. FOR PIPE WELD END PREP SEE BECHTEL DWG AX28000 APPENDIX D (U.N.O.)

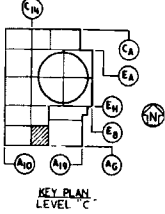
REVISION	DATE	DESCRIPTION
REVISION 4	MAY 1-12-84	ADDED: 3A AND 3B
REVISION 3	MAY 5-21-81	GENERAL REVISION TO UPDATE DRAWING FOR 151
REVISION 2	MAY 11-18-85	ADDED HANGER HOOD AND DIMENSION
REVISION 1	MAY 5-17-85	ADDED NEW WELD NO 5 REMOVED REF. WELD REMOVED CONTINUATION NOTE
REVISION 0	MAY 2-13-84	ISSUED FOR INSPECTION

Southern Company Services, Inc.
 Georgia Power Company

VOGTLE ELECTRIC GENERATING PLANT
 UNIT 1-LINE NO.009
 INSERVICE INSPECTION ISOMETRIC
 CHEMICAL AND VOLUME CONTROL
 SYSTEM 1208

DRAWN BY: WJS
 CHECKED BY: WJS
 DATE: 11-12-84

LINE NUMBER	CLASS	PIPE CLASS	PIPE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPRT. PRESS.	OPRT. TEMP.	INSTR. THICK.	
1120B-022	2	212	FGG	2"	160	.344	SA-192 TP-304	2735	250	2350	190	N/A

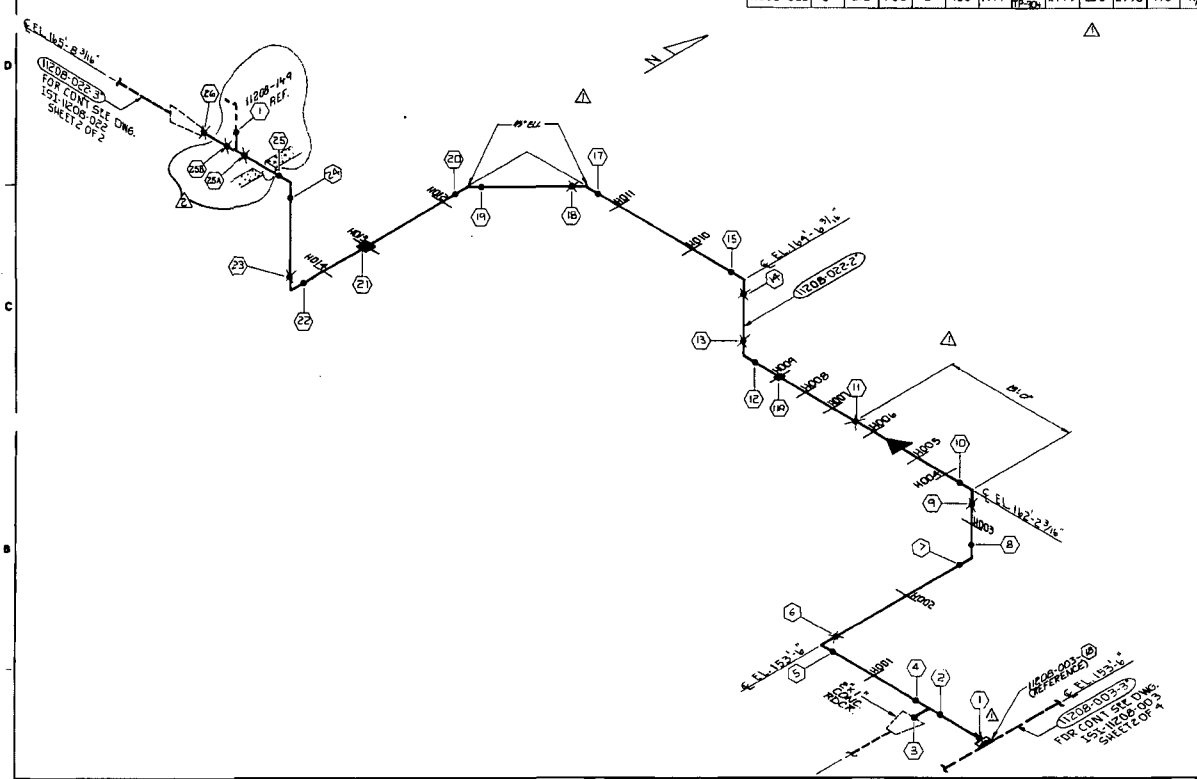


- LEGEND:**
- ✕ INDICATES FIELD WELD.
 - INDICATES SHOP WELD.
 - ◆ INDICATES INTERGRALLY WELDED SUPPORT ATTACHMENT.
 - ◇ CONTAINMENT PENETRATION.
 - ▲ BRANCH CONNECTION WELD.
 - |— PIPE RESTRAINT
 - INDICATES PIPE SUPPORT

- REFERENCE DRAWINGS:**
- P&ID: 1140B116-1
 - FAB ISO: 119-120B-022-01
 - PIPING LAYOUT DWG.: 1140L3F05-1
 - 1140L3E05-1
 - 1140L3A05-1
 - CIVIL/STRUCTURAL HANGER DET. DWG.: AX2008A025
 - VI-120B-022-H001
 - H002, H007, H004
 - H005, H006, H007
 - H008, H009, H010
 - H011, H012, H013, H014

- NOTES:**
- SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX40R001 APPENDIX D. (U.N.G)

220-60211-1S1



REVISION	NO.	DATE	DESCRIPTION	BY	CHKD.
	1	11-25-89	ADDED WELDS 25A & 25B PER DCP 87VINO386		
	2	11-28-89	Added Branch to Above Chart per ISI		
	3	12-20-89	ISSUED FOR INSPECTION		

Southern Company Services, Inc.
 Georgia Power Company
 VOGTLE ELECTRIC GENERATING PLANT
 UNIT 1-LINE NO. 022
 INSERVICE INSPECTION ISOMETRIC
 CHEMICAL & VOLUME CONTROL
 SYSTEM 120B

ISSUED FOR INSPECTION

DATE: 12-20-89

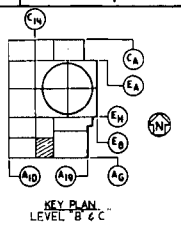
BY: [Signature]

CHKD.: [Signature]

NO.	DATE	BY	CHKD.	DATE	NO.	DATE	BY	CHKD.	DATE	NO.	DATE	BY	CHKD.	DATE	NO.	DATE	BY	CHKD.	DATE	
1	11-25-89				2	11-28-89				3	12-20-89				4					

220-80211-15B

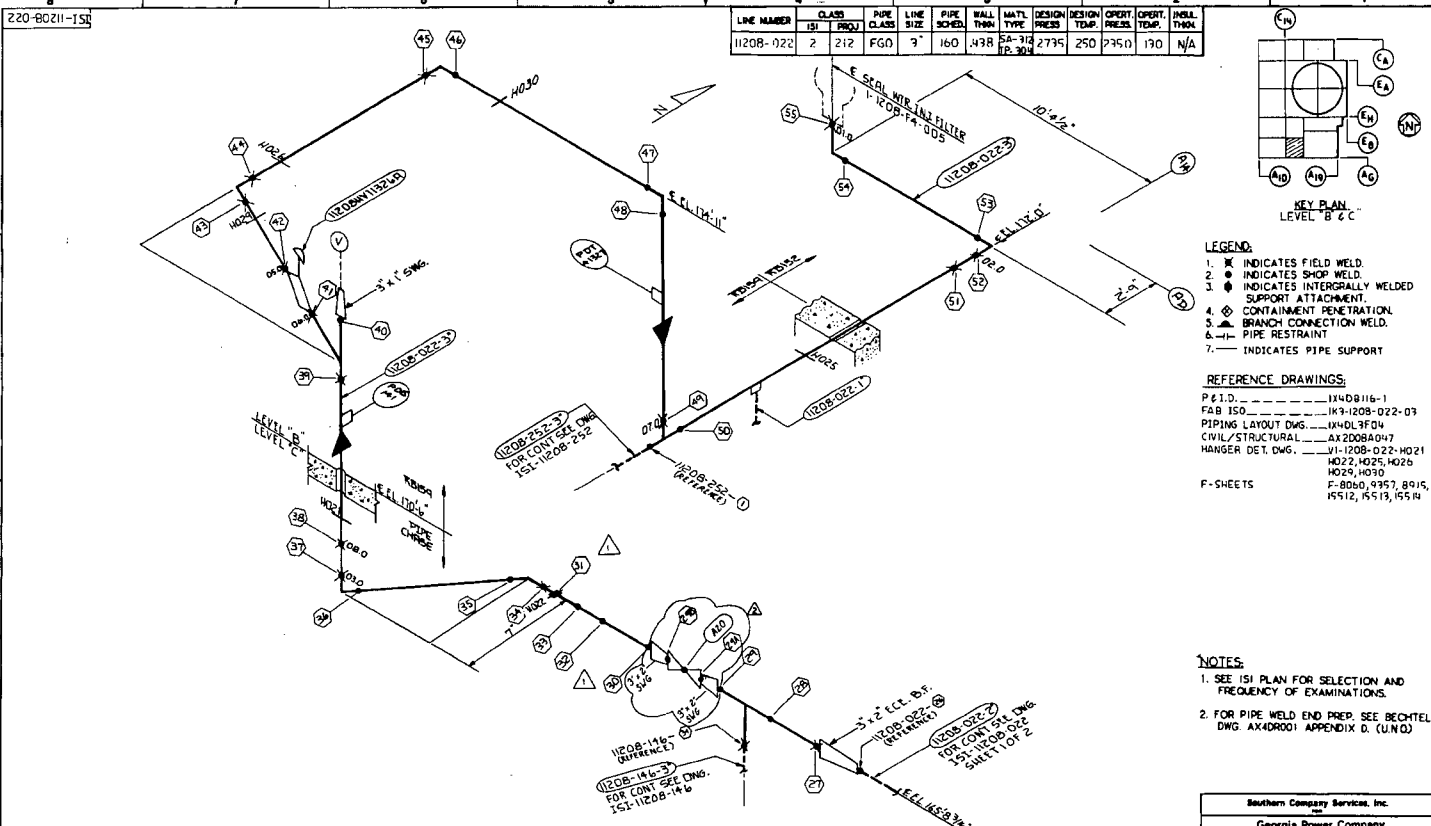
LINE NUMBER	CLASS	PIPE	LINE	PIPE	WALL	MATL	DESIGN	DESIGN	OPER	OPER	INSUL	
	IS1	PROUT	CLASS	SIZE	SCHED.	THICK	TYPE	PRESS	TEMP.	PRESS.	TEMP.	THICK.
1120B-022	2	212	FGO	3"	160	.438	SA-192 EP-304	2795	250	2795.0	190	N/A



- LEGEND:**
- ✕ INDICATES FIELD WELD
 - INDICATES SHOP WELD
 - ⊙ INDICATES INTERGRALLY WELDED SUPPORT ATTACHMENT
 - ⊕ CONTAINMENT PENETRATION
 - ⊙ BRANCH CONNECTION WELD
 - △ PIPE RESTRAINT
 - INDICATES PIPE SUPPORT

- REFERENCE DRAWINGS:**
- P&I D. ——— 1140B116-1
 FAB ISO. ——— 1149-120B-022-03
 PIPING LAYOUT DWG. ——— 1140L9704
 CIVIL/STRUCTURAL ——— AX200BA047
 HANGER DET. DWG. ——— VI-120B-022-H021
 H022, H025, H026
 H029, H030
 F-SHEETS ——— F-8060, 9357, 8915,
 15512, 15513, 15514

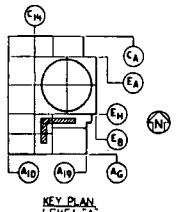
- NOTES:**
- SEE IS1 PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX48001 APPENDIX D. (UNQ)



Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 1 - LINE NO. 022	
INSERVICE INSPECTION ISOMETRIC	
CHEMICAL & VOLUME CONTROL	
SYSTEM IZ08	
DESIGNED BY	CHD
CHECKED BY	RJMS
APPROVED BY	MS
DATE	NONE
SHEET	2 OF 2
PROJECT	1120B-022
NO.	2

NO.	DATE	BY	REVISION
1	11/15/83	CHD	ISSUED FOR INSPECTION
2	11/15/83	CHD	REVISED PER WALKDOWN
3	11/15/83	CHD	ADDED WELLS 21A & 21B PER DCP 87VIN0386

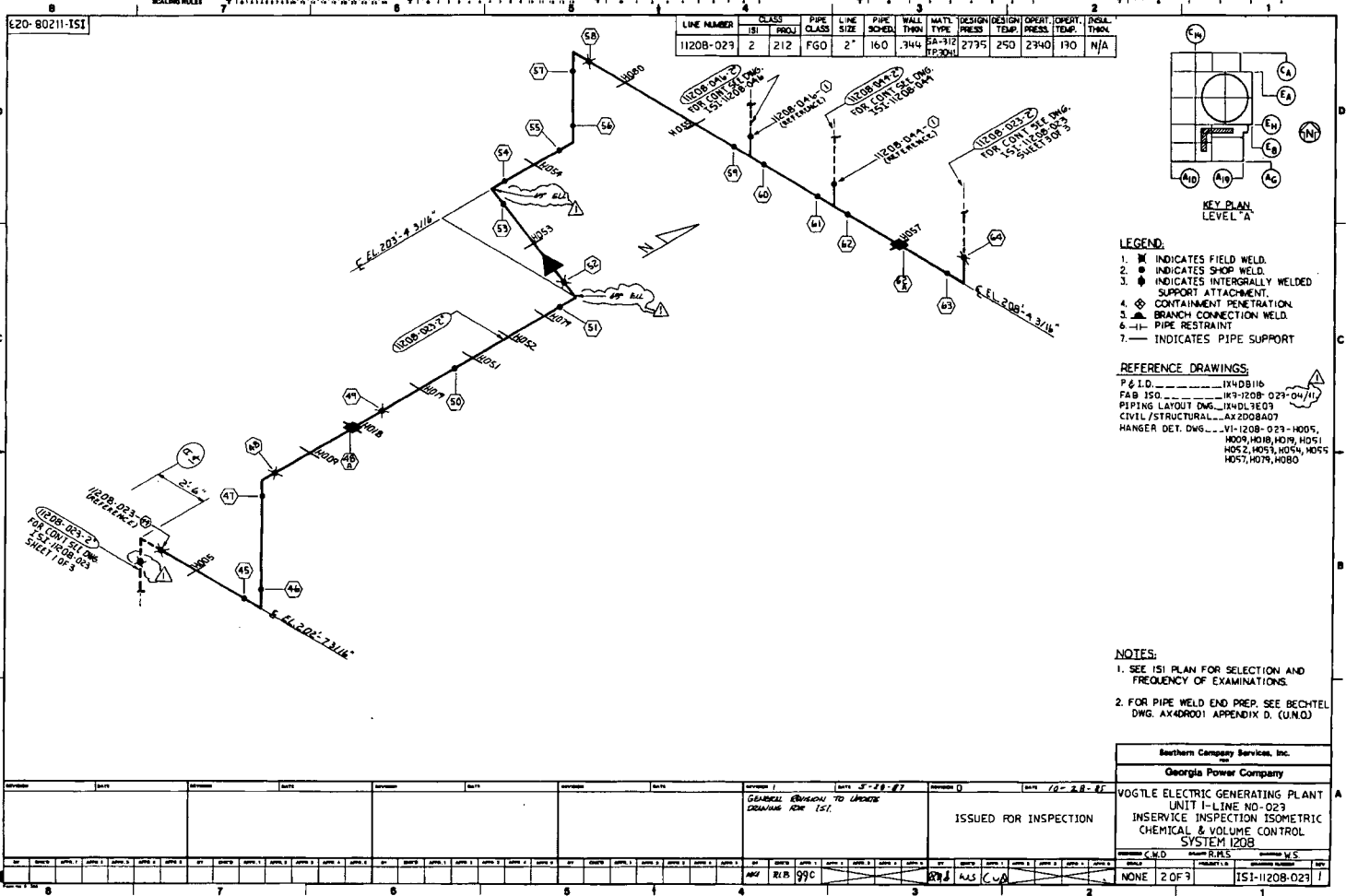
LINE NUMBER	CLASS	PIPE CLASS	LINE SIZE	PIPE SCHED.	WALL THIN	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THIN.	
1120B-023	2	212	FGO	2"	160	3144	SA-312 10.3012	2735	250	2340	190	N/A



- LEGEND:**
- INDICATES FIELD WELD.
 - INDICATES SHOP WELD.
 - INDICATES INTERGRALLY WELDED SUPPORT ATTACHMENT.
 - CONTAINMENT PENETRATION.
 - BRANCH CONNECTION WELD.
 - PIPE RESTRAINT.
 - INDICATES PIPE SUPPORT.

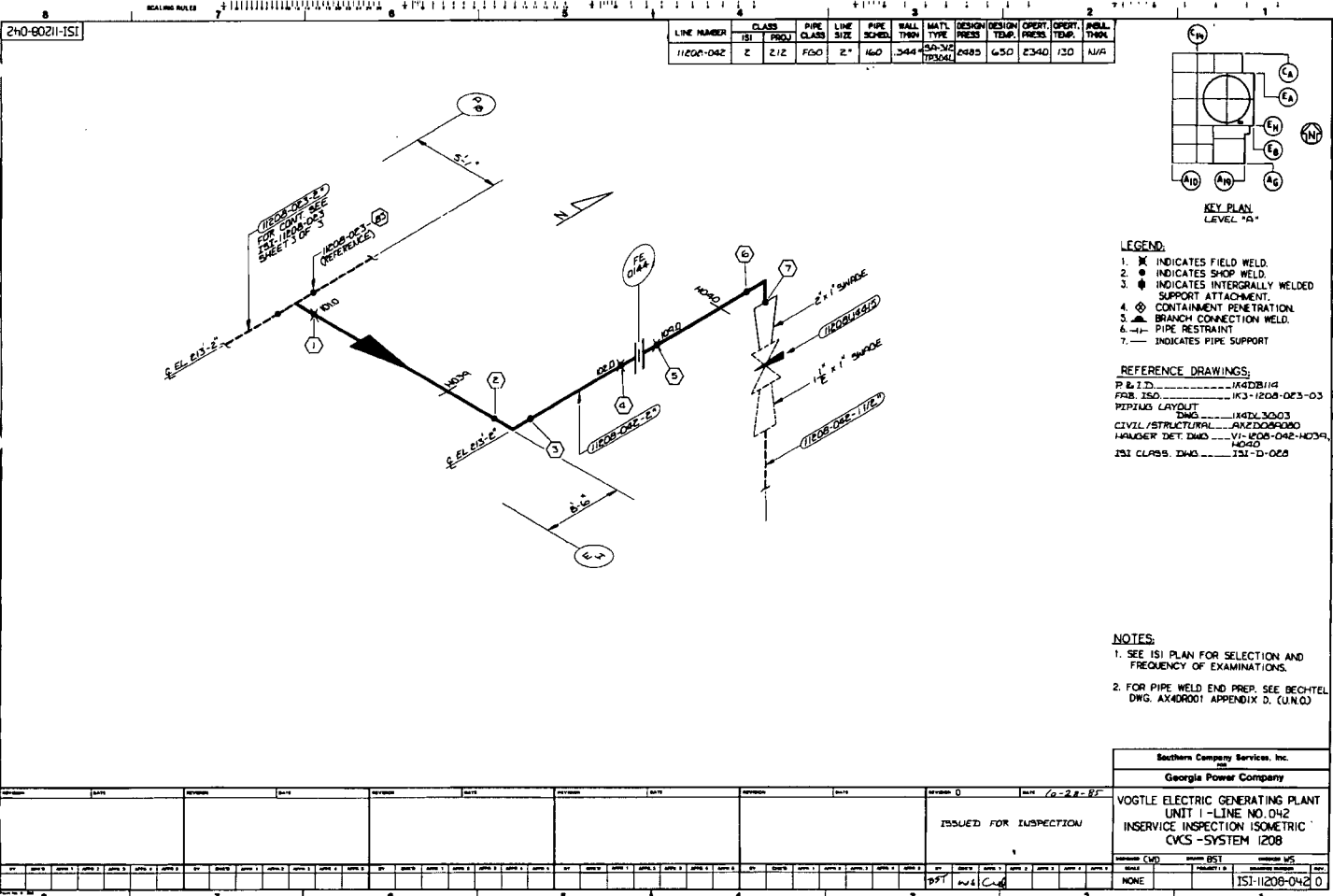
- REFERENCE DRAWINGS:**
- P & I D. --- 124DB116
 - P&B ISO. --- 1120B-023-04/11
 - PIPING LAYOUT DWG. --- 124DL3E03
 - CIVIL/STRUCTURAL --- AX208BA07
 - HANGER DET. DWG. --- VI-120B-023-H005, H009, H018, H019, H051, H052, H053, H054, H055, H057, H079, H080

- NOTES:**
- SEE IS1 PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - FOR PIPE WELD END PRER, SEE BECHTEL DWG. AX40R01 APPENDIX D. (U.N.O.)

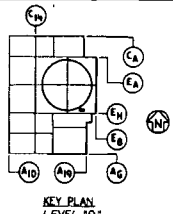


Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT F-LINE NO-023	
INSERVICE INSPECTION ISOMETRIC	
CHEMICAL & VOLUME CONTROL	
SYSTEM I20B	
DESIGNED BY	REVISIONS
ISSUED FOR INSPECTION	DATE
REV 99C	2 OF 3
IS1-1120B-023	1

NO.	DATE	DESCRIPTION	BY	CHKD	APP'D
1		ISSUED FOR INSPECTION			
2		REV 99C			



LINE NUMBER	CLASS	PIPE CLASS	LINE SIZE	PIPE SCHED	PIPE THICK	MATL TYPE	DESIGN PRESS	DESIGN TEMP	OPER. PRESS	OPER. TEMP	WELD THICK
11208-042	Z	Z12	FG0	2"	160	SA-312 TP304L	2485	650	2340	120	N/A



- LEGEND:**
- INDICATES FIELD WELD.
 - INDICATES SHOP WELD.
 - INDICATES INTERGRIFF WELDED SUPPORT ATTACHMENT.
 - CONTAINMENT PENETRATION.
 - BRANCH CONNECTION WELD.
 - PIPE RESTRAINT.
 - INDICATES PIPE SUPPORT.

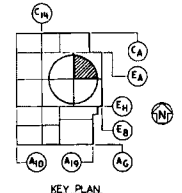
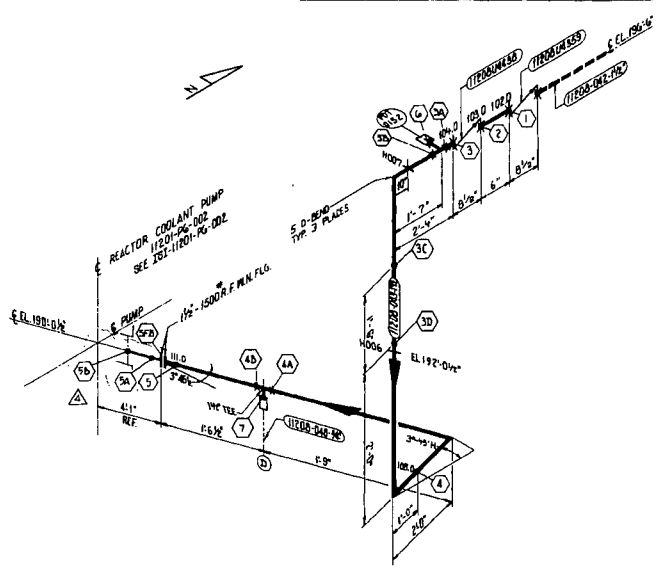
- REFERENCE DRAWINGS:**
- P & I D. AX4DB/14
 - FAB. ISD. K3-1208-023-03
 - PIPELAYS LAYOUT DWS. K4DL3003
 - CIVIL/STRUCTURAL AXZD08000
 - HAUNGER DET. DWS. V1-1208-042-103A, 103B
 - ISI CLASS. DWS. ISI-D-028

- NOTES:**
- SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX4DR001 APPENDIX D. (U.N.G.)

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT UNIT 1 - LINE NO. 042 INSERVICE INSPECTION ISOMETRIC CVCS - SYSTEM 1208	
ISSUED FOR INSPECTION	DATE 10-28-87
BY [Signature]	BY [Signature]
DATE 10-28-87	DATE 10-28-87
NO. 1	NO. 1
REV. 1	REV. 1
REV. 2	REV. 2
REV. 3	REV. 3
REV. 4	REV. 4
REV. 5	REV. 5
REV. 6	REV. 6
REV. 7	REV. 7
REV. 8	REV. 8
REV. 9	REV. 9
REV. 10	REV. 10
REV. 11	REV. 11
REV. 12	REV. 12
REV. 13	REV. 13
REV. 14	REV. 14
REV. 15	REV. 15
REV. 16	REV. 16
REV. 17	REV. 17
REV. 18	REV. 18
REV. 19	REV. 19
REV. 20	REV. 20
REV. 21	REV. 21
REV. 22	REV. 22
REV. 23	REV. 23
REV. 24	REV. 24
REV. 25	REV. 25
REV. 26	REV. 26
REV. 27	REV. 27
REV. 28	REV. 28
REV. 29	REV. 29
REV. 30	REV. 30
REV. 31	REV. 31
REV. 32	REV. 32
REV. 33	REV. 33
REV. 34	REV. 34
REV. 35	REV. 35
REV. 36	REV. 36
REV. 37	REV. 37
REV. 38	REV. 38
REV. 39	REV. 39
REV. 40	REV. 40
REV. 41	REV. 41
REV. 42	REV. 42
REV. 43	REV. 43
REV. 44	REV. 44
REV. 45	REV. 45
REV. 46	REV. 46
REV. 47	REV. 47
REV. 48	REV. 48
REV. 49	REV. 49
REV. 50	REV. 50

EQUIPMENT OR WELD IDENTIFICATION NUMBER	WELD OR EQUIP. DESCRIP.	PART EXAMINED (SEE NOTE NO. 1)	EXAM. REQUIREMENT FIG.	EXAMINATION METHOD AND ITEM NO.					
				VOL.	SURF.	VT1	VT2	VT3	VT4
11200-043-001	VALVE	11200-043-001	11200-043-001						
11200-043-002	VALVE	11200-043-002	11200-043-002						
11200-043-003	VALVE	11200-043-003	11200-043-003						
11200-043-004	VALVE	11200-043-004	11200-043-004						
11200-043-005	VALVE	11200-043-005	11200-043-005						
11200-043-006	VALVE	11200-043-006	11200-043-006						
11200-043-007	VALVE	11200-043-007	11200-043-007						
11200-043-008	VALVE	11200-043-008	11200-043-008						
11200-043-009	VALVE	11200-043-009	11200-043-009						
11200-043-010	VALVE	11200-043-010	11200-043-010						
11200-043-011	VALVE	11200-043-011	11200-043-011						
11200-043-012	VALVE	11200-043-012	11200-043-012						
11200-043-013	VALVE	11200-043-013	11200-043-013						
11200-043-014	VALVE	11200-043-014	11200-043-014						
11200-043-015	VALVE	11200-043-015	11200-043-015						
11200-043-016	VALVE	11200-043-016	11200-043-016						
11200-043-017	VALVE	11200-043-017	11200-043-017						
11200-043-018	VALVE	11200-043-018	11200-043-018						
11200-043-019	VALVE	11200-043-019	11200-043-019						
11200-043-020	VALVE	11200-043-020	11200-043-020						
11200-043-021	VALVE	11200-043-021	11200-043-021						
11200-043-022	VALVE	11200-043-022	11200-043-022						
11200-043-023	VALVE	11200-043-023	11200-043-023						
11200-043-024	VALVE	11200-043-024	11200-043-024						
11200-043-025	VALVE	11200-043-025	11200-043-025						
11200-043-026	VALVE	11200-043-026	11200-043-026						
11200-043-027	VALVE	11200-043-027	11200-043-027						
11200-043-028	VALVE	11200-043-028	11200-043-028						
11200-043-029	VALVE	11200-043-029	11200-043-029						
11200-043-030	VALVE	11200-043-030	11200-043-030						
11200-043-031	VALVE	11200-043-031	11200-043-031						
11200-043-032	VALVE	11200-043-032	11200-043-032						
11200-043-033	VALVE	11200-043-033	11200-043-033						
11200-043-034	VALVE	11200-043-034	11200-043-034						
11200-043-035	VALVE	11200-043-035	11200-043-035						
11200-043-036	VALVE	11200-043-036	11200-043-036						
11200-043-037	VALVE	11200-043-037	11200-043-037						
11200-043-038	VALVE	11200-043-038	11200-043-038						
11200-043-039	VALVE	11200-043-039	11200-043-039						
11200-043-040	VALVE	11200-043-040	11200-043-040						
11200-043-041	VALVE	11200-043-041	11200-043-041						
11200-043-042	VALVE	11200-043-042	11200-043-042						
11200-043-043	VALVE	11200-043-043	11200-043-043						
11200-043-044	VALVE	11200-043-044	11200-043-044						
11200-043-045	VALVE	11200-043-045	11200-043-045						
11200-043-046	VALVE	11200-043-046	11200-043-046						
11200-043-047	VALVE	11200-043-047	11200-043-047						
11200-043-048	VALVE	11200-043-048	11200-043-048						
11200-043-049	VALVE	11200-043-049	11200-043-049						
11200-043-050	VALVE	11200-043-050	11200-043-050						

LINE NUMBER	CLASS	PIPE CLASS	LINE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THICK.
11200-043	I	III	FGD	1/2	160	D.281	2485	650	2340	150	N/A



- LEGEND:
- ✱ INDICATES FIELD WELD.
 - INDICATES SHOP WELD.
 - ◆ INDICATES INTERGRALLY WELDED SUPPORT ATTACHMENT.
 - ⊕ CONTAINMENT PENETRATION.
 - ⊙ BRANCH CONNECTION WELD.
 - |— PIPE RESTRAINT.
 - |— PIPE SUPPORT.

- REFERENCE DRAWINGS:
- P&ID: 1140B116
 - F&B: 104-11200-043-02
 - PIPING LAYOUT DWG.: 1140L4425
 - CIVIL / STRUCTURAL: 112048F002
 - HANGER DETAIL DWG.: 11-200-043-1005
 - INSV: 11200-043-1005
 - ISI CLASSIFICATION DWG.: 111-D-020

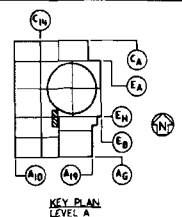
- NOTES:
- SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - FOR PIPE WELD, END PREP. SEE BECHTEL DWG. AX44001 APPENDIX D (UNJ)

Southern Company Services, Inc.	
GEORGIA POWER COMPANY	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 1 - LINE NO. 043	
INSERVICE INSPECTION ISOMETRIC	
CHEMICAL & VOLUME CONTROL	
SYSTEM 120B	
DATE: 11-12-85	BY: GSA/WS
NO. 11200-043-04	REV. 4

NO.	DATE	BY	CHKD.	APPV.	DESCR.
1	09/19/87	W/C			CHANGED PIPING CONFIGURATION AND ADDED WELDS 5A AND 5B.
2	11-14-92	EJO			REMOVED HANGER HOOPS AND HANGERS PER P&ID 11200-043-005
3	11-12-85	GSA			ADDED NEW WELD NOS. REDUCING TEE AND FLOW RESTRICTION ADDED DIMENSIONS
4	3-78-85	GSA			ADDED NEW WELD NOS.
5	3-19-84	GSA			ISSUED FOR INSPECTION

hh-0-80211-151

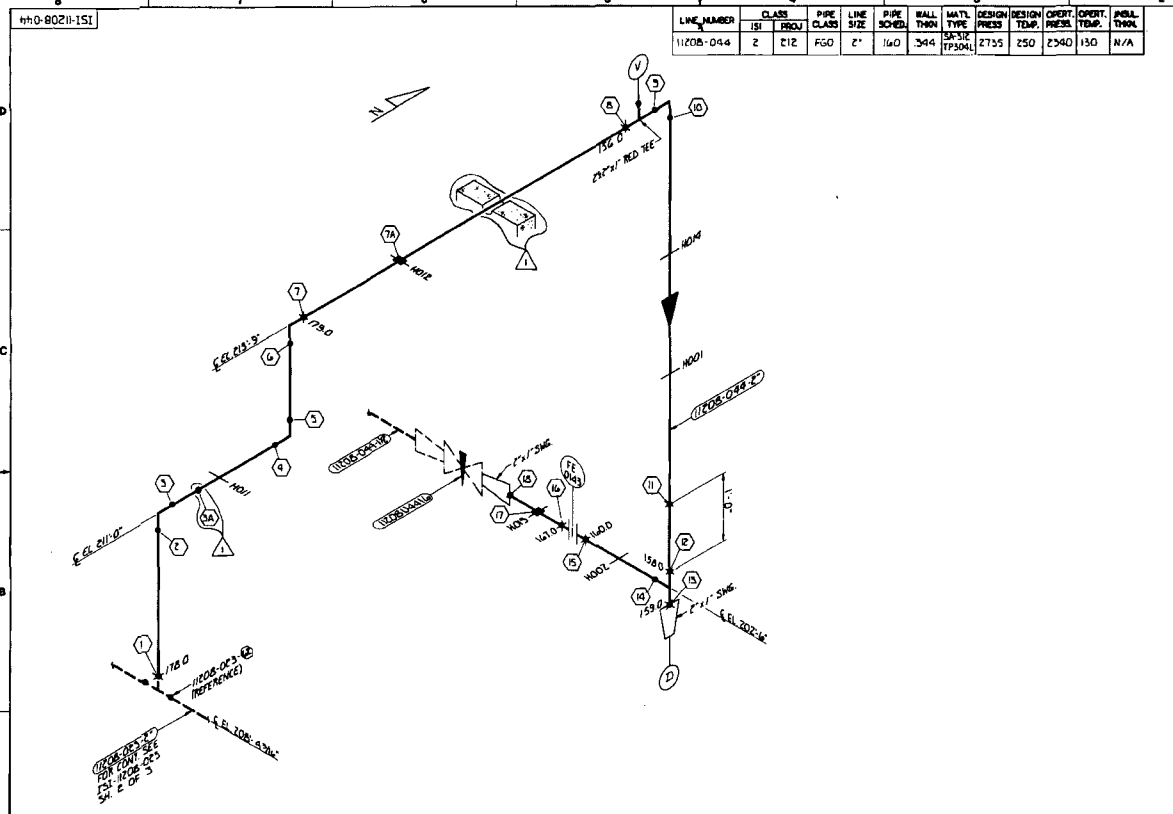
LINE NUMBER	CLASS	PIPE CLASS	LINE SIZE	PIPE SCHED.	WALL THIN	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	CRIT. PRES.	CRIT. TEMP.	WALL THIN
11208-044	Z	E12	FGO	2'	160	SA-312 TP304L	2735	250	2340	130	N/A



- LEGEND:**
- INDICATES FIELD WELD.
 - INDICATES SHOP WELD.
 - INDICATES INTERGALLY WELDED SUPPORT ATTACHMENT.
 - CONTAINMENT PENETRATION.
 - BRANCH CONNECTION WELD.
 - PIPE RESTRAINT
 - PIPE SUPPORT

- REFERENCE DRAWINGS:**
- FE TD _____ AX40004
 FAB. 150 _____ K3-1208-073-04,
 K7-1208-044-01
 PIPING LAYOUT DWG. _____ K04LSD01, E03
 CIVIL/STRUCTURAL _____ AX400A07
 HANGER DETAIL _____ V1-1208-044-1001, 1002,
 1011, 1012, 1014, 1015
- ISI CLASSIFICATION
 DWG. _____ 151-D-078

- NOTES:**
- SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX40001 APPENDIX D. (UNO)



NO.	DATE	DESCRIPTION	BY	CHECKED	APPROVED
1		ADDED WELD 3A ADDED WALL			
2		ISSUED FOR INSPECTION			

Southern Company Services, Inc.
 Georgia Power Company

VOGTLE ELECTRIC GENERATING PLANT
 UNIT 1—LINE NO. 044
 INSERVICE INSPECTION ISOMETRIC
 CVCS—SYSTEM 1208

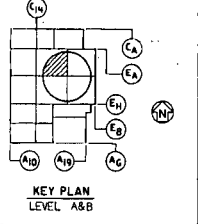
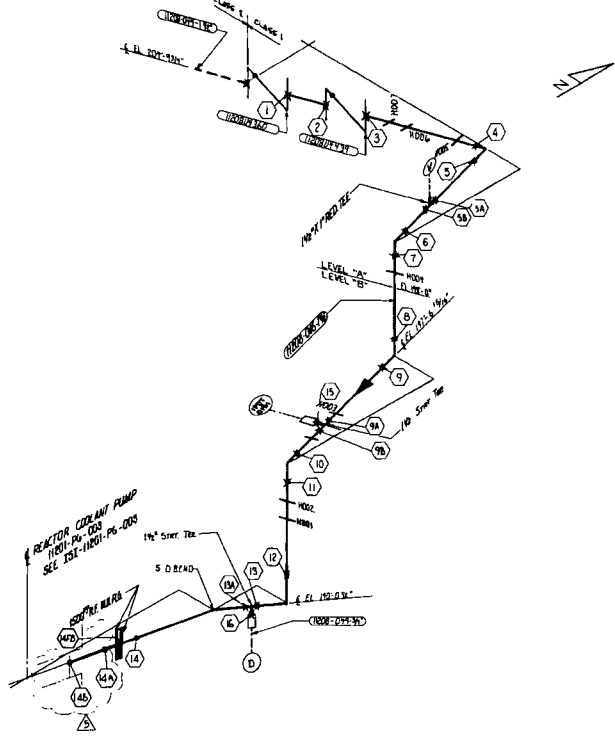
PROJECT CWD DRAWN BRG CHECKED M/S

DATE 1/15/81 PROJECT 151-D-078

DWG 151-D-078

EQUIPMENT OR WELD IDENTIFICATION NUMBER	WELD OR EQUIP. DESCRIP.	PART EXAMINED (SEE NOTE NO. 1)	EXAM. REQUIRE. (SEE NOTE NO. 2)	EXAMINATION METHOD AND ITEM NO.			
				VOL.	SURF.	VT1	VT2	VT3	VT4
1120B-D15	STEEL PIPE	INSIDE	RT				
1120B-D15-1							
1120B-D15-H001	WELD	INSIDE	RT				
1120B-D15-H002	WELD	INSIDE	RT				
1120B-D15-H003	WELD	INSIDE	RT				
1120B-D15-H004	WELD	INSIDE	RT				
1120B-D15-H005	WELD	INSIDE	RT				
1120B-D15-H006	WELD	INSIDE	RT				
1120B-D15-H007	WELD	INSIDE	RT				
1120B-D15-H008	WELD	INSIDE	RT				
1120B-D15-H009	WELD	INSIDE	RT				
1120B-D15-H010	WELD	INSIDE	RT				
1120B-D15-H011	WELD	INSIDE	RT				
1120B-D15-H012	WELD	INSIDE	RT				
1120B-D15-H013	WELD	INSIDE	RT				
1120B-D15-H014	WELD	INSIDE	RT				
1120B-D15-H015	WELD	INSIDE	RT				
1120B-D15-H016	WELD	INSIDE	RT				
1120B-D15-H017	WELD	INSIDE	RT				
1120B-D15-H018	WELD	INSIDE	RT				
1120B-D15-H019	WELD	INSIDE	RT				
1120B-D15-H020	WELD	INSIDE	RT				
1120B-D15-H021	WELD	INSIDE	RT				
1120B-D15-H022	WELD	INSIDE	RT				
1120B-D15-H023	WELD	INSIDE	RT				
1120B-D15-H024	WELD	INSIDE	RT				
1120B-D15-H025	WELD	INSIDE	RT				
1120B-D15-H026	WELD	INSIDE	RT				
1120B-D15-H027	WELD	INSIDE	RT				
1120B-D15-H028	WELD	INSIDE	RT				
1120B-D15-H029	WELD	INSIDE	RT				
1120B-D15-H030	WELD	INSIDE	RT				
1120B-D15-H031	WELD	INSIDE	RT				
1120B-D15-H032	WELD	INSIDE	RT				
1120B-D15-H033	WELD	INSIDE	RT				
1120B-D15-H034	WELD	INSIDE	RT				
1120B-D15-H035	WELD	INSIDE	RT				
1120B-D15-H036	WELD	INSIDE	RT				
1120B-D15-H037	WELD	INSIDE	RT				
1120B-D15-H038	WELD	INSIDE	RT				
1120B-D15-H039	WELD	INSIDE	RT				
1120B-D15-H040	WELD	INSIDE	RT				
1120B-D15-H041	WELD	INSIDE	RT				
1120B-D15-H042	WELD	INSIDE	RT				
1120B-D15-H043	WELD	INSIDE	RT				
1120B-D15-H044	WELD	INSIDE	RT				
1120B-D15-H045	WELD	INSIDE	RT				
1120B-D15-H046	WELD	INSIDE	RT				
1120B-D15-H047	WELD	INSIDE	RT				
1120B-D15-H048	WELD	INSIDE	RT				
1120B-D15-H049	WELD	INSIDE	RT				
1120B-D15-H050	WELD	INSIDE	RT				
1120B-D15-H051	WELD	INSIDE	RT				
1120B-D15-H052	WELD	INSIDE	RT				
1120B-D15-H053	WELD	INSIDE	RT				
1120B-D15-H054	WELD	INSIDE	RT				
1120B-D15-H055	WELD	INSIDE	RT				
1120B-D15-H056	WELD	INSIDE	RT				
1120B-D15-H057	WELD	INSIDE	RT				
1120B-D15-H058	WELD	INSIDE	RT				
1120B-D15-H059	WELD	INSIDE	RT				
1120B-D15-H060	WELD	INSIDE	RT				
1120B-D15-H061	WELD	INSIDE	RT				
1120B-D15-H062	WELD	INSIDE	RT				
1120B-D15-H063	WELD	INSIDE	RT				
1120B-D15-H064	WELD	INSIDE	RT				
1120B-D15-H065	WELD	INSIDE	RT				
1120B-D15-H066	WELD	INSIDE	RT				
1120B-D15-H067	WELD	INSIDE	RT				
1120B-D15-H068	WELD	INSIDE	RT				
1120B-D15-H069	WELD	INSIDE	RT				
1120B-D15-H070	WELD	INSIDE	RT				
1120B-D15-H071	WELD	INSIDE	RT				
1120B-D15-H072	WELD	INSIDE	RT				
1120B-D15-H073	WELD	INSIDE	RT				
1120B-D15-H074	WELD	INSIDE	RT				
1120B-D15-H075	WELD	INSIDE	RT				
1120B-D15-H076	WELD	INSIDE	RT				
1120B-D15-H077	WELD	INSIDE	RT				
1120B-D15-H078	WELD	INSIDE	RT				
1120B-D15-H079	WELD	INSIDE	RT				
1120B-D15-H080	WELD	INSIDE	RT				
1120B-D15-H081	WELD	INSIDE	RT				
1120B-D15-H082	WELD	INSIDE	RT				
1120B-D15-H083	WELD	INSIDE	RT				
1120B-D15-H084	WELD	INSIDE	RT				
1120B-D15-H085	WELD	INSIDE	RT				
1120B-D15-H086	WELD	INSIDE	RT				
1120B-D15-H087	WELD	INSIDE	RT				
1120B-D15-H088	WELD	INSIDE	RT				
1120B-D15-H089	WELD	INSIDE	RT				
1120B-D15-H090	WELD	INSIDE	RT				
1120B-D15-H091	WELD	INSIDE	RT				
1120B-D15-H092	WELD	INSIDE	RT				
1120B-D15-H093	WELD	INSIDE	RT				
1120B-D15-H094	WELD	INSIDE	RT				
1120B-D15-H095	WELD	INSIDE	RT				
1120B-D15-H096	WELD	INSIDE	RT				
1120B-D15-H097	WELD	INSIDE	RT				
1120B-D15-H098	WELD	INSIDE	RT				
1120B-D15-H099	WELD	INSIDE	RT				
1120B-D15-H100	WELD	INSIDE	RT				

LINE NUMBER	CLASS	PIPE CLASS	LINE SIZE	PIPE SCHED.	WALL THIN.	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THIN.
1120B-D15	1	111	760	1.5"	160	0.281	SA-312	2985	650	230	NA



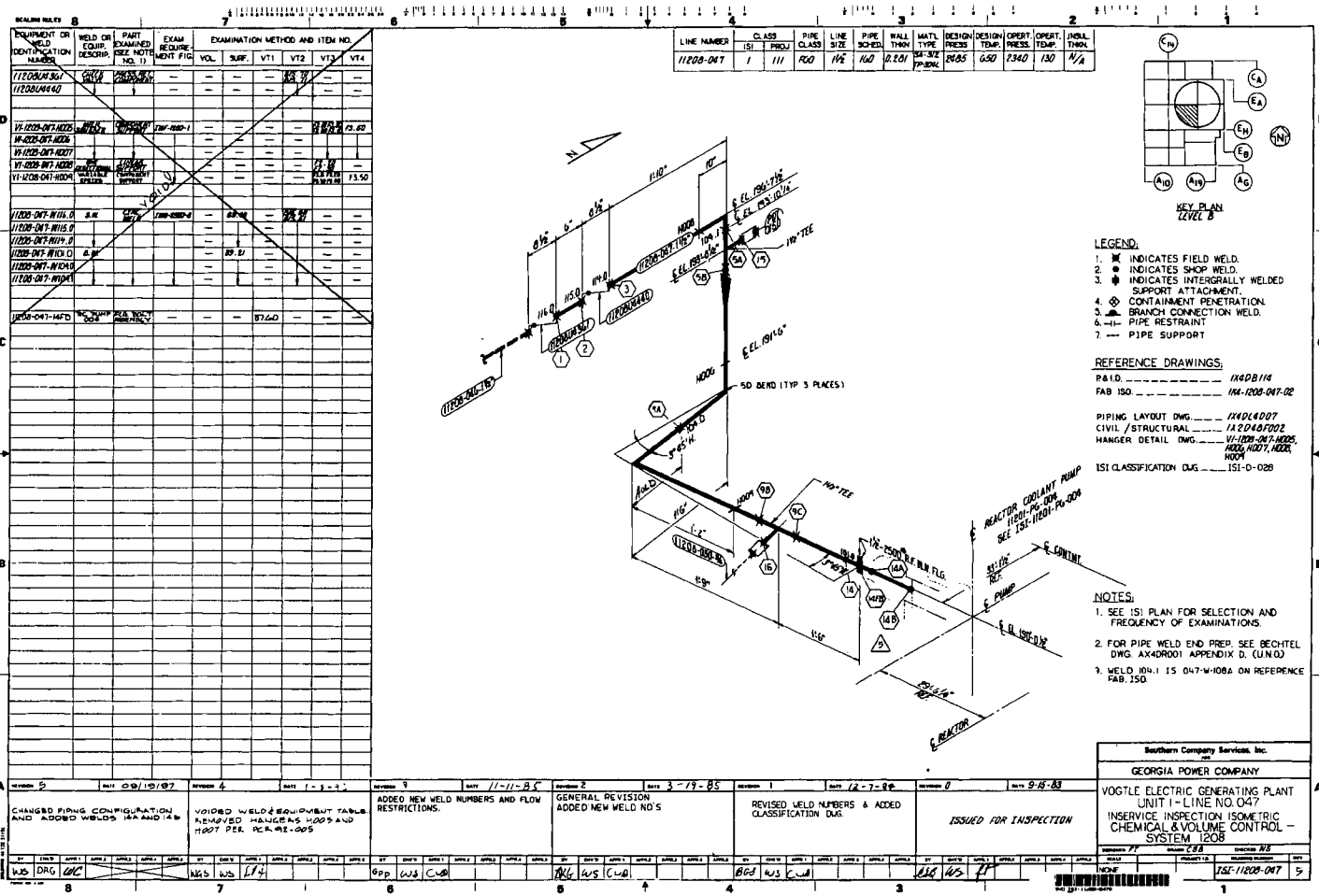
- LEGEND:**
1. * INDICATES FIELD WELD.
 2. ● INDICATES SHOP WELD.
 3. ● INDICATES INTERIALLY WELDED SUPPORT ATTACHMENT.
 4. ⊕ CONTAINMENT PENETRATION.
 5. ● BRANCH CONNECTION WELD.
 6. — PIPE RESTRAINT.
 7. — PIPE SUPPORT.

REFERENCE DRAWINGS:
P & ID — 1X40B14
FAB ISO. — 1M-120B-D15-02/14
PIPING LAYOUT DWG — 1X40L4C04 & 05
CIVIL/STRUCTURAL — 1X204B4010
HANGER DETAIL DWG — 11-20B-D15-H001 THRU H007, H025

- NOTES:**
1. SEE IS1 PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 2. FOR PIPE WELD END PREP. SEE SECTHEL DWG. AX40R001 APPENDIX D. (U/ND)

REVISION	DATE	DESCRIPTION
5	08/19/97	CHANGED PIPING CONFIGURATION AND ADDED WELDS 14A AND 14B.
4	1-3-93	REMOVED HANGER H025 PER PCA #2-008
3	3-27-87	GENERAL REVISION TO UPDATE DRAWING FOR IS1.
2	11-1-85	ADDED NEW WELD NOS. REDUCING TEES AND FLOW RESTRICTIONS
1	3-17-85	ADDED NEW WELD NOS.; HANGERS H003, H006, H007, H025 & H027
0	3-21-84	ISSUED FOR INSPECTION

Southern Company Services, Inc.	
GEORGIA POWER COMPANY	
VOGTE ELECTRIC GENERATING PLANT UNIT 1 - LINE NO. 045 INSERVICE INSPECTION ISOMETRIC CHEMICAL & VOLUME CONTROL SYSTEM 120B	
DATE	151-120B-045



- LEGEND:**
1. [Symbol] INDICATES FIELD WELD.
 2. [Symbol] INDICATES SHOP WELD.
 3. [Symbol] INDICATES INTERGRIFF WELDED SUPPORT ATTACHMENT.
 4. [Symbol] CONTAINMENT PENETRATION.
 5. [Symbol] BRANCH CONNECTION WELD.
 6. [Symbol] PIPE RESTRAINT.
 7. [Symbol] PIPE SUPPORT.

- REFERENCE DRAWINGS:**
- P&ID: 11408114
 - FAB ISO: 114-1208-047-02
 - PIPING LAYOUT DWG: 11404407
 - CIVIL / STRUCTURAL: 112048002
 - HANGER DETAIL DWG: 11-1208-047-005, ADDS, H007, H008, H009
 - ISI CLASSIFICATION DWG: 111-0-028

- NOTES:**
1. SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 2. FOR PIPE WELD END PREP SEE BECHTEL DWG AX48001 APPENDIX D (U.N.O.)
 3. WELD 104.1 IS 047-W108A ON REFERENCE FAB 150.

Southern Company Services, Inc.
 GEORGIA POWER COMPANY

VOGTLE ELECTRIC GENERATING PLANT
 UNIT 1 - LINE NO. 047
 INSERVICE INSPECTION ISOMETRIC
 CHEMICAL & VOLUME CONTROL -
 SYSTEM 1208

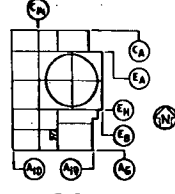
ISSUED FOR INSPECTION

PROJECT 114
 SHEET 114-1208-047
 5

REVISION	DATE	DESCRIPTION
5	02/15/87	CHANGED PIPING CONFIGURATION AND ADDED WELDS 1A AND 1B
4	1-2-87	VOIDED WELDS & EQUIPMENT TABLE REMOVED HANGERS, HOOS AND HOOT PER PC-A-12-005
3	11-11-85	ADDED NEW WELD NUMBERS AND FLOW RESTRICTIONS.
2	3-19-85	GENERAL REVISION ADDED NEW WELD NO'S
1	12-7-84	REVISED WELD NUMBERS & ADDED CLASSIFICATION DWG
0	9-18-83	

SCALE: 1/4" = 1'-0"

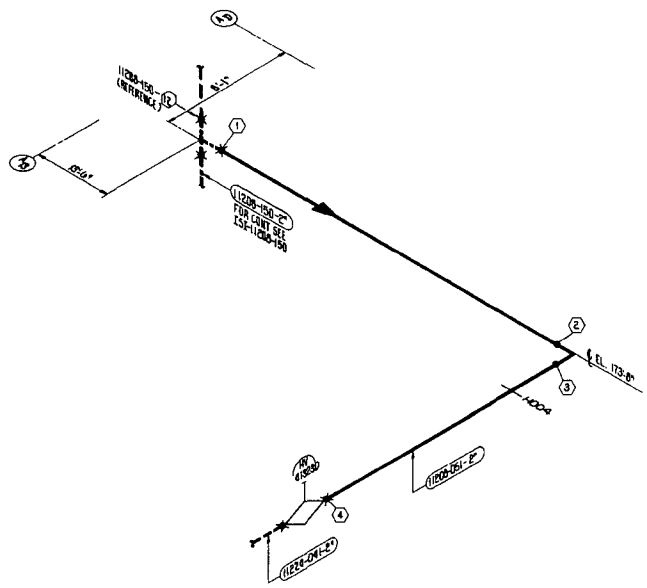
LINE NUMBER	CLASS	PIPE	LINE	PIPE	WALL	MAT'L	DESIGN	DESIGN	OPER.	OPER.	INSTR.	
	ISI	PROJ.	CLASS	SIZE	SCHED.	THICK.	TYPE	PRESS.	TEMP.	PRESS.	TEMP.	THICK.
11208-051	2	212	R00	2"	160	0.44"	SA-312 TP 304	2735	250	2940	150	N/A



- LEGEND:**
- 1. X INDICATES FIELD WELD.
 - 2. ● INDICATES SHOP WELD.
 - 3. ⊕ INDICATES INTERGRALLY WELDED SUPPORT ATTACHMENT.
 - 4. ⊕ CONTAINMENT PENETRATION.
 - 5. ⊕ BRANCH CONNECTION WELD.
 - 6. —|— PIPE RESTRAINT.

- REFERENCE DRAWINGS:**
- PG 1 D ----- 1A4DB148
 - FAB ISO ----- 1A3-1208-150-02
 - PIPE LAYOUT DWG ----- 1A4DL3F04
 - CIVIL / STRUCTURAL ----- AX2D000049
 - HANGER DET DWG ----- V1-1208-150-1004
 - ISI CLASS DWG ----- ISI-D-033

- NOTES:**
- 1. SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - 2. FOR PIPE WELD END PREP, SEE BECHTEL DWG. AX4DR001 APPENDIX D. (UW/O)



ISO-80211-151

D
C
B
A

DATE	DESCRIPTION	DATE	DESCRIPTION	DATE	DESCRIPTION	DATE	DESCRIPTION	DATE	DESCRIPTION

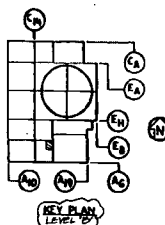
Southern Company Services, Inc.
Georgia Power Company
 ISSUED FOR INSPECTION
 VOGTLE ELECTRIC GENERATING PLANT
 UNIT 1 - LINE NO. 051
 INSERVICE INSPECTION ISOMETRIC
 CVCS - SYSTEM 1208
 DRAWN BY: CHD
 CHECKED BY: JBS
 DATE: 11/20/88
 SHEET: 151-1208-051 / 0

7 6 5 4 3 2 1

SCALE: 1/8" = 1'-0"

250-4021-151

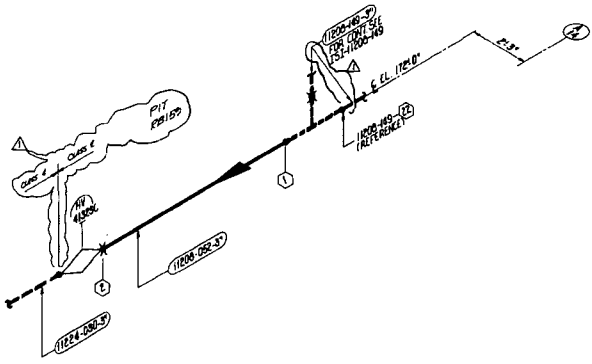
LINE NUMBER	CLASS	PIPE CLASS	PIPE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSTR. THICK.
11208-052	2	E12	700	3"	160	SA-312 TP 304	2135	250	2340	130	N/A



- LEGEND:**
- 1. X INDICATES FIELD WELD.
 - 2. O INDICATES SHOP WELD.
 - 3. □ INDICATES INTERNALLY WELDED SUPPORT ATTACHMENT.
 - 4. ◇ CONTAINMENT PENETRATION.
 - 5. △ BRANCH CONNECTION WELD.
 - 6. -| PIPE RESTRAINT.

- REFERENCE DRAWINGS:**
- PELD - 1148B165
 - FAB ISD - 143-889-04 04/11
 - PEPING LAYOUT DWG. - 1143L 3/78
 - CIVIL/STRUCTURAL - A20200409
 - F' SHEETS - F02002

- NOTES:**
- 1. SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - 2. FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX48001 APPENDIX D. (U.N.D.)



REVISION	DATE	DESCRIPTION
1	10-28-82	ISSUED FOR INSPECTION
2	10-28-82	GENERAL REVISION TO UPGRADE EXAMINATION FOR ISI.

Southern Company Services, Inc.
 Georgia Power Company

VOGTLE ELECTRIC GENERATING PLANT
 UNIT 1 - LINE NO. 052
 INSERVICE INSPECTION ISOMETRIC
 CVCS - SYSTEM 1208

ISSUED FOR INSPECTION

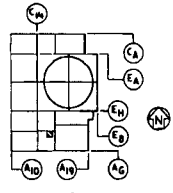
DATE: 10-28-82

BY: GIB/SGC

CHKD: JWS/CWH

SCALE: 1/8" = 1'-0"

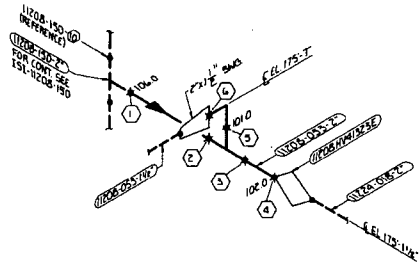
LINE NUMBER	CLASS	PIPE	LINE	PIPE	WALL	MATL	DESIGN	DESIGN	OPER.	OPER.	INSTR.	
	ISI	PROJ.	CLASS	SIZE	SCHED.	THICK.	TYPE	PRESS.	TEMP.	PRESS.	TEMP.	THICK.
1120B-053	2	E12	FGD	2"	160	.344	SA312 TP304L	2135	250	2540	130	N/A



- LEGEND:**
- INDICATES FIELD WELD.
 - INDICATES SHOP WELD.
 - INDICATES INTEGRALLY WELDED SUPPORT ATTACHMENT.
 - CONTAINMENT PENETRATION.
 - BRANCH CONNECTION WELD.
 - PIPE RESTRAINT.
 - PIPE SUPPORT.

REFERENCE DRAWINGS:
 P&ID: J400B446
 FAB: 150 J45-120B-150-02
 PIPING LAYOUT DWG: J440L5109
 CIVIL/STRUCTURAL: AYED08A049
 ISI CLASSIFICATION DWG: ISI-D-053

- NOTES:**
- SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX40001 APPENDIX D. (UNO)



650002H151

DATE	BY	CHKD	APPV	REVISION	DATE	BY	CHKD	APPV	REVISION	DATE	BY	CHKD	APPV	REVISION	DATE	BY	CHKD	APPV	REVISION	

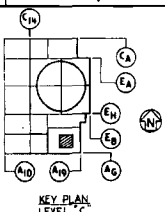
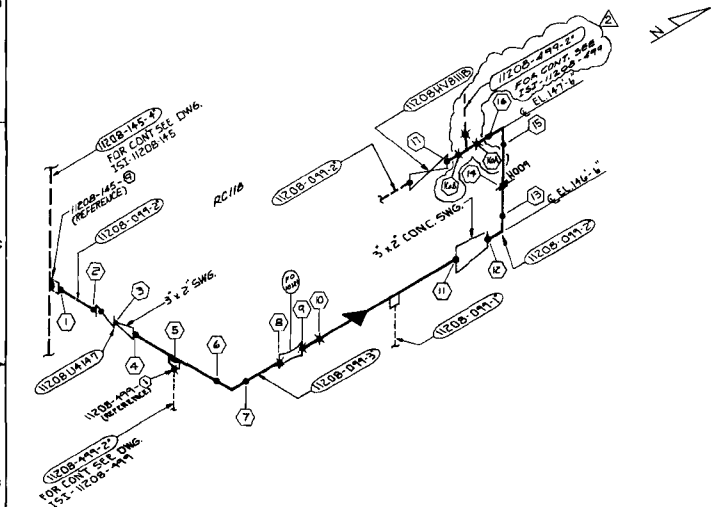
Southern Company Services, Inc.
 Georgia Power Company

ISSUED FOR INSPECTION

VOGTLE ELECTRIC GENERATING PLANT
 UNIT 1 - LINE NO. 053
 INSERVICE INSPECTION ISOMETRIC
 CVCS - SYSTEM 120B

DESIGNED BY: BKG
 CHECKED BY: CMA
 DATE: 11/15/03

LINE NUMBER	CLASS	PIPE CLASS	LINE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THICK.
11208-099	2	212	FGO	2"	160	SA-312 SP-304	2735	250	2350	130	N/A
11208-099	2	212	FGO	3"	160	SA-312 SP-304	2735	250	2350	130	N/A



- LEGEND:**
- INDICATES FIELD WELD.
 - INDICATES SHOP WELD.
 - INDICATES INTERGRALLY WELDED SUPPORT ATTACHMENT.
 - CONTAINMENT PENETRATION.
 - BRANCH CONNECTION WELD.
 - PIPE RESTRAINT.
 - INDICATES PIPE SUPPORT.

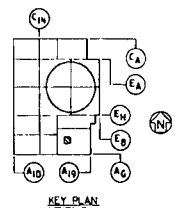
- REFERENCE DRAWINGS:**
- PA 10 ----- 1K4DB116-2
 - FAB 150 ----- 1K3-1208-099-01/13
 - 1K3-1208-099-02/13
 - PIPING LAYOUT DWG. 11208-145-2
 - CIVIL/STRUCTURAL AX2008A028
 - HANGER DETAIL DWG. VI-1208-099-1009
 - F-SHEETS ----- F-049, 050, 14163

- NOTES:**
- SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX48001 APPENDIX D. (UNQ.)

Southern Company Services, Inc.		Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT UNIT 1 - LINE NO. 099 INSERVICE INSPECTION ISOMETRIC NSCW-SYSTEM 1208			
ISSUED FOR INSPECTION	DATE: 11-20-96	DATE: 5-28-87	DATE: 10-28-85
W.S. DRG	DRG	DRG	DRG
1	2	3	4

SCALING RULES

LINE NUMBER	CLASS	PIPE CLASS	LINE SIZE	PIPE SCHED.	WALL THICK.	MAT'L TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THICK.
1120B-101	Z	Z2	FGO	3"	160	308	2735	250	2350	150	N/A
1120B-101	Z	Z12	FGO	2"	160	344	2735	250	2350	150	N/A

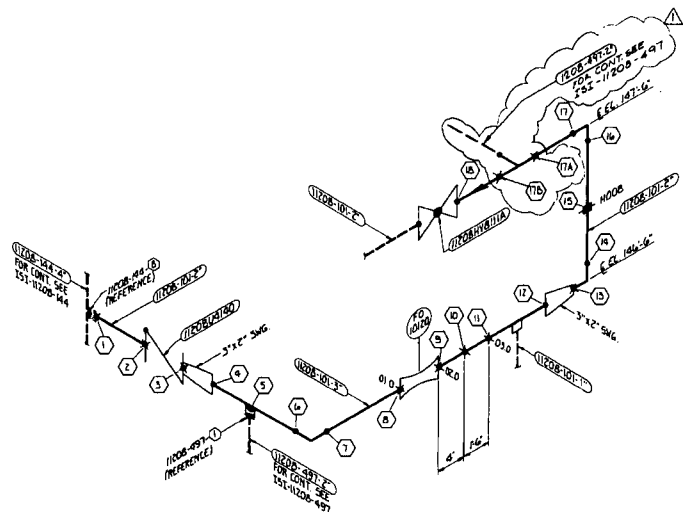


- LEGEND:
- INDICATES FIELD WELD.
 - INDICATES SHOP WELD.
 - INDICATES INTERGRALLY WELDED SUPPORT ATTACHMENT.
 - CONTAINMENT PENETRATION.
 - BRANCH CONNECTION WELD.
 - PIPE RESTRAINT.
 - PIPE SUPPORT.

- REFERENCE DRAWINGS:
- FEED: 1120B111-Z
 - FAD: 150: 1120B-099-01
 - PEPING LAYOUT DWG: 1120B-101-01
 - CIVIL/STRUCTURAL: 1120B-101-02
 - MANAGER DETAIL DWG: 1120B-101-008

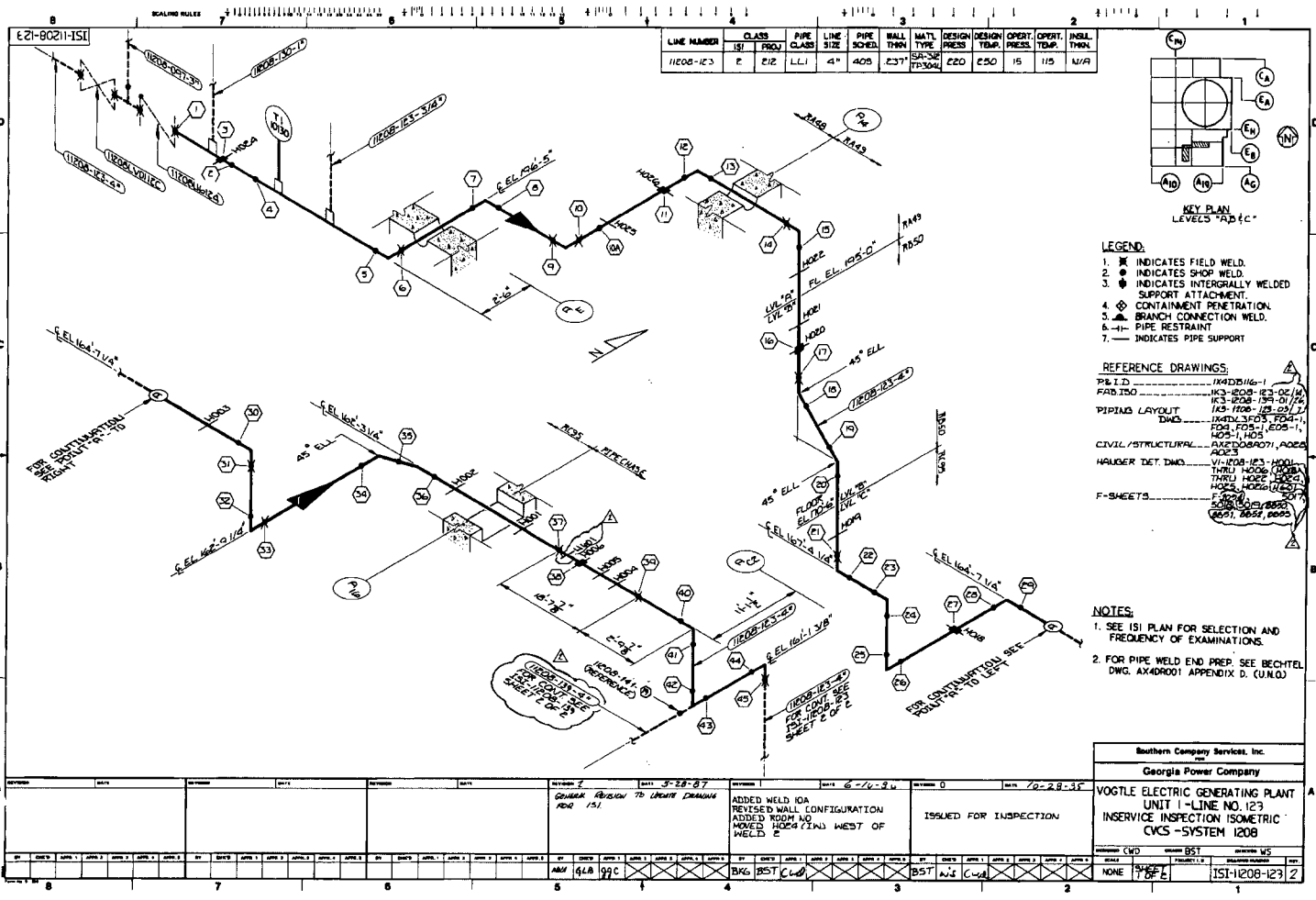
F-SHEETS: F-1347, F-1348, F-1416, 4
 ISI CLASSIFICATION: DWG-151-D-051

- NOTES:
- SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX48001 APPENDIX D. (U.N.O.)

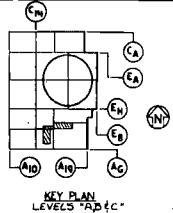


Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT UNIT 1 - LINE NO. 101 INSERVICE INSPECTION ISOMETRIC CVCS - SYSTEM 120B	
ISSUED FOR INSPECTION	DATE: 11-20-86
BY: BKG	CHECKED: CUG
DATE: 11-20-86	DATE: 11-20-86

NO.	DATE	BY	CHKD.	APPV.	REVISION
1					
2					
3					
4					
5					
6					
7					



LINE NUMBER	CLASS	PIPE CLASS	LINE SIZE	PIPE SCHED.	WALL THIN	MATL TYPE	DESIGN PRESS	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSTR. THIN		
11208-123	E	E12	LL1	4"	40S	E37	SR304	EP304	E20	E50	15	115	N/A



- LEGEND:**
- 1. [Symbol] INDICATES FIELD WELD.
 - 2. [Symbol] INDICATES SHOP WELD.
 - 3. [Symbol] INDICATES INTERGRALLY WELDED SUPPORT ATTACHMENT.
 - 4. [Symbol] CONTAINMENT PENETRATION.
 - 5. [Symbol] BRANCH CONNECTION WELD.
 - 6. [Symbol] PIPE RESTRAINT.
 - 7. [Symbol] INDICATES PIPE SUPPORT.

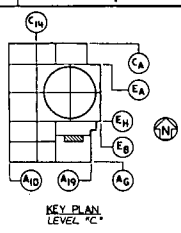
- REFERENCE DRAWINGS:**
- P&ID: 11402B16-1
 - F&I: 103-1208-123-01/10
 - PIPING LAYOUT: 11402B16-1
 - CIVIL/STRUCTURAL: AX4000071, AX0000000
 - HAULER DET. DWG: VI-1208-123-1001
 - F-SHEETS: 11402B16-1

- NOTES:**
1. SEE IS1 PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 2. FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX40001 APPENDIX D. (U.N.O.)

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT UNIT 1-LINE NO. 123 INSERVICE INSPECTION ISOMETRIC CVCS -SYSTEM 1208	
DESIGNED BY: CWD	APPROVED BY: BST
DRAWN BY: BST	DATE: 7-8-87
CHECKED BY: A.J.E.	SCALE: AS SHOWN
ISSUED FOR INSPECTION	SHEET NO. 2

NO.	DATE	DESCRIPTION
1	7-8-87	ISSUED FOR INSPECTION
2	7-8-87	ADDED WELD FOR REVISED WALL CONFIGURATION
3	7-8-87	ADDED ROOM NO. 1004 (2ND WEST OF WELD E)
4	7-8-87	MODIFIED ROOM NO. 1004 (2ND WEST OF WELD E)

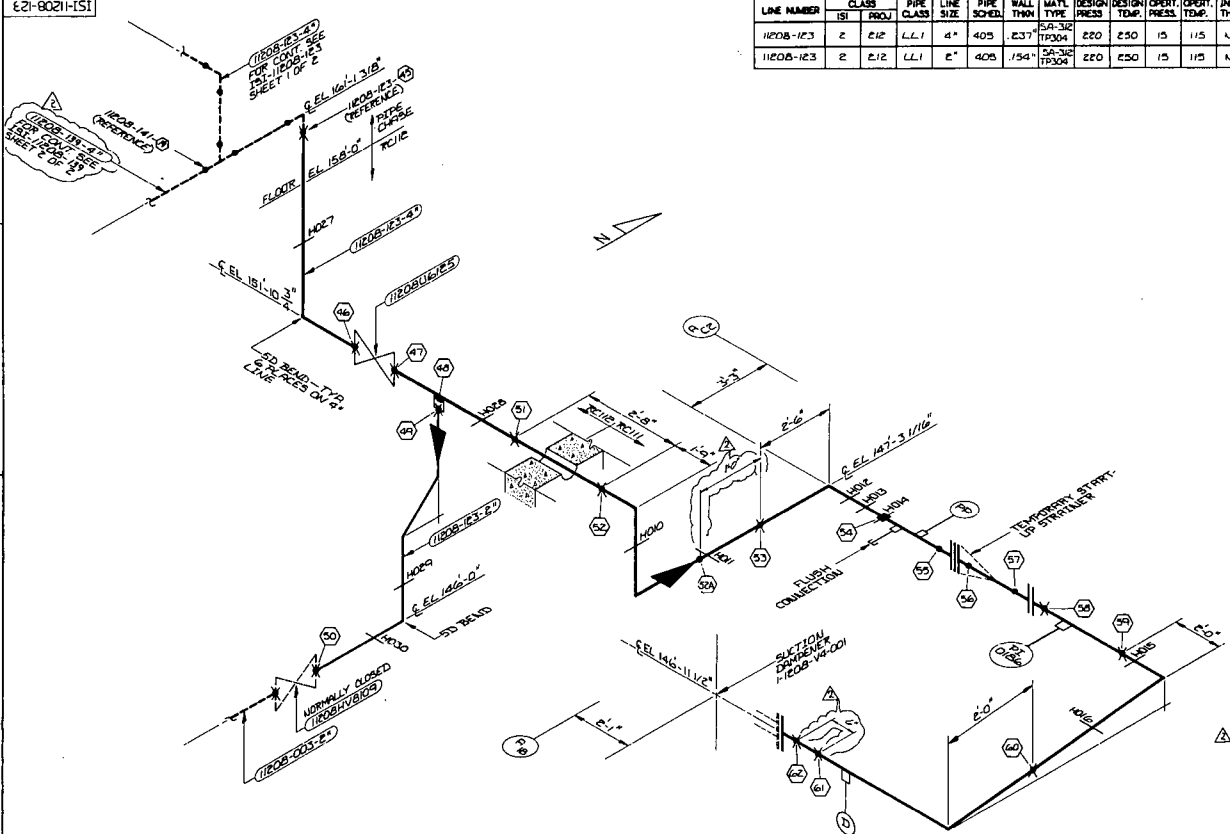
LINE NUMBER	CLASS	PIPE CLASS	LINE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	WELL THICK.	
1120B-123	2	E12	LL1	4"	40S	E37	SA-312 TP304	E20	E50	15	115	N/A
1120B-123	2	E12	LL1	2"	40S	E37	SA-312 TP304	E20	E50	15	115	N/A



- LEGEND:**
- ⊠ INDICATES FIELD WELD.
 - INDICATES SHOP WELD.
 - ⊞ INDICATES INTERGRALLY WELDED SUPPORT ATTACHMENT.
 - ⊕ CONTAINMENT PENETRATION.
 - ⊞ BRANCH CONNECTION WELD.
 - | PIPE RESTRAINT
 - INDICATES PIPE SUPPORT

- REFERENCE DRAWINGS:**
- P&ID 116-116-1
 - P&ID 120-120B-123-01/02
 - PIPING LAYOUT 116-116-3-01/02
 - CIVIL/STRUCTURAL 116-116-3-01/02
 - HAUNDER DET. DWG. 116-116-3-01/02
 - F-SHEETS 2094, 2096, 2098

- NOTES:**
- SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX40001 APPENDIX D. (U.N.G.)
 - WELD 52A WAS LOST DURING FIELD WALKDOWN



REVISION	DATE	BY	DESCRIPTION
REVISION 2	DATE 5-28-87	BY G. J. J. - 20	ISSUED FOR INSPECTION
REVISION 1	DATE 6-11-87	BY BGT	ADDED WELD 52A
REVISION 0	DATE 10-28-83	BY	GENERAL REVISION TO UPDATE DRAWING FOR 151

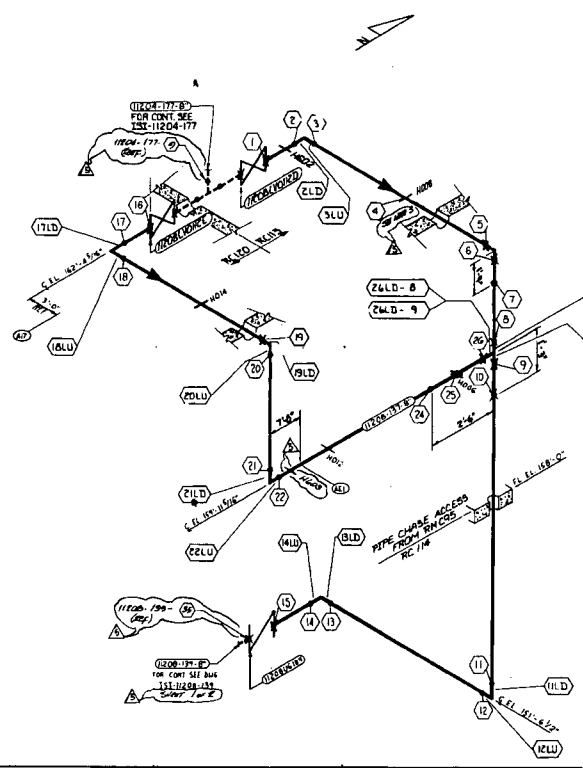
Southern Company Services, Inc.
 Georgia Power Company

VOGTLE ELECTRIC GENERATING PLANT
 UNIT 1 - LINE NO. 123
 INSERVICE INSPECTION ISOMETRIC
 CYCS - SYSTEM 120B

SCALE: NONE
 SHEET: 2 OF 2
 PROJECT: 151-1120B-123
 DRAWING NO: 151-1120B-123

WELD OR IDENTIFICATION NO.	WELD EQUIP. DESIGN	PART NO. 1	EXAM. MEASURE	EXAMINATION METHOD AND ITEM NO.			
				VOL.	SURF.	VT1	VT2
W01							
W02							
W03							
W04							
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W92							
W93							
W94							
W95							
W96							
W97							
W98							
W99							
W100							

LINE NUMBER	CLASS	PIPE CLASS	LINE SIZE	PIPE SCHED.	WALL THICK.	MAT. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THICK.	
1208-137	E12	E	LL1	8"	40S	307	11304	220	250	15	115	N/A

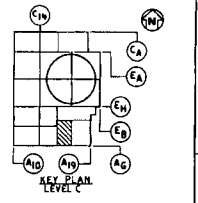


LEGEND:
 1 - INDICATES FIELD WELD.
 2 - INDICATES INTEGRALLY WELDED SUPPORT ATTACHMENT.
 3 - INDICATES SHOP WELD.
 4 - INDICATES PIPE SUPPORT.

REFERENCE DRAWINGS:
 P & ID _____ 11408114-E
 FAB ISO _____ 113-1208-137-D/13

PIPING LAYOUT DWG _____ 11408114 & 11408-01
 CIVIL/STRUCTURAL _____ A12008A028
 HANGER DETAIL DWG _____ 11-1008-177-11008, 11008-11008, 11008-11008, 11008-11008
 F-SHEETS _____ F-802 THRU F-815 & F-851

NOTES:
 1. FOR PIPE WELD END PIPE SEE DRAWING DATE APPROXIMATE TO (LWD)
 2. SEE IS1 PLAN FOR SECTION AND FREQUENCY OF EXAMINATION
 3. WELD NO. 4 IS NO LONGER AN INTEGRALLY WELDED ATTACHMENT



REVISION	DATE	BY	CHKD	APPV	DESCRIPTION
1	5-28-87	DKG	WST	CUR	ADDED LONG SEAM WELD NO. REVISED ROOM NO. REVISED VALVE NO.
2	11-16-85	DKG	WST	CUR	ADDED NEW HANGER W602
3	4-3-85	DKG	WST	CUR	ADDED NEW WELD NUMBERS CORRECTED VALVE NUMBERS HOPE IS NO LONGER INTEGRALLY WELDED REVISED LEGEND AND NOTES REMOVED WELD NO. 4 ADDED ROOM NUMBERS REMOVED INSULATION
4		DKG	WST	CUR	ADDED WELD NO. 04.9 & CLASSIFICATION DWG
5		DKG	WST	CUR	ISSUED FOR INSPECTION

Southern Company Services, Inc.
 Georgia Power Company

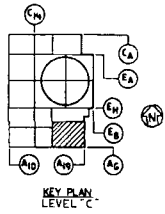
VOGTLE ELECTRIC GENERATING PLANT
 UNIT 1 - LINE NO. 137
 INSERVICE INSPECTION ISOMETRIC
 CHEMICAL & VOLUME CONTROL
 SYSTEM 1208

REVISION FT. _____ DKG
 NONE

DATE: 11-1208-137

SCALE: 1" = 10'

LINE NUMBER	CLASS	PIPE CLASS	LINE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	JOINT THICK.	
11208-139	2	212	LL1	4"	40S	.237	SA-312 TP-304	220	250	15	115	N/A



LEGEND:

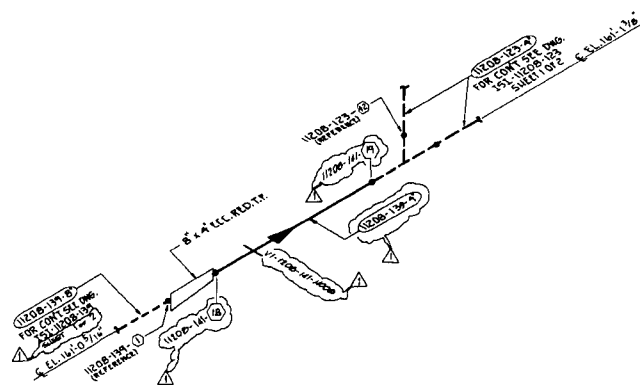
1. [Symbol] INDICATES FIELD WELD.
2. [Symbol] INDICATES SHOP WELD.
3. [Symbol] INDICATES INTERMEDIATELY WELDED SUPPORT ATTACHMENT.
4. [Symbol] CONTAINMENT PENETRATION.
5. [Symbol] BRANCH CONNECTION WELD.
6. [Symbol] PIPE RESTRAINT.
7. [Symbol] INDICATES PIPE SUPPORT.

REFERENCE DRAWINGS:

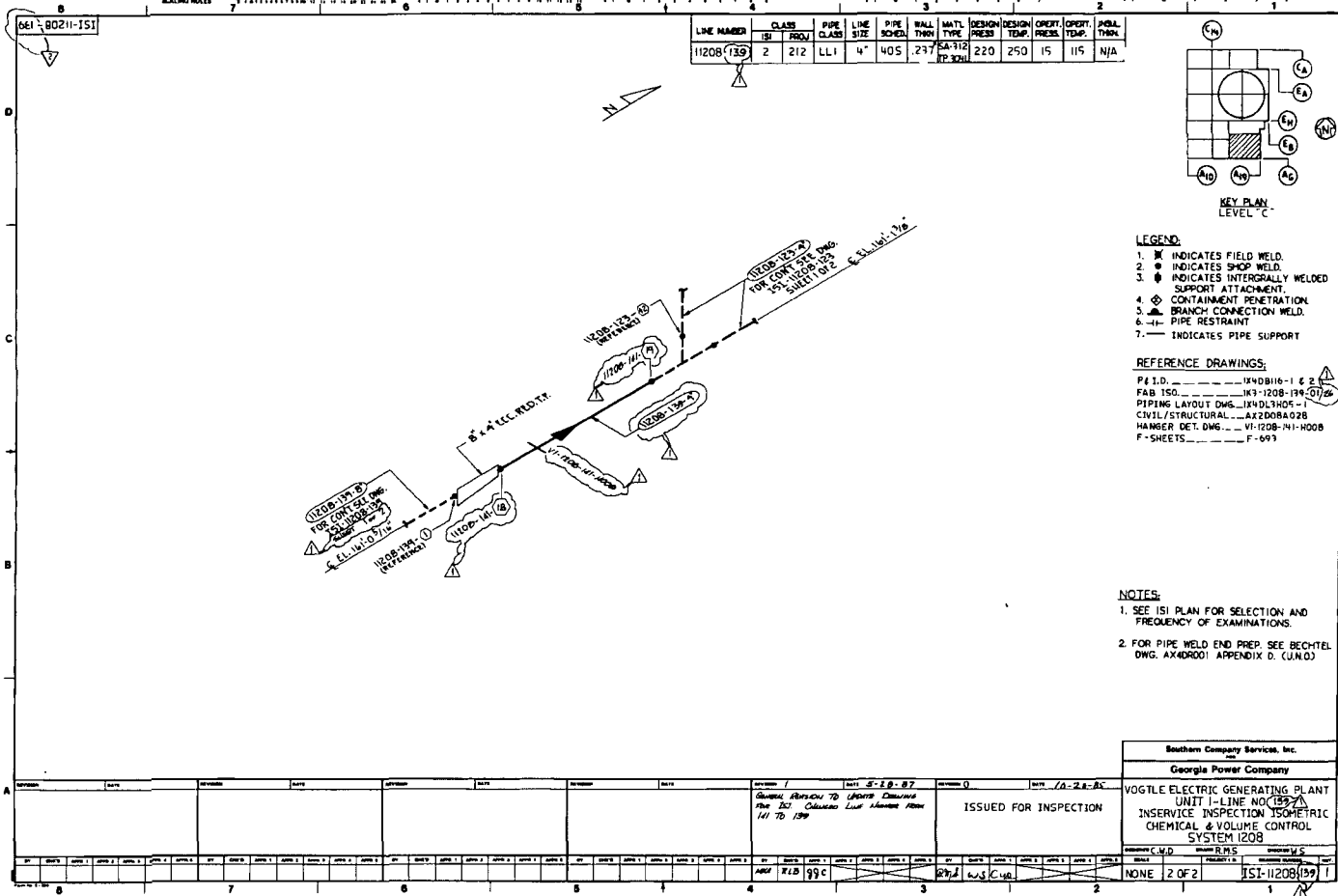
- P.I.D. _____ I-408116-1 & 2
- FAB ISD _____ I-408116-1 & 2
- PIPING LAYOUT DWG. _____ I-408116-1 & 2
- CIVIL/STRUCTURAL _____ AX208A028
- HANGER DET. DWG. _____ VI-1208-141-H008
- F-SHEETS _____ F-693

NOTES:

1. SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
2. FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX40801 APPENDIX D. (U.N.D)

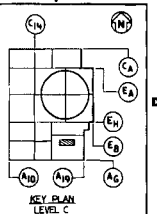


Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 1-LINE NO. 139	
INSERVICE INSPECTION ISOMETRIC	
CHEMICAL & VOLUME CONTROL	
SYSTEM 1208	
DATE	ISSUED FOR INSPECTION
BY	APPROVED
DATE	DATE
APR 11 1990	APR 11 1990
1	2 OF 2
11208-139	



EXAMINATION METHOD AND ITEM NO.	EXAMINATION METHOD				VOL.	SURE	VT1	VT2	VTS	VT4
	VT	VT	VT	VT						
1120-BV-B7-A										
V-1208-V1-H002										
H002										
H003										
H004										
H005										
H006										
H010										
H011										
H012										
H013										
H014										
H015										
H016										
H017										
H018										
H019										
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H025										
H026										
H027										
H028										
H029										
H030										
H031										
H032										
H033										
H034										
H035										
H036										
H037										
H038										
H039										
H040										

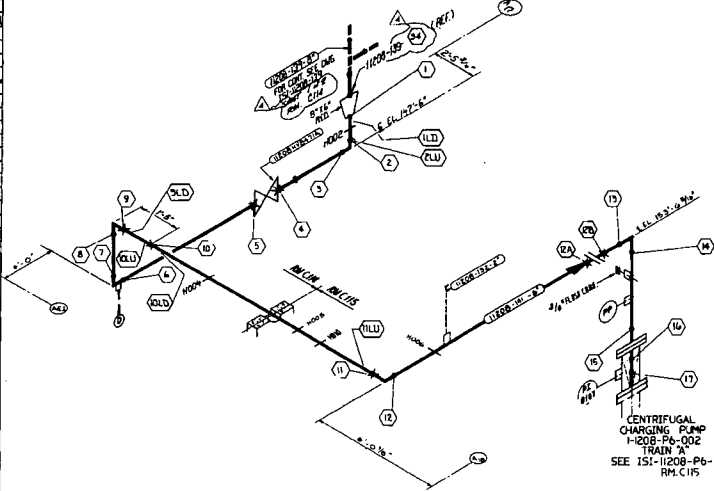
LINE NUMBER	CLASS	PIPE CLASS	LINE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THICK.
11208-V1	E	C1E	LL1	6"	40E	200	SA-312	220	250	15	1/2



- LEGEND:
- ⊗ INDICATES FIELD WELD
 - ⊕ INDICATES INTEGRALLY WELDED SUPPORT ATTACHMENT
 - ⊙ INDICATES SHOP WELD
 - - - INDICATES PIPE HANGER

- REFERENCE DRAWINGS:
- P & ID - 11208-V1, 11208-V2, 11208-V3
 - PIPING LAYOUT DWG - 11208-V1
 - CIVIL/STRUCTURAL - 11208-V1
 - HANGER DETAIL DWGS - 11208-V1, 11208-V2, 11208-V3
 - F-SHEETS - F-102, F-104, F-105, F-106, F-107, F-108

- NOTES:
- SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATION.
 - FOR PIPE WELD END PREP SEE BECHTEL DWG. AKN0001 APPENDIX D. (UN.G)



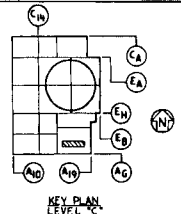
REVISION	DATE	DESCRIPTION
1	3-28-87	QUANTIFY APPROX TO UPDATE DRAWING PER ISI
2	6-10-86	ADDED LONG SEAM WELD NO.
3	11-11-85	ADDED WELDS 12A & 12B
4	4-1-85	REVISED NOTES 11208-V1-H001 CHANGED TO 11208-V3-H001.3 (REF) REMOVED H001 REMOVED H003 ADDED WELDS 12A & 12B
5	6-11-84	ISSUED FOR INSPECTION

Southern Company Services, Inc.
Georgia Power Company

VOGTLE ELECTRIC GENERATING PLANT
UNIT 1, LINE NO. 141
INSERVICE INSPECTION ISOMETRIC
CHEMICAL & VOLUME CONTROL
SYSTEM 1208

DATE: 11-11-85
DRAWN BY: [Signature]
CHECKED BY: [Signature]
SCALE: NONE
SHEET NO: 151-11208-V1 4

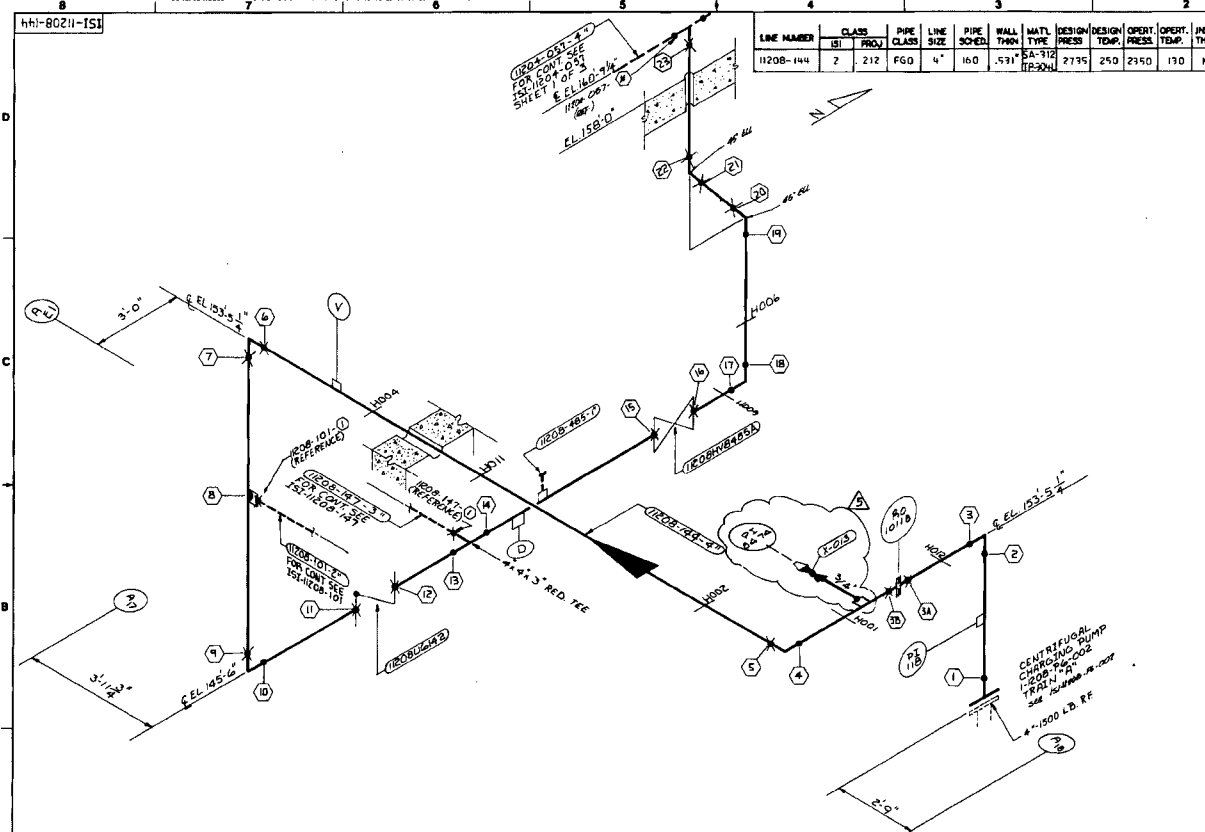
LINE NUMBER	CLASS	PIPE CLASS	LINE SIZE	PIPE SCHED.	WALL THK.	MATL. TYPE	DESIGN PRESS.	OPER. TEMP.	OPER. PRESS.	HOLD. THOL.	
1208-144	2	212	FGO	4"	160	.531 SA-312 TP-304	2795	250	2350	170	N/A



- LEGEND:**
- ✕ INDICATES FIELD WELD.
 - INDICATES SHOP WELD.
 - ◆ INDICATES INTERGRALLY WELDED SUPPORT ATTACHMENT.
 - ⊕ CONTAINMENT PENETRATION.
 - ▲ BRANCH CONNECTION WELD.
 - |— PIPE RESTRAINT
 - |— INDICATES PIPE SUPPORT

- REFERENCE DRAWINGS:**
- P & I D. --- AX4DB16
 - FAB ISO --- K3-1208-144-01/0
 - PIPING LAYOUT DWG. --- K4DL3H05
 - CIVIL / STRUCTURAL --- AX2DOB028
 - HANGER DET. DWG. --- JH-1208-144-H001, H002, H004, H005, H011, H012, H020, H010
 - F-SHEETS --- P-2376, 2377, 2378, 2379

- NOTES:**
- SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX4D001 APPENDIX D. (U/M.O)



REVISION	DATE	DESCRIPTION
1	12-2-78	ADDED PI-0474 PER DCP 08-V10010
2	12-2-78	ADDED RESTRICTING ORifice 10118 PER DCP 08-V100213-0-1
3	5/23/79	DELETED HANGER H010 PER PDR 91-004
4	5-20-87	GENERAL CORRECTION TO UPGRADE DRAWING FOR ISI
5	4-26-88	ADDED WELD 3A & 3B
6	10-29-88	ISSUED FOR INSPECTION

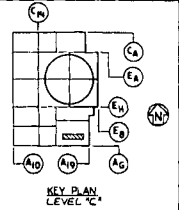
Southern Company Services, Inc.
Georgia Power Company

VOGTLE ELECTRIC GENERATING PLANT
UNIT 1 - LINE NO 144
INSERVICE INSPECTION ISOMETRIC
CHEMICAL & VOLUME CONTROL
SYSTEM 1208

DESIGNED	BY	DATE
CWD	RMS	10/29/88
CHECKED	BY	DATE
NONE	W.S.	10/29/88

ISI-1208-144 3

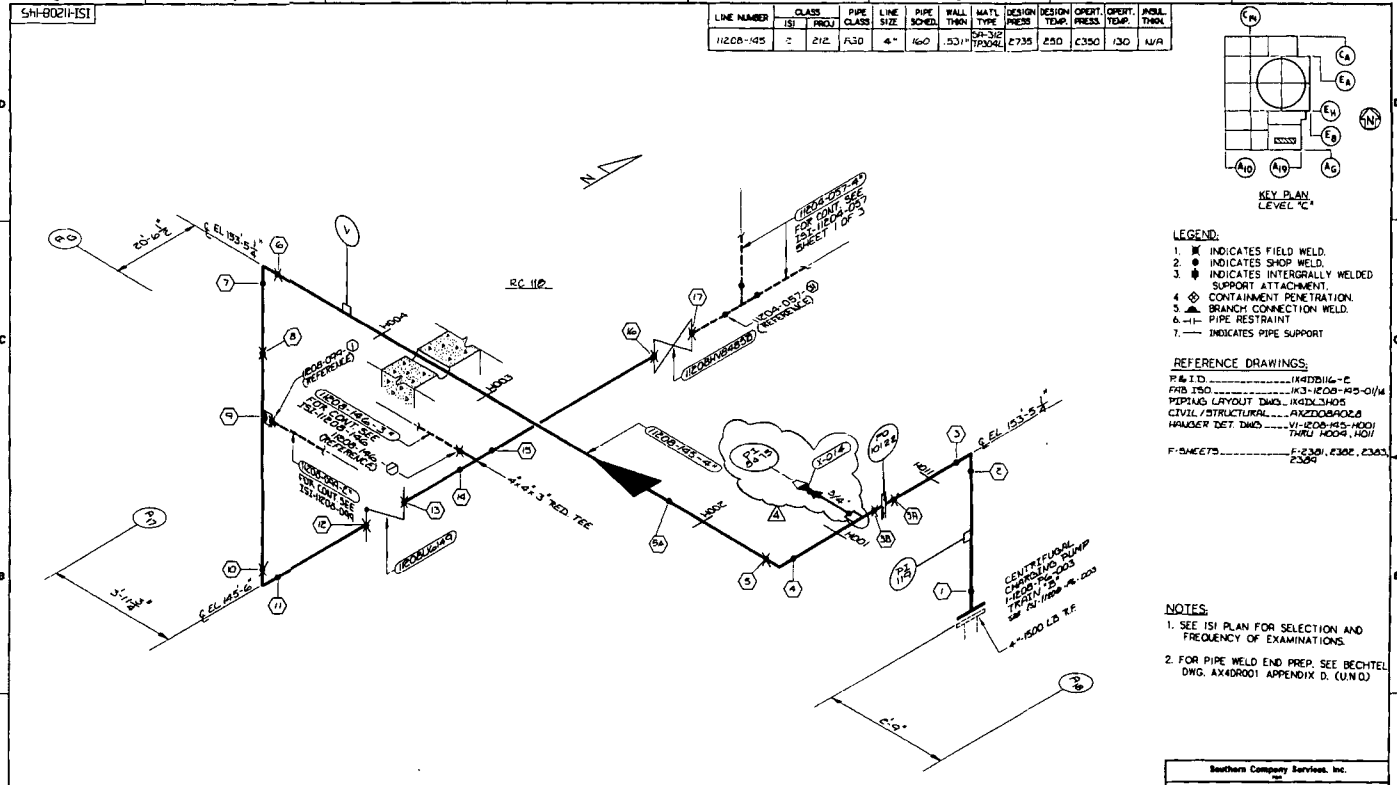
LINE NUMBER	CLASS	PIPE CLASS	PIPE SIZE	PIPE SCHED.	WALL THICK.	MATL TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THICK.
11208-145	2	212	FGD	4"	160	SA-312 TP304L	2735	250	2350	130	N/A



- LEGEND:**
- W INDICATES FIELD WELD.
 - INDICATES SHOP WELD.
 - ◆ INDICATES INTERGRALLY WELDED SUPPORT ATTACHMENT.
 - ⊕ CONTAINMENT PENETRATION.
 - ⊙ BRANCH CONNECTION WELD.
 - |— PIPE RESTRAINT.
 - |— INDICATES PIPE SUPPORT.

- REFERENCE DRAWINGS:**
- P & I D. 114102116-E
 - FIBS ISO. 113-1208-145-01/4
 - PIPING LAYOUT DWG. 114102116-05
 - CIVIL / STRUCTURAL. 114200840028
 - HAUNDER DET. DWG. 11-1008-145-1101 THRU 11004, 11011
 - F-SHEETS. F-2301, F-2302, F-2303, F-2304

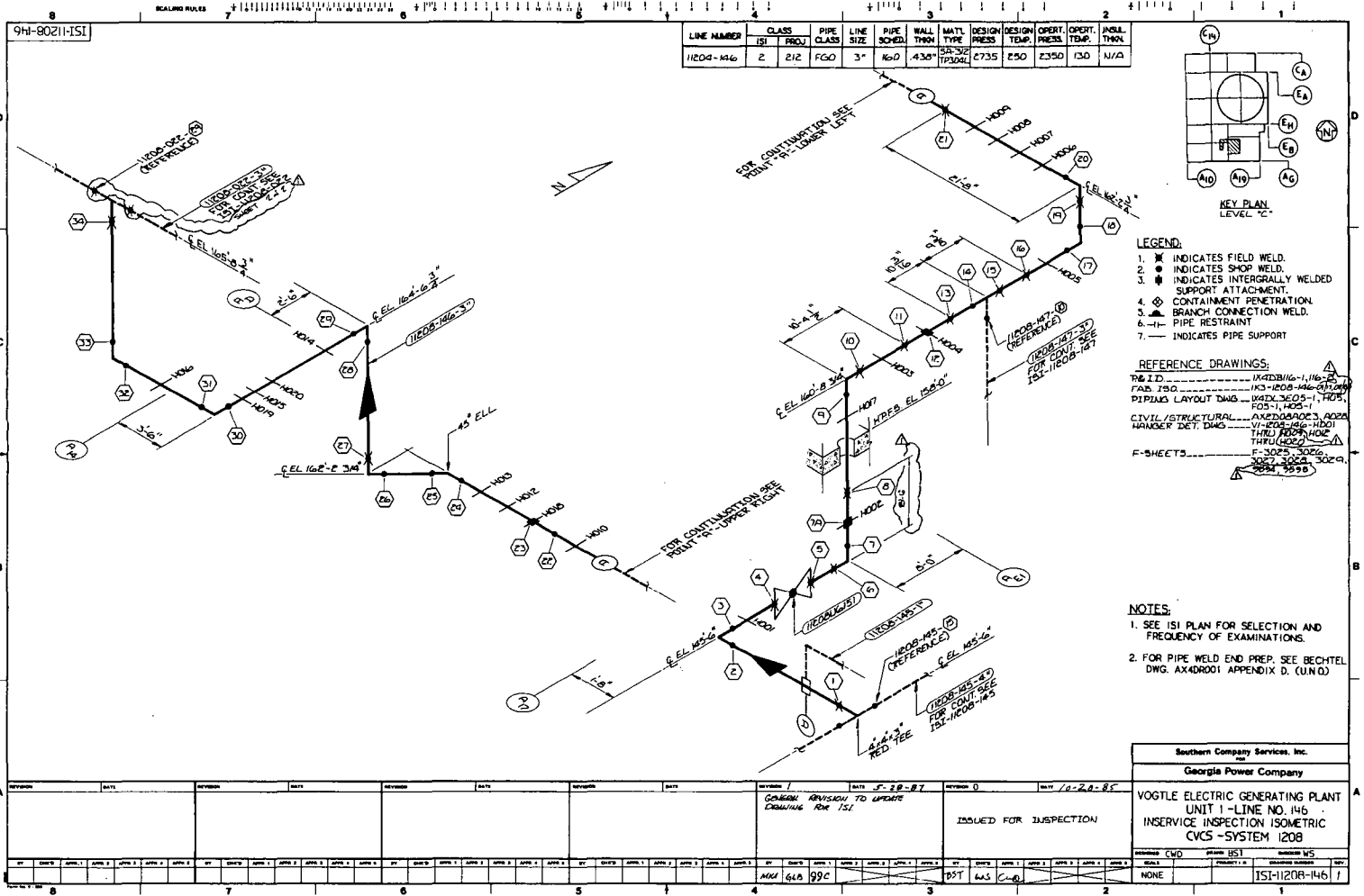
- NOTES:**
- SEE IS1 PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX40001 APPENDIX D. (UNCL)



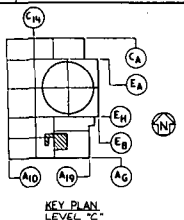
REVISION	DATE	DESCRIPTION
0	11-24-88	ISSUED FOR INSPECTION
1	11-24-88	ADDED WELDS JA & JB
2	12-21-1989	Checked against 15 Volume Change for 150, 100 and 10 ft
3	07-10-90	ADDED P1-0122 PER OCP MS-VIN0064
4	07-10-90	ADDED P1-0475 PER DCP 08-VIN0019

Southern Company Services, Inc.
 Georgia Power Company
 VOGTLE ELECTRIC GENERATING PLANT
 UNIT 1-LINE NO. 145
 INSERVICE INSPECTION ISOMETRIC
 CHEMICAL & VOLUME CONTROL
 SYSTEM 1208

CHD
 BST
 NONE
 15111208-145 4



LINE NUMBER	CLASS	PIPE	LINE	PIPE	WALL	MATL	DESIGN	DESIGN	OPER.	OPER.	INSUL.
ISI	PROJ.	CLASS	SIZE	SCHED.	THICK.	TYPE	PRESS.	TEMP.	PRESS.	TEMP.	THICK.
11204-146	2	212	FGO	3"	16.0	A335	2735	250	2350	130	N/A



- LEGEND:**
- INDICATES FIELD WELD.
 - INDICATES SHOP WELD.
 - INDICATES INTERGRALLY WELDED SUPPORT ATTACHMENT.
 - CONTAINMENT PENETRATION.
 - BRANCH CONNECTION WELD.
 - PIPE RESTRAINT.
 - INDICATES PIPE SUPPORT.

- REFERENCE DRAWINGS:**
- IS I.D. --- 1142DB/16-1, 116-2
 - FAB. I.D. --- 1163-1208-146-01, 02, 03
 - PIPING LAYOUT DIAG. --- 1142DB/3025-1, 3025-2, 3025-3, 3025-4, 3025-5, 3025-6, 3025-7, 3025-8, 3025-9, 3025-10, 3025-11, 3025-12, 3025-13, 3025-14, 3025-15, 3025-16, 3025-17, 3025-18, 3025-19, 3025-20, 3025-21, 3025-22, 3025-23, 3025-24, 3025-25, 3025-26, 3025-27, 3025-28, 3025-29, 3025-30, 3025-31, 3025-32, 3025-33, 3025-34, 3025-35, 3025-36, 3025-37, 3025-38, 3025-39, 3025-40, 3025-41, 3025-42, 3025-43, 3025-44, 3025-45, 3025-46, 3025-47, 3025-48, 3025-49, 3025-50, 3025-51, 3025-52, 3025-53, 3025-54, 3025-55, 3025-56, 3025-57, 3025-58, 3025-59, 3025-60, 3025-61, 3025-62, 3025-63, 3025-64, 3025-65, 3025-66, 3025-67, 3025-68, 3025-69, 3025-70, 3025-71, 3025-72, 3025-73, 3025-74, 3025-75, 3025-76, 3025-77, 3025-78, 3025-79, 3025-80, 3025-81, 3025-82, 3025-83, 3025-84, 3025-85, 3025-86, 3025-87, 3025-88, 3025-89, 3025-90, 3025-91, 3025-92, 3025-93, 3025-94, 3025-95, 3025-96, 3025-97, 3025-98, 3025-99, 3025-100
 - CIVIL/STRUCTURAL --- AX4208003, 3020
 - HANDY DET. DIAG. --- 1142DB/16-1, 116-2
 - F-SHEETS --- F-3025-3026, 3027, 3028, 3029, 3030, 3031, 3032, 3033, 3034, 3035, 3036, 3037, 3038, 3039, 3040, 3041, 3042, 3043, 3044, 3045, 3046, 3047, 3048, 3049, 3050, 3051, 3052, 3053, 3054, 3055, 3056, 3057, 3058, 3059, 3060, 3061, 3062, 3063, 3064, 3065, 3066, 3067, 3068, 3069, 3070, 3071, 3072, 3073, 3074, 3075, 3076, 3077, 3078, 3079, 3080, 3081, 3082, 3083, 3084, 3085, 3086, 3087, 3088, 3089, 3090, 3091, 3092, 3093, 3094, 3095, 3096, 3097, 3098, 3099, 3100

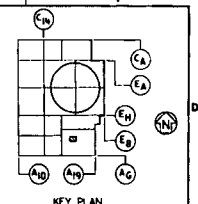
- NOTES:**
- SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX42001 APPENDIX D. (UND)

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 1 - LINE NO. 146	
INSERVICE INSPECTION ISOMETRIC	
CVCS - SYSTEM 1208	
DESIGNED BY	ISSUED FOR INSPECTION
CWD	BS1
DATE	11-28-85
SCALE	NONE
PROJECT NO.	1151-1208-146/1

REVISION	DATE	DESCRIPTION
1	5-28-87	GENERAL REVISION TO UPDATE DRAWING FOR ISI
2	11-28-85	ISSUED FOR INSPECTION

ZHI-80211-1S1

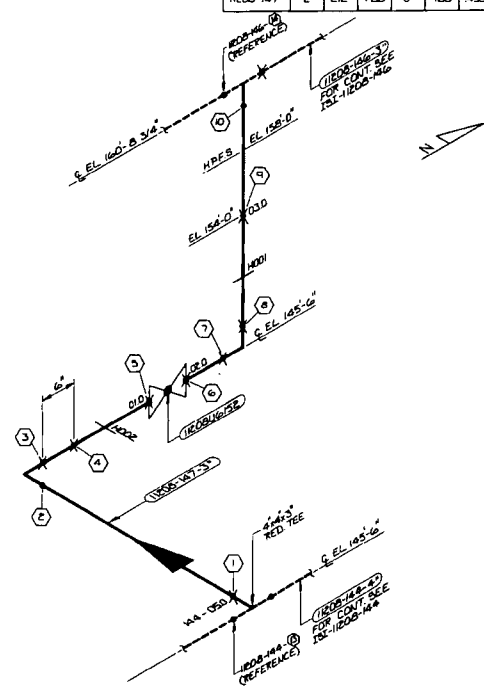
LINE NUMBER	CLASS	PIPE CLASS	PIPE SIZE	PIPE SCHED.	WALL THIN.	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THIN.
1208-147	C	Z12	3"	160	.435"	SA-302 TP304L	2735	250	2350	130	N/A



- LEGEND:**
- INDICATES FIELD WELD.
 - INDICATES SHOP WELD.
 - INDICATES INTERGRALLY WELDED SUPPORT ATTACHMENT.
 - CONTAINMENT PENETRATION.
 - BRANCH CONNECTION WELD.
 - PIPE RESTRAINT.
 - INDICATES PIPE SUPPORT.

- REFERENCE DRAWINGS:**
- P.B. ID. 1442816-C
 - FAB ISO. 143-1208-147-01
 - 143-1208-146-01
 - PIPELAYS LAYOUT 144DL3H03_H03-1
 - CIVIL/STRUCTURAL 1422068AC0
 - HAUSER DET. DWG. 141-1208-147-1001, 1002
 - F-SHEETS 142-2374, 3026, 3030, 3031
 - TSI CLASS DWG. 141-D-031

- NOTES:**
- SEE IS1 PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - FOR PIPE WELD END MWP. SEE BECHTEL DWG. AX40R001 APPENDIX D. (U.N.D.)



DATE	DESCRIPTION	DATE	DESCRIPTION	DATE	DESCRIPTION	DATE	DESCRIPTION	DATE	DESCRIPTION

Southern Company Services, Inc.
 Georgia Power Company
 VOGTLE ELECTRIC GENERATING PLANT
 UNIT 1 - LINE NO. 147
 INSERVICE INSPECTION ISOMETRIC
 CVCS - SYSTEM 1208

ISSUED FOR INSPECTION

DATE: 12-28-85

BY: DOT, RLS, CLM

CHKD: NONE

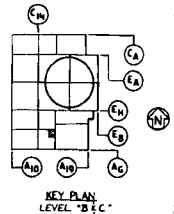
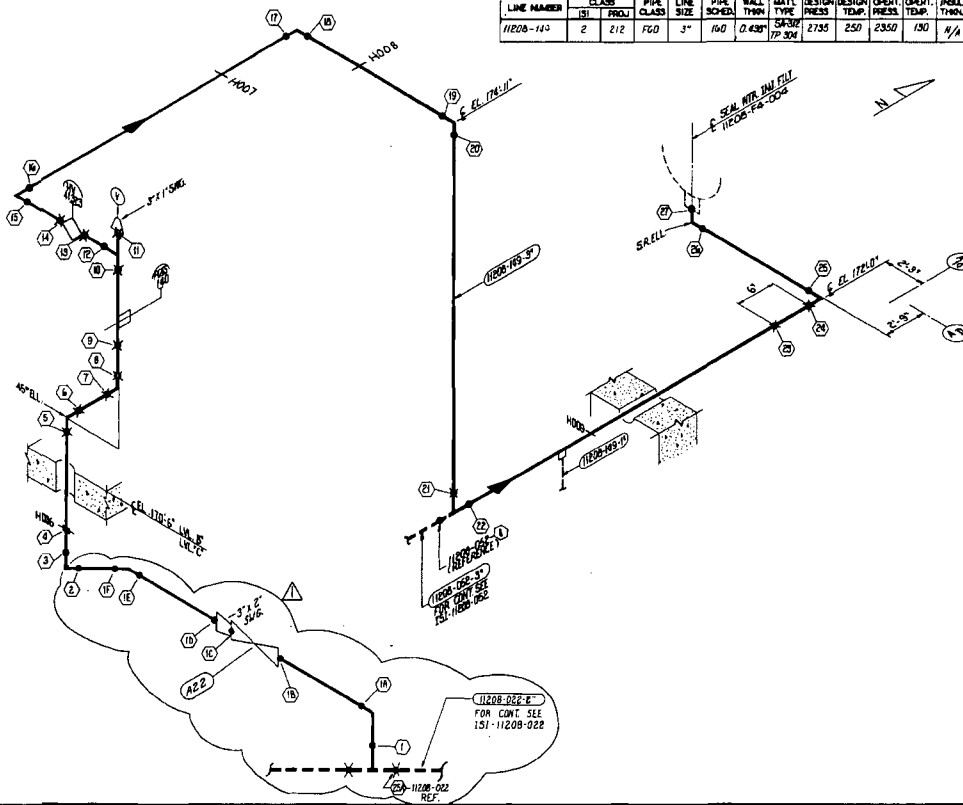
BST: TSI-1208-147

MS: 0

6H-02211-151

SCALE: 1" = 10'

LINE NUMBER	CLASS		PIPE CLASS	LINE SIZE	PIPE SCHED.	WALL THICK.	MATERIAL	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THICK.
	ISI	PROJ.										
11208-143	2	212	FGD	3"	160	0.438"	SA304	2735	250	2350	150	N/A



- LEGEND:**
- ⊠ INDICATES FIELD WELD.
 - INDICATES SHOP WELD.
 - ⊙ INDICATES INTERGRALLY WELDED SUPPORT ATTACHMENT.
 - ⊕ CONTAINMENT PENETRATION.
 - ⊗ BRANCH CONNECTION WELD.
 - |— PIPE RESTRAINT.

REFERENCE DRAWINGS:

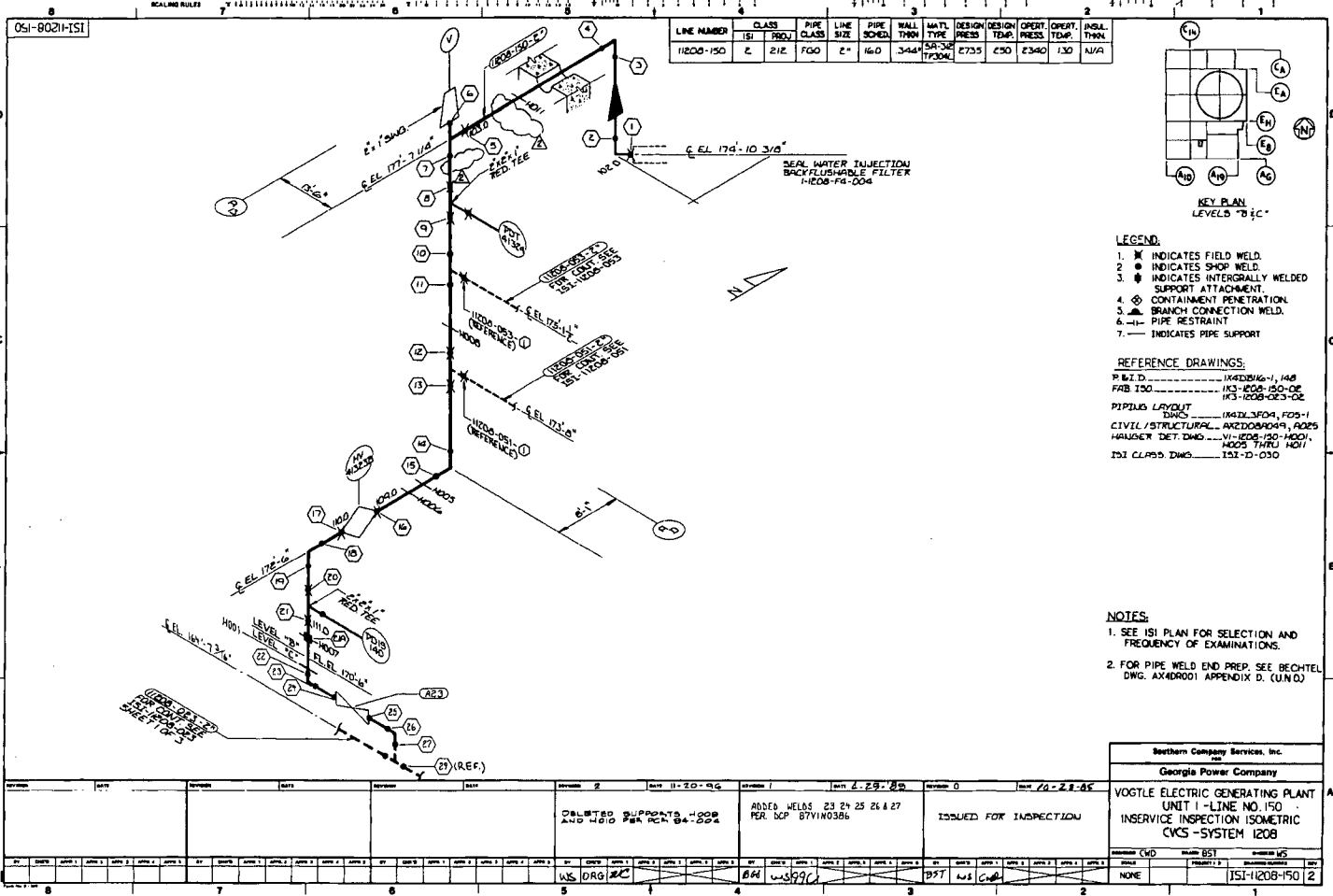
P.C.I.D.	11408/119-1
FAB. ISO.	11408/143
PIPE LAYOUT DWG.	1143-820-149-D
CIVIL STRUCTURAL	1144/LS/08
HANGER DET. DWG.	11422-145-1402
F. SHEET	1147-145-1402
ISI CLASS. DWG.	1151-11208-143

- NOTES:**
- SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX40001 APPENDIX D. (U.N.C)

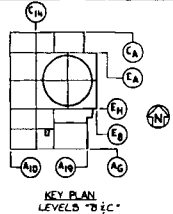
Southern Company Services, Inc.
 Georgia Power Company
VOGTLE ELECTRIC GENERATING PLANT UNIT - LINE NO. 149
INSERVICE INSPECTION ISOMETRIC CVCS - SYSTEM 1208

DATE	BY	REVISION
11-28-88	W.S. JRC	ISSUED FOR INSPECTION

NO.	DATE	BY	REVISION
1	11-28-88	W.S. JRC	ISSUED FOR INSPECTION



LINE NUMBER	CLASS	PIPE CLASS	LINE SIZE	PIPE SCHED	WALL THICK	MATL TYPE	DESIGN PRESS	DESIGN TEMP	OPER. PRESS	OPER. TEMP	INSUL. THICK.
11200-150	C	Z1Z	FGO	2"	16.0	304L	2735	C50	2340	130	N/A



- LEGEND:**
- INDICATES FIELD WELD.
 - INDICATES SHOP WELD.
 - INDICATES INTERGRALLY WELDED SUPPORT ATTACHMENT.
 - CONTAINMENT PENETRATION.
 - BRANCH CONNECTION WELD.
 - PIPE RESTRAINT.
 - INDICATES PIPE SUPPORT.

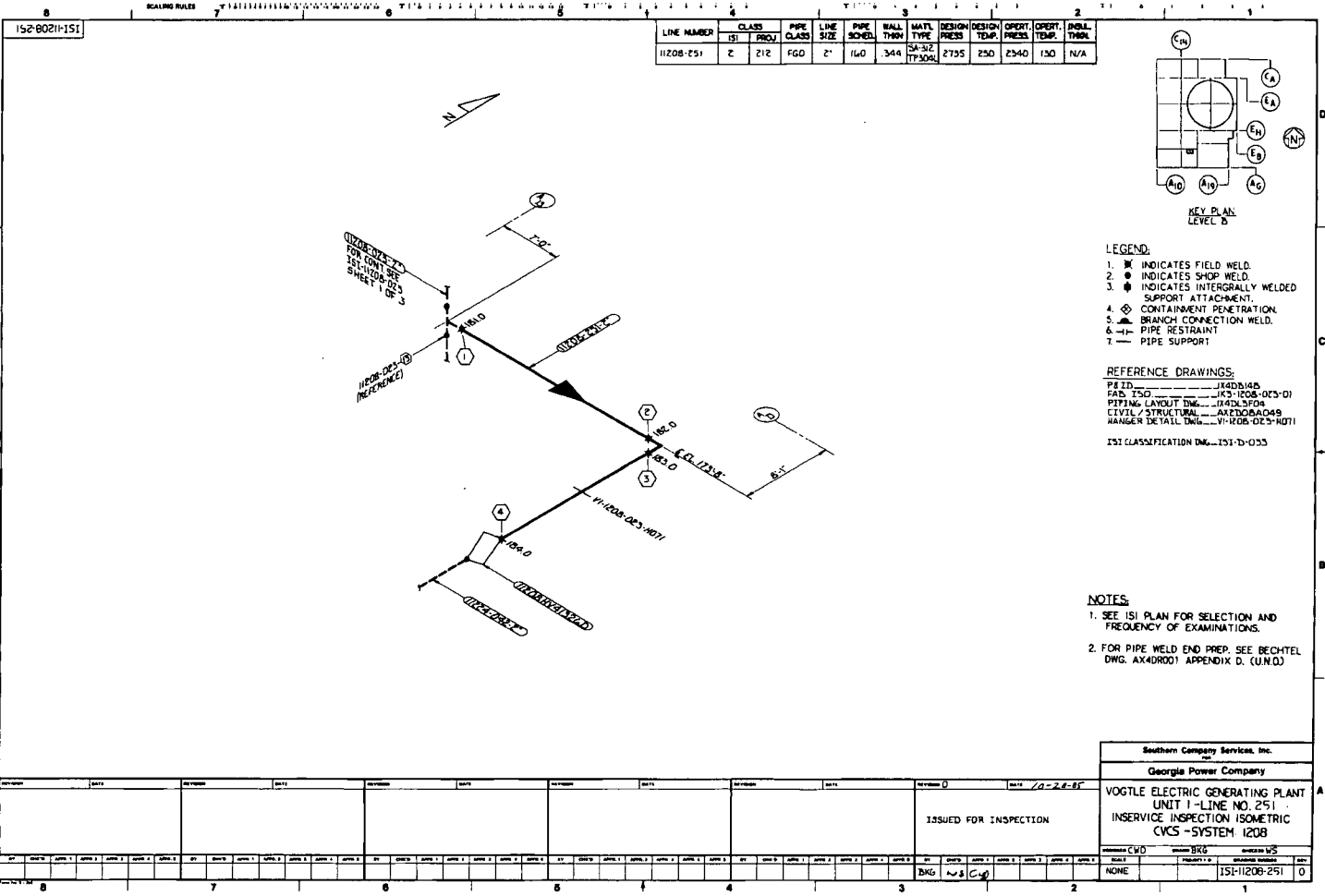
REFERENCE DRAWINGS:

P & I D. 14420B16-1, 148
 FAB 150 143-1208-150-02
 143-1208-023-02
 PIPING LAYOUT 14421-3F04, F05-1
 CIVIL/STRUCTURAL 14208A049, A025
 HAUGER DET. DWG. 141-1208-150-1001
 14025 TIRU 1401
 ISI CLASS DWG. 151-D-030

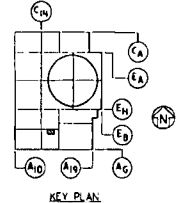
- NOTES:**
- SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX48001 APPENDIX D. (U.N.D.)

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT UNIT 1 - LINE NO. 150 INSERVICE INSPECTION ISOMETRIC CVCS - SYSTEM 1208	
DATE	ISSUED FOR INSPECTION
BY	WS DRG/RC
BY	BAH WSG/RC
BY	BSY WSG/RC
BY	WGS C/BA
DATE	151-1208-150 2

NO.	DATE	BY	CHKD	APPV	REVISION	DESCRIPTION
1	11-20-96	WS DRG/RC	BAH WSG/RC	BSY WSG/RC	1	ISSUED FOR INSPECTION
2	12-28-95				2	ADDED WELDS 23 24 25 26 & 27 PER DCP 87YIN0386
3					3	RECALCULATED SUPPORTS 14025 AND 1410 PER 88-024



LINE NUMBER	CLASS		PIPE CLASS	LINE SIZE	PIPE SCHED.	WALL THICK.	MATERIAL TYPE	DESIGN PRESS.	DESIGN TEMP.	OPERT. PRESS.	OPERT. TEMP.	PANEL THICK.
	ISI	PROJ.										
1120B-251	Z	212	FGD	2"	160	.344	SA-312 TP309L	2755	250	2340	150	N/A



- LEGEND:**
- ✱ INDICATES FIELD WELD.
 - INDICATES SHOP WELD.
 - ◆ INDICATES INTERGRALLY WELDED SUPPORT ATTACHMENT.
 - ⊕ CONTAINMENT PENETRATION.
 - ⊙ BRANCH CONNECTION WELD.
 - PIPE RESTRAINT
 - PIPE SUPPORT

REFERENCE DRAWINGS:

PE ID: 14405/145
 FGD ISO: K3-120B-025-D1
 PIPING LAYOUT DWG: R412.5/04
 CIVIL / STRUCTURAL: A42208A049
 HANGER DETAIL DWG: V-120B-025-R01
 ISI CLASSIFICATION DWG: 151-D-033

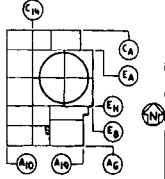
- NOTES:**
- SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX4DR001 APPENDIX D. (U.N.O.)

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT UNIT 1 - LINE NO. 251 INSERVICE INSPECTION ISOMETRIC CVCS - SYSTEM 120B	
ISSUED FOR INSPECTION	DATE: 10-24-87
DESIGNED BY: CWD	REVISIONS: NONE
DRAWN BY: CWD	DATE: 10-24-87
CHECKED BY: CWD	DATE: 10-24-87
APPROVED BY: CWD	DATE: 10-24-87

NO.	DATE	DESCRIPTION	BY	CHKD.	APP'D.
1	10-24-87	ISSUED FOR INSPECTION	CWD		

SCALE: 1" = 10'

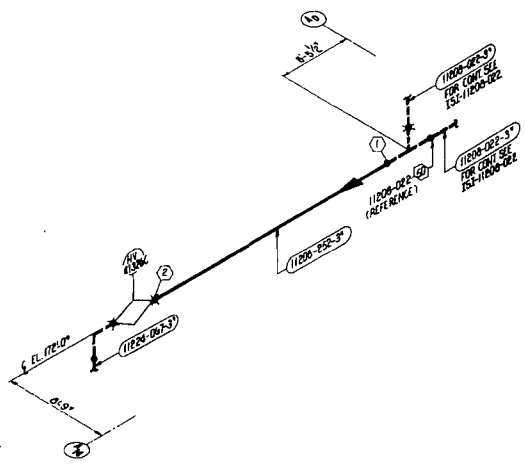
LINE NUMBER	CLASS	PIPE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THICK.		
11208-252	2	212	100	3"	160	0.630	77.304	2735	250	2340	180	1/4"



- LEGEND:**
- 1. ✕ INDICATES FIELD WELD.
 - 2. ○ INDICATES SHOP WELD.
 - 3. ● INDICATES INTERGRALLY WELDED SUPPORT ATTACHMENT.
 - 4. ⊕ CONTAINMENT PENETRATION.
 - 5. ─┬─ BRANCH CONNECTION WELD.
 - 6. ─|─ PIPE RESTRAINT.

- REFERENCE DRAWINGS:**
- PE.I.D. ----- 114408110
 - FAB.ISO ----- 113-1208-02-03
 - PELING.LAYOUT.DWG. ----- 1144081704
 - LEVEL/STRUCTURAL ----- A22008A07
 - ISI CLASS.DWG. ----- 151-D-043

- NOTES:**
- 1. SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - 2. FOR PIPE WELD END PREP. SEE BECHTER DNG. AX48001 APPENDIX D. (U.N.O.)



Southern Company Services, Inc.
Georgia Power Company

VOGTLE ELECTRIC GENERATING PLANT
 UNIT 1 - LINE NO. 252
 INSERVICE INSPECTION ISOMETRIC
 CVCS - SYSTEM 1208

ISSUED FOR INSPECTION

DATE: 10-22-85

DRAWN: C-2

CHECKED: C-2

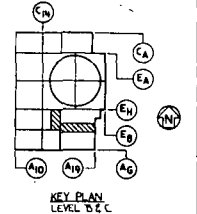
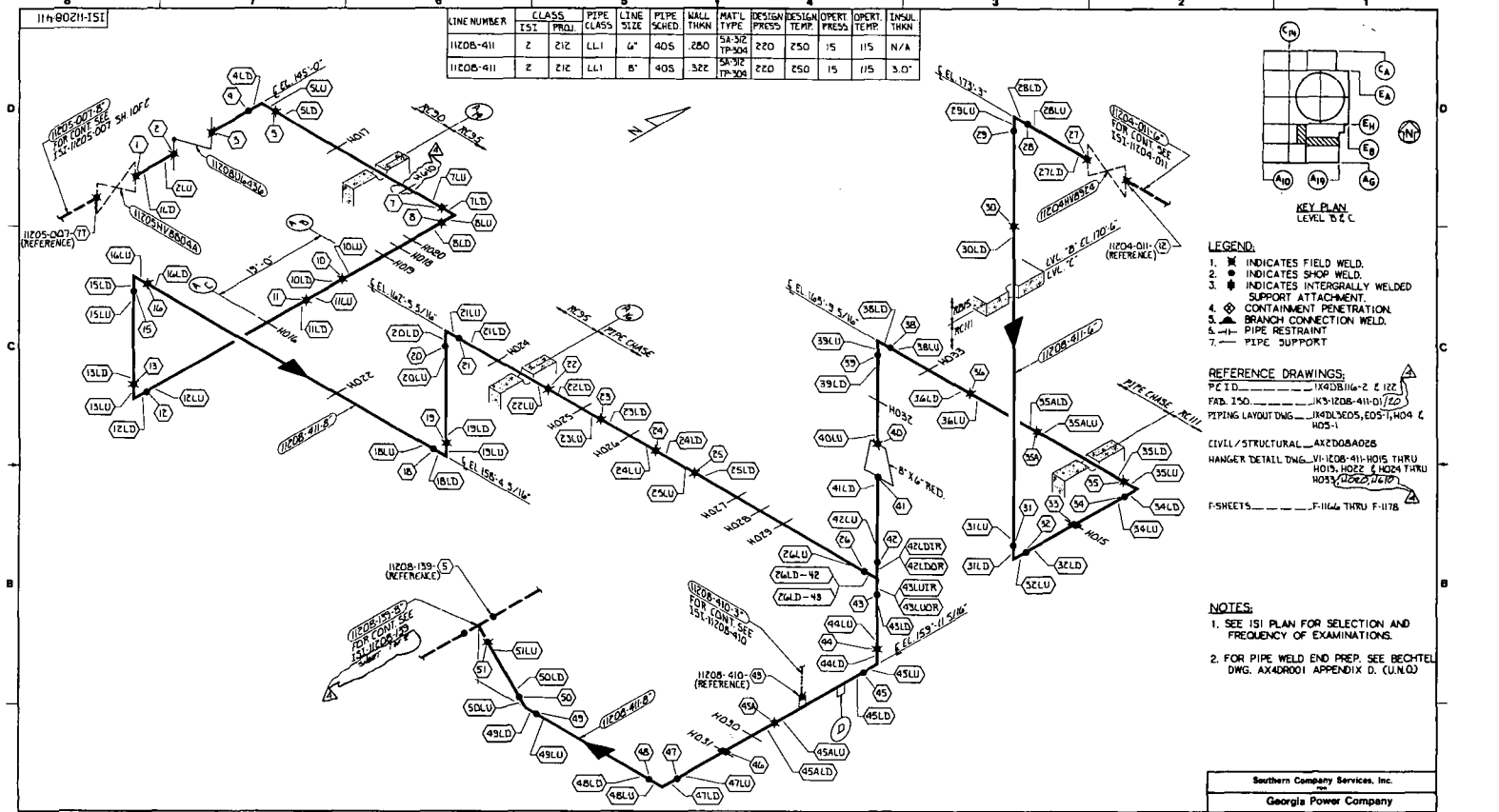
SCALE: 1" = 10'

PROJECT: 151-1208-252

NO.	DATE	BY	CHKD.	APP'D.	REVISION
1					
2					
3					
4					
5					
6					
7					
8					

SCALING RULES

LINE NUMBER	CLASS	PIPE CLASS	PIPE SIZE	PIPE SCHED	WALL THKN	MAT'L TYPE	DESIGN PRESS	DESIGN TEMP	OPERT PRESS	OPERT TEMP	INSUL THKN	
1120B-411	Z	Z1C	LL1	4"	40S	.250	SA312 TP304	220	250	15	115	N/A
1120B-411	Z	Z1C	LL1	8"	40S	.322	SA312 TP304	220	250	15	115	3.0"



- LEGEND:**
- 1. ✖ INDICATES FIELD WELD.
 - 2. ● INDICATES SHOP WELD.
 - 3. ◆ INDICATES INTERGRIFF WELDED SUPPORT ATTACHMENT.
 - 4. ⊕ CONTAINMENT PENETRATION.
 - 5. ⊕ BRANCH CONNECTION WELD.
 - 6. —|— PIPE RESTRAINT.
 - 7. —|— PIPE SUPPORT.

- REFERENCE DRAWINGS:**
- PZTD ----- 1120B116-2 & 122
 - FAB. ISO. ----- 1120B-411-D/122
 - PIPING LAYOUT DWG. ----- 1120B305, E051, H04 C, H05-1
 - CIVIL/STRUCTURAL ----- AX2D08A026
 - HANGER DETAIL DWG. VI-120B-411-H05 THRU H01D, H02E & H024 THRU H033, H025, H010
 - F-SHEETS ----- F-1164 THRU F-1178

- NOTES:**
- 1. SEE IS1 PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - 2. FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX4D001 APPENDIX D. (U.N.Q)

REVISION	DATE	REVISION	DATE	REVISION	DATE	REVISION	DATE	REVISION	DATE
REVISION 4	DATE 5-28-87	REVISION 3	DATE 10-6-86						
GENERAL DESIGN TO UPDATE DRAWING FOR IS1.		REDRAWN AND ADDED LONG SEAM WELD NUMBERS ADDED HNGR H020							

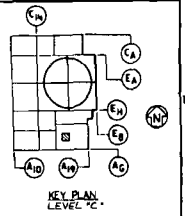
Southern Company Services, Inc.
a part of
Georgia Power Company

**VOGTLE ELECTRIC GENERATING PLANT
UNIT 1 - LINE NO. 411
INSERVICE INSPECTION ISOMETRIC
CVCS - SYSTEM 120B**

DESIGNED BY: [] DRAWN BY: [] CHECKED BY: []
DATE: [] PROJECT NO.: [] SHEET NO.: []

46h-9021-151

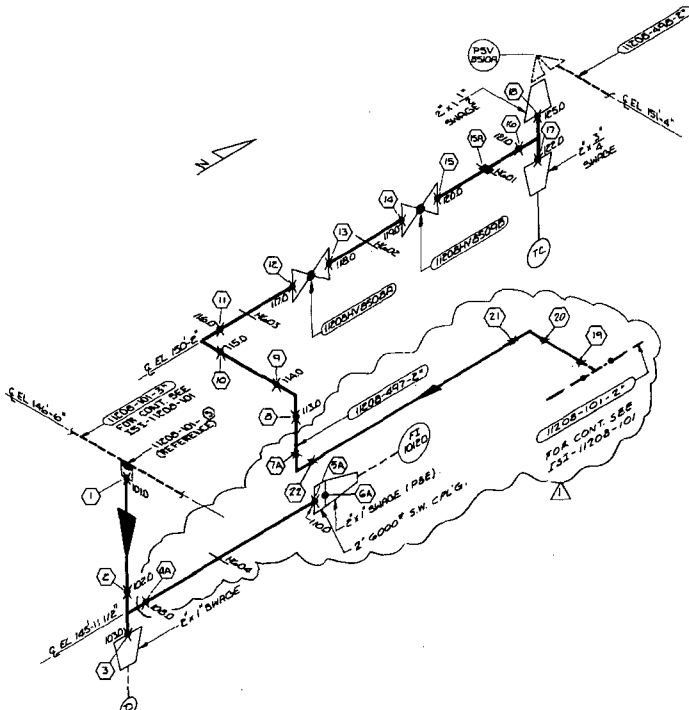
LINE NUMBER	CLASS	PIPE CLASS	LINE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THICK.	
11208-497	Z	ZIC	FGO	2"	160	304	1500	2735	250	2350	130	N/A



- LEGEND:**
- INDICATES FIELD WELD.
 - INDICATES SHOP WELD.
 - INDICATES INTERGRALLY WELDED SUPPORT ATTACHMENT.
 - CONTAINMENT PENETRATION.
 - BRANCH CONNECTION WELD.
 - PIPE RESTRAINT.
 - INDICATES PIPE SUPPORT.

- REFERENCE DRAWINGS:**
- P & I D. AX40000-E
 - FRS. ISO. 113-1208-497-01
 - PIPING LAYOUT 113-1208-497-01
 - CIVIL / STRUCTURAL AX20000-003, 004, 005
 - HANDLER DET. DWG. V-1208-497-M001 THRU M004

- NOTES:**
- SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX40000 APPENDIX D. (U/N/D)



NO.	DATE	BY	CHKD.	APP'D.	REVISION	DATE	DESCRIPTION
1	11-20-96						REVISED PIPING PER PCA NO. 94-007
2	12-28-85						ISSUED FOR INSPECTION

Southern Company Services, Inc.
Georgia Power Company

VOGTLE ELECTRIC GENERATING PLANT
UNIT 1 - LINE NO. 497
INSERVICE INSPECTION ISOMETRIC
CYCS - SYSTEM 1208

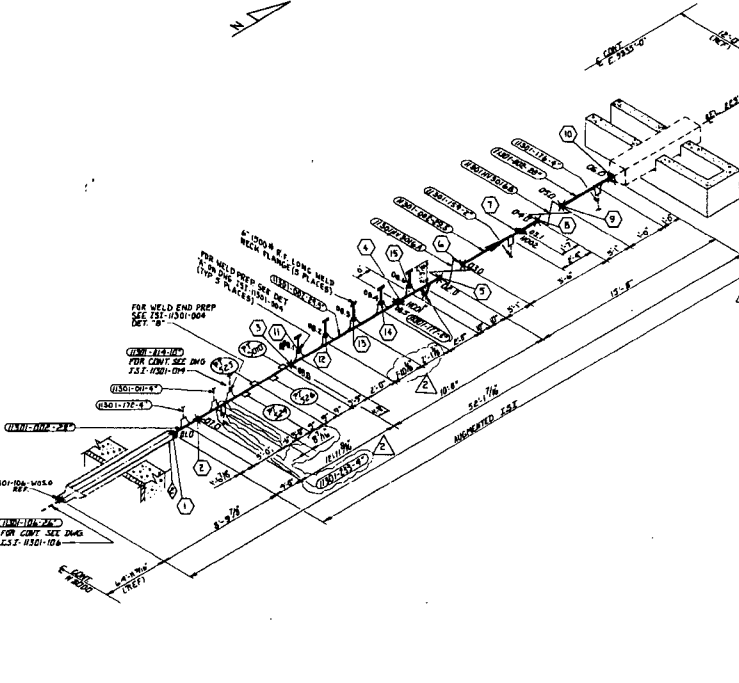
DATE: 11-20-96
DRAWN: WBS
CHECKED: JAC
DESIGNED: DRG
BY: BBT
APP'D: A-3
CHKD: C-46

SCALE: NONE
PROJECT NO: 113-1208-497-01

8 7 6 5 4 3 2 1

LINE NUMBER	CLASS	PIPE CLASS	PIPE SIZE	PIPE SCHED	WALL THK	MATL TYPE	DESIGN PRESS	DESIGN TEMP	OPER PRESS	OPER TEMP	INSUL THK
11301-002	2	21E	24"	SPECIAL	1.500	SA-105	1185	600	985	345	3.0
11301-002	2	21E	24"	SPECIAL	1.500	SA-105	1185	600	985	345	3.0
11301-002	2	21E	24"	SPECIAL	1.500	SA-105	1185	600	985	345	3.0

EQUIPMENT OR WELD IDENTIFICATION NO.	WELD OR EQUIP. DESCRIP.	PART EXAMINER MOD	EXAM. METHOD FIG.	EXAMINATION METHOD AND ITEM NO.					
				VOL.	SURF.	VT1	VT2	VT3	VT4
11301-002-A
11301-002-B
11301-002-001
11301-002-002
11301-002-003
11301-002-004
11301-002-005
11301-002-006
11301-002-007
11301-002-008
11301-002-009
11301-002-010
11301-002-011
11301-002-012
11301-002-013
11301-002-014
11301-002-015
11301-002-016
11301-002-017
11301-002-018
11301-002-019
11301-002-020



- LEGEND**
- 1 W INDICATES FIELD WELD
 - 2 W INDICATES SHOP WELD
 - 3 W INDICATES INTEGRALLY WELDED SUPPORT ATTACHMENT
 - 4 W CONTAINMENT PENETRATION
 - 5 W BRANCH CONNECTION WELD

- REFERENCE DRAWINGS**
- 2 & 10.....11301-002-01
 - FAB 150.....11301-002-01
 - SH LIP 2.....11301-002-01
 - PIPING LAYOUT DWG.....11301-002-01
 - CIVIL/STRUCTURAL.....11301-002-01
 - HANGER DETAIL DWG.....11301-002-01
 - F SHEETS.....11301-002-01
 - CONTAINMENT PENETRATION DWG.....11301-002-01
 - ISI PIPING CLASSIFICATION DWG.....11301-002-01
 - ISI CALIBRATION BLOCK.....11301-002-01
 - ISI CALIBRATION BLOCK.....11301-002-01
 - ISI CALIBRATION BLOCK.....11301-002-01

- NOTES**
- 1 SEE ISI PLAN FOR SELECTIONS AND FREQUENCY OF EXAMINATIONS
 - 2 FOR HEADER DETAIL SEE LADISH CO. DWG. NO. E-24985 (BESTEL LOG NO. A44401-220-1)
 - 3 MATERIAL SA 27M NPK. MFG'D FROM 52-406 GR. C.
 - 4 THE LOCATION OF THE 6" LINES ARE THE LONG TANGENT WELD NECK FLANGES AT
 - 5 LOCATIONS WELDED TO THE 24" HEADER

Southern Company Services, Inc.
Georgia Power Company

ISSUED FOR INSPECTION

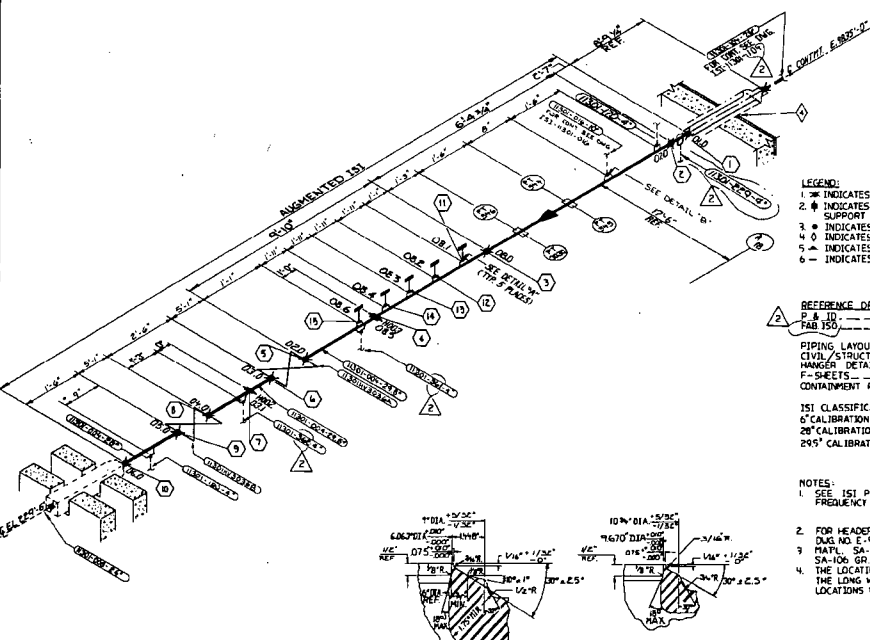
VOGTE ELECTRIC GENERATING PLANT
UNIT 1-LINE NO. 002
INSERVICE INSPECTION ISOMETRIC
MAIN STEAM-SYSTEM 1501

REV.	DATE	DESCRIPTION	BY	CHECKED
2	11/15/85	ADDED NEW WELD NO'S REVISED REFERENCES ADDED LINE 11301-215-W REVISED DIMENSIONS	WJL	WJA
1	11/12/85	REVISED REFERENCE DRAWINGS REMOVED FLASH FROM ISI CLASS REVISED ITEM NUMBERS	WJL	WJA
0	11/12/85	ISSUED FOR INSPECTION	WJL	WJA

DATE	BY	CHECKED	DATE	BY	CHECKED	DATE	BY	CHECKED	DATE	BY	CHECKED
11/15/85	WJL	WJA	11/12/85	WJL	WJA	11/12/85	WJL	WJA	11/12/85	WJL	WJA

EQUIPMENT OR WELD IDENTIFICATION NO.	WELD OR EQUIP. DESCRIP.	PART EXAMINED (NO. 1)	EXAM. METHOD FIG.	EXAMINATION METHOD AND ITEM NO.			
				SURE	VT1	VT2	VT3	VT4
1301W305a	1301W305a						
1301W305b	1301W305b						
1301W305c	1301W305c						
1301W305d	1301W305d						
1301W305e	1301W305e						
1301W305f	1301W305f						
1301W305g	1301W305g						
1301W305h	1301W305h						
1301W305i	1301W305i						
1301W305j	1301W305j						
1301W305k	1301W305k						
1301W305l	1301W305l						
1301W305m	1301W305m						
1301W305n	1301W305n						
1301W305o	1301W305o						
1301W305p	1301W305p						
1301W305q	1301W305q						
1301W305r	1301W305r						
1301W305s	1301W305s						
1301W305t	1301W305t						
1301W305u	1301W305u						
1301W305v	1301W305v						
1301W305w	1301W305w						
1301W305x	1301W305x						
1301W305y	1301W305y						
1301W305z	1301W305z						

LINE NUMBER	CLASS	PIPE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSTR. THICK.
11301-004	Z1E	28"	SPCL	1.185	SEE NOTE 3	1185	600	165	546	3.0
11301-004	Z1E	28"	SPCL	1.185	SEE NOTE 3	1185	600	165	546	3.0
11301-004	Z1E	28"	SPCL	1.185	SEE NOTE 3	1185	600	165	546	3.0
11301-004	Z1E	28"	SPCL	1.185	SEE NOTE 3	1185	600	165	546	3.0
11301-004	Z1E	28"	SPCL	1.185	SEE NOTE 3	1185	600	165	546	3.0
11301-004	Z1E	28"	SPCL	1.185	SEE NOTE 3	1185	600	165	546	3.0
11301-004	Z1E	28"	SPCL	1.185	SEE NOTE 3	1185	600	165	546	3.0
11301-004	Z1E	28"	SPCL	1.185	SEE NOTE 3	1185	600	165	546	3.0
11301-004	Z1E	28"	SPCL	1.185	SEE NOTE 3	1185	600	165	546	3.0
11301-004	Z1E	28"	SPCL	1.185	SEE NOTE 3	1185	600	165	546	3.0



- LEGEND:**
- 1 * INDICATES FIELD WELD.
 - 2 * INDICATES INTEGRALLY WELDED SUPPORT ATTACHMENT.
 - 3 * INDICATES SHOP WELD.
 - 4 * INDICATES CONTAINMENT PENETRATION.
 - 5 * INDICATES BRANCH CONNECTION WELD.
 - 6 * INDICATES PIPE SUPPORT.

- REFERENCE DRAWINGS:**
- 1 - 11301-004-1 (11301-004-1)
 - 2 - 11301-004-2 (11301-004-2)
 - 3 - 11301-004-3 (11301-004-3)
 - 4 - 11301-004-4 (11301-004-4)
 - 5 - 11301-004-5 (11301-004-5)
 - 6 - 11301-004-6 (11301-004-6)
 - 7 - 11301-004-7 (11301-004-7)
 - 8 - 11301-004-8 (11301-004-8)
 - 9 - 11301-004-9 (11301-004-9)
 - 10 - 11301-004-10 (11301-004-10)
 - 11 - 11301-004-11 (11301-004-11)
 - 12 - 11301-004-12 (11301-004-12)
 - 13 - 11301-004-13 (11301-004-13)
 - 14 - 11301-004-14 (11301-004-14)
 - 15 - 11301-004-15 (11301-004-15)
 - 16 - 11301-004-16 (11301-004-16)
 - 17 - 11301-004-17 (11301-004-17)
 - 18 - 11301-004-18 (11301-004-18)
 - 19 - 11301-004-19 (11301-004-19)
 - 20 - 11301-004-20 (11301-004-20)
 - 21 - 11301-004-21 (11301-004-21)
 - 22 - 11301-004-22 (11301-004-22)
 - 23 - 11301-004-23 (11301-004-23)
 - 24 - 11301-004-24 (11301-004-24)
 - 25 - 11301-004-25 (11301-004-25)
 - 26 - 11301-004-26 (11301-004-26)
 - 27 - 11301-004-27 (11301-004-27)
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 - 29 - 11301-004-29 (11301-004-29)
 - 30 - 11301-004-30 (11301-004-30)
 - 31 - 11301-004-31 (11301-004-31)
 - 32 - 11301-004-32 (11301-004-32)
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 - 97 - 11301-004-97 (11301-004-97)
 - 98 - 11301-004-98 (11301-004-98)
 - 99 - 11301-004-99 (11301-004-99)
 - 100 - 11301-004-100 (11301-004-100)

- NOTES:**
1. SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATION.
 2. FOR HEADER DETAIL SEE LADISH CO. Dwg. NO. E-9488.
 3. MATL. SA-234 WPC FIG. D FROM SA-106 GR. C.
 4. THE LOCATION OF THE 6" LINES ARE THE LONG WELD NECK FLANGES AT 5 LOCATIONS WELDED TO THE 28" HEADER.

DETAIL "A" (TYP. FOR 5)
END PREP FOR 6" I.D. 9" O.D. OUTLET

DETAIL "B"
END PREP FOR 10" SCHED. 80 OUTLET

Southern Company Services, Inc.
Georgia Power Company

VOGTLE ELECTRIC GENERATING PLANT
UNIT 1-LINE NO. 004
INSERVICE INSPECTION ISOMETRIC
MAIN STEAM-SYSTEM 1301

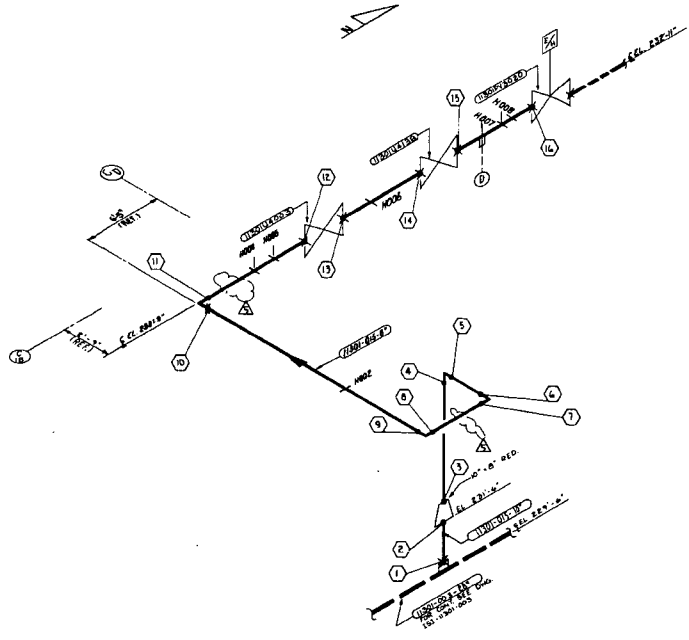
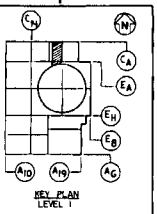
ISSUED FOR INSPECTION

DATE: 11-13-01
DRAWN: [Signature]
CHECKED: [Signature]
APPROVED: [Signature]

REVISION	DATE	DESCRIPTION
1	11-13-01	ISSUED FOR INSPECTION
2	11-13-01	ADDED NEW WELD NUMBERS, CORRECTED LINE NUMBER, REVISED REFERENCES, ADDED 1301-004-4"
3	11-13-01	ADDED CALIBRATION BLOCKS TO REFERENCES, REMOVED RUGH FROM ISI CLASS, REVISED ITEM NUMBERS.

EQUIPMENT OR WELD IDENTIFICATION NO.	WELD OR EQUIP. DESCRIP.	PART EXAMINER'S NO. ID	EXAM. REQUIREMENT FIG.	EXAMINATION METHOD AND ITEM NO.					
				VOL.	SURF.	VT1	VT2	VT3	VT4
30414001	GATE VALVE					VT40			
30414100	VALVE					VT40			
30414300	VALVE					VT40			
11301-015-001	WELD								
11301-015-002	WELD								
11301-015-003	WELD								
11301-015-004	WELD								
11301-015-005	WELD								
11301-015-006	WELD								
11301-015-007	WELD								
11301-015-008	WELD								
11301-015-009	WELD								
11301-015-010	WELD								
11301-015-011	WELD								
11301-015-012	WELD								
11301-015-013	WELD								
11301-015-014	WELD								
11301-015-015	WELD								
11301-015-016	WELD								
11301-015-017	WELD								
11301-015-018	WELD								
11301-015-019	WELD								
11301-015-020	WELD								
11301-015-021	WELD								
11301-015-022	WELD								
11301-015-023	WELD								
11301-015-024	WELD								
11301-015-025	WELD								
11301-015-026	WELD								
11301-015-027	WELD								
11301-015-028	WELD								
11301-015-029	WELD								
11301-015-030	WELD								

LINE NUMBER	CLASS	PIPE CLASS	PIPE SIZE	PIPE SCHED.	WALL THK.	MAT'L TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THK.
11301-015	2	212	6K3 8"	80	.500	SA-106 GR. B	1185	600	985	545	2.5
11301-015	2	212	6K3 10"	80	.574	SA-106 GR. B	1185	600	985	545	4.0



- LEGEND:
- 1. * INDICATES FIELD WELD.
 - 2. # INDICATES INTEGRALLY WELDED SUPPORT ATTACHMENT.
 - 3. # INDICATES SHWP WELD.
 - 4. # INDICATES PIPE RESTRAINT.
 - 5. # INDICATES PIPE SUPPORT.

- REFERENCE DRAWINGS:
- P & ID ----- 11NDP99-2
 - FAB. ISO ----- K2-1901-015-01/13
 - PIPING LAYOUT DWG. ----- 11NDP99-2
 - CIVIL/STRUCTURAL ----- AX2014021
 - HANGER DETAIL DWGS. ----- V1-1901-015-HOOD, HOD4, HOD5, HOD6, HOD7, HOD8, AND HOD10
 - F-SHEETS ----- F-1177A, F-1177, F-1176D

- NOTES:
- 1. SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - 2. FOR PIPE WELD END PREP SEE BECHTEL DWG. AX40001 APPENDIX D (LONG).

revision 5	date 6/22/91	revision 4	date 5-28-87	revision 3	date 11-11-85	revision 2	date 4-1-85	revision 1	date 2-7-84	revision 0	date 2-13-84
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DELETED HANGERS HOD1 AND HOD2 PER PCR 97-904.	GENERAL REVISION TO UPDATE DRAWING FOR ISI	ADDED HANGER HOD9 AND HOD10 REMOVED HANGER HOD5 AND HOD6	ADDED NEW WELD NOS. REVISED NOTES ADDED DRAIN	REVISED LEGEND AND REFERENCES REMOVED ALIGN FROM ISI CLASS. REVISED EXAM REQUIREMENT AND ITEM NUMBERS	ISSUED FOR INSPECTION						
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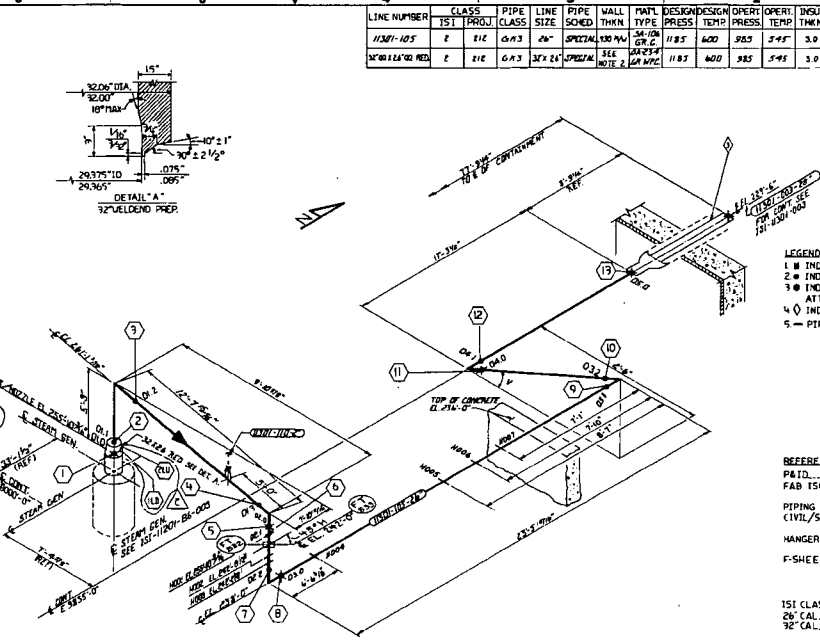
Southern Company Services, Inc.
Georgia Power Company

VOGTLE ELECTRIC GENERATING PLANT
UNIT 1-LINE NO. 015
INSERVICE INSPECTION ISOMETRIC
MAIN STEAM-SYSTEM 101

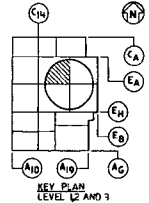
PROJECT: 11301-015-015
SHEET: 5

DATE	BY	CHECKED	APPROVED	DATE	BY	CHECKED	APPROVED	DATE	BY	CHECKED	APPROVED	DATE	BY	CHECKED	APPROVED	DATE	BY	CHECKED	APPROVED	DATE	BY	CHECKED	APPROVED
6/22/91	WJ	WJ	WJ	5/28/87	WJ	WJ	WJ	11/11/85	WJ	WJ	WJ	4/1/85	WJ	WJ	WJ	2/7/84	WJ	WJ	WJ	2/13/84	WJ	WJ	WJ

EQUIPMENT OR WELD IDENTIFICATION NO.	WELD OR EQUIP. DESCRIP.	PART EXAMINER'S NO.	EXAM. REQUIRE. FIG.	EXAMINATION METHOD AND ITEM NO.			
				VOL.	SURF.	VT1	VT2	VT3	VT4
11301-105-000	CONCRETE SUPPORT	2407-100-1					
11301-105-001	CONCRETE SUPPORT	2407-100-1					
11301-105-002	CONCRETE SUPPORT	2407-100-1					
11301-105-003	CONCRETE SUPPORT	2407-100-1					
11301-105-004	CONCRETE SUPPORT	2407-100-1					
11301-105-005	CONCRETE SUPPORT	2407-100-1					
11301-105-006	CONCRETE SUPPORT	2407-100-1					
11301-105-007	CONCRETE SUPPORT	2407-100-1					
11301-105-008	CONCRETE SUPPORT	2407-100-1					
11301-105-009	CONCRETE SUPPORT	2407-100-1					
11301-105-010	CONCRETE SUPPORT	2407-100-1					
11301-105-011	CONCRETE SUPPORT	2407-100-1					
11301-105-012	CONCRETE SUPPORT	2407-100-1					
11301-105-013	CONCRETE SUPPORT	2407-100-1					
11301-105-014	CONCRETE SUPPORT	2407-100-1					
11301-105-015	CONCRETE SUPPORT	2407-100-1					
11301-105-016	CONCRETE SUPPORT	2407-100-1					
11301-105-017	CONCRETE SUPPORT	2407-100-1					
11301-105-018	CONCRETE SUPPORT	2407-100-1					
11301-105-019	CONCRETE SUPPORT	2407-100-1					
11301-105-020	CONCRETE SUPPORT	2407-100-1					
11301-105-021	CONCRETE SUPPORT	2407-100-1					
11301-105-022	CONCRETE SUPPORT	2407-100-1					
11301-105-023	CONCRETE SUPPORT	2407-100-1					
11301-105-024	CONCRETE SUPPORT	2407-100-1					
11301-105-025	CONCRETE SUPPORT	2407-100-1					
11301-105-026	CONCRETE SUPPORT	2407-100-1					
11301-105-027	CONCRETE SUPPORT	2407-100-1					
11301-105-028	CONCRETE SUPPORT	2407-100-1					
11301-105-029	CONCRETE SUPPORT	2407-100-1					
11301-105-030	CONCRETE SUPPORT	2407-100-1					
11301-105-031	CONCRETE SUPPORT	2407-100-1					
11301-105-032	CONCRETE SUPPORT	2407-100-1					
11301-105-033	CONCRETE SUPPORT	2407-100-1					
11301-105-034	CONCRETE SUPPORT	2407-100-1					
11301-105-035	CONCRETE SUPPORT	2407-100-1					
11301-105-036	CONCRETE SUPPORT	2407-100-1					
11301-105-037	CONCRETE SUPPORT	2407-100-1					
11301-105-038	CONCRETE SUPPORT	2407-100-1					
11301-105-039	CONCRETE SUPPORT	2407-100-1					
11301-105-040	CONCRETE SUPPORT	2407-100-1					
11301-105-041	CONCRETE SUPPORT	2407-100-1					
11301-105-042	CONCRETE SUPPORT	2407-100-1					
11301-105-043	CONCRETE SUPPORT	2407-100-1					
11301-105-044	CONCRETE SUPPORT	2407-100-1					
11301-105-045	CONCRETE SUPPORT	2407-100-1					
11301-105-046	CONCRETE SUPPORT	2407-100-1					
11301-105-047	CONCRETE SUPPORT	2407-100-1					
11301-105-048	CONCRETE SUPPORT	2407-100-1					
11301-105-049	CONCRETE SUPPORT	2407-100-1					
11301-105-050	CONCRETE SUPPORT	2407-100-1					
11301-105-051	CONCRETE SUPPORT	2407-100-1					
11301-105-052	CONCRETE SUPPORT	2407-100-1					
11301-105-053	CONCRETE SUPPORT	2407-100-1					
11301-105-054	CONCRETE SUPPORT	2407-100-1					
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11301-105-057	CONCRETE SUPPORT	2407-100-1					
11301-105-058	CONCRETE SUPPORT	2407-100-1					
11301-105-059	CONCRETE SUPPORT	2407-100-1					
11301-105-060	CONCRETE SUPPORT	2407-100-1					
11301-105-061	CONCRETE SUPPORT	2407-100-1					
11301-105-062	CONCRETE SUPPORT	2407-100-1					
11301-105-063	CONCRETE SUPPORT	2407-100-1					
11301-105-064	CONCRETE SUPPORT	2407-100-1					
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11301-105-068	CONCRETE SUPPORT	2407-100-1					
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11301-105-070	CONCRETE SUPPORT	2407-100-1					
11301-105-071	CONCRETE SUPPORT	2407-100-1					
11301-105-072	CONCRETE SUPPORT	2407-100-1					
11301-105-073	CONCRETE SUPPORT	2407-100-1					
11301-105-074	CONCRETE SUPPORT	2407-100-1					
11301-105-075	CONCRETE SUPPORT	2407-100-1					
11301-105-076	CONCRETE SUPPORT	2407-100-1					
11301-105-077	CONCRETE SUPPORT	2407-100-1					
11301-105-078	CONCRETE SUPPORT	2407-100-1					
11301-105-079	CONCRETE SUPPORT	2407-100-1					
11301-105-080	CONCRETE SUPPORT	2407-100-1					
11301-105-081	CONCRETE SUPPORT	2407-100-1					
11301-105-082	CONCRETE SUPPORT	2407-100-1					
11301-105-083	CONCRETE SUPPORT	2407-100-1					
11301-105-084	CONCRETE SUPPORT	2407-100-1					
11301-105-085	CONCRETE SUPPORT	2407-100-1					
11301-105-086	CONCRETE SUPPORT	2407-100-1					
11301-105-087	CONCRETE SUPPORT	2407-100-1					
11301-105-088	CONCRETE SUPPORT	2407-100-1					
11301-105-089	CONCRETE SUPPORT	2407-100-1					
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11301-105-091	CONCRETE SUPPORT	2407-100-1					
11301-105-092	CONCRETE SUPPORT	2407-100-1					
11301-105-093	CONCRETE SUPPORT	2407-100-1					
11301-105-094	CONCRETE SUPPORT	2407-100-1					
11301-105-095	CONCRETE SUPPORT	2407-100-1					
11301-105-096	CONCRETE SUPPORT	2407-100-1					
11301-105-097	CONCRETE SUPPORT	2407-100-1					
11301-105-098	CONCRETE SUPPORT	2407-100-1					
11301-105-099	CONCRETE SUPPORT	2407-100-1					
11301-105-100	CONCRETE SUPPORT	2407-100-1					



LINE NUMBER	CLASS	PIPE PROJ.	PIPE CLASS.	LINE SIZE	PIPE SCHED.	WALL THKN.	MATERIAL	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THKN.
11301-105	2	216	6.83	24"	SPECIAL	SEE SALES	1185	600	385	595	3.0	



LEGEND
 1 - INDICATES FIELD WELD
 2 - INDICATES SHOP WELD
 3 - INDICATES INTEGRALLY WELDED SUPPORT AT ATTACHMENT
 4 - INDICATES CONTAINMENT PENETRATION NO
 5 - PIPE SUPPORTS

REFERENCE DRAWINGS:
 P&ID.....11408150-1
 FAB ISO.....115-100-002-01
 SH. 2 OF 2
 PIPING LAYOUT DWG.....1104LKC10
 CIVIL/STRUCTURE.....1120H4001, F021
 1120H4009 & F007
 HANGER DETAIL DWG.....11301-105-1001
 11301-1007
 F-SHEETS.....F-12834, F-12834-1,
 F-12834-2, F-12836,
 F-12836-1, F-12835,
 F-12837
 ISI CLASSIFICATION DWG.....151-D-093
 24" CAL. BLOCK.....151-D-312A
 32" CAL. BLOCK.....151-D-317A

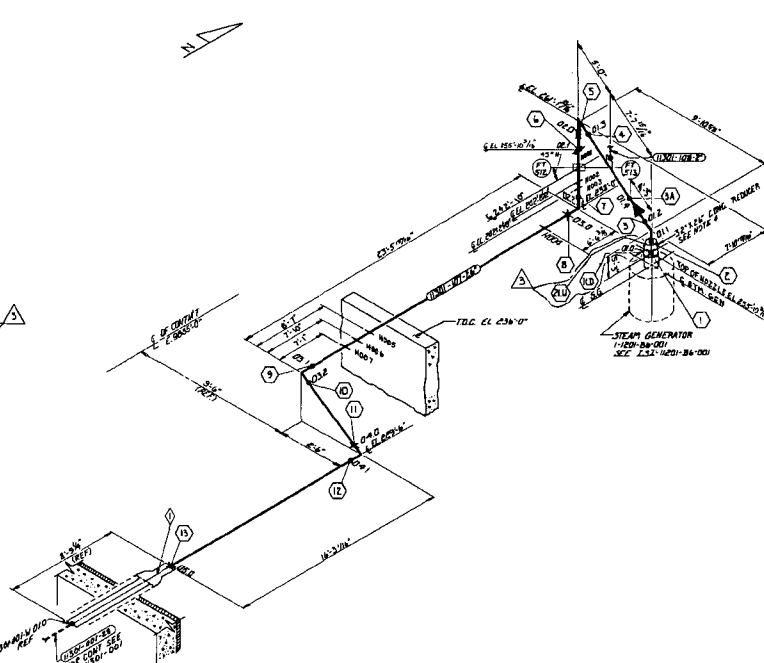
NOTES:
 1 SEE ISI PLAN FOR SELECTIONS AND FREQUENCY OF EXAMINATIONS
 2 32" O.D. (1.513" MIN./WALL) X 24" O.D. (390" MIN./WALL) CONC. RDCR
 3 FOR PIPE WELD END PREP. SEE BEGTTEL DWG 1104001 APPENDIX D (L.I.D.)

Southern Company Service, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT UNIT 1-LINE NO. 105 INSERVICE INSPECTION ISOMETRIC MAIN STEAM-SYSTEM 1301	
ISSUED BY	DATE
BRK LUC	11/1/85
REVISIONS	DATE
1	11-1-85
2	3-3-85
3	12-17-87
ISSUED FOR	DATE
INSPECTION	
SCALE	AS SHOWN
PROJECT NO.	151-1130-E-2

REV.	DATE	BY	CHKD.	APPV.	REVISION
1	11-1-85	BRK	LUC	CLW	ADDED LONG SEAM WELD
2	3-3-85	BRK	LUC	CLW	ADDED NEW WELD NO'S REVISED LEGEND, REFERENCES & NOTES
3	12-17-87	BRK	LUC	CLW	

LINE NUMBER	CLASS	PIPE SIZE	PIPE SCHED	WALL THICKNESS	MAT. TYPE	DESIGN PRESS. TEMP.	DESIGN PRESS.	DESIGN TEMP.	INSUL. THICK.	
11301-107	2	216	CS-3	24"	SPECIAL	350° F	185	400	383	3.0

EQUIPMENT OR WELD IDENTIFICATION NO.	WELD OR EQUIP. DESCRIP.	PART EXAMINER'S NO. & DATE	EXAM. REQUIREMENT FIG.	EXAMINATION METHOD AND ITEM NO.						
				VOL.	SURF.	V71	V72	V73	V74	
11301-107-1001	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1002	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1003	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1004	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1005	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1006	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1007	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1008	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1009	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1010	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1011	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1012	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1013	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1014	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1015	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1016	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1017	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1018	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1019	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1020	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1021	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1022	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1023	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1024	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1025	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1026	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1027	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1028	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1029	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1030	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1031	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1032	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1033	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1034	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
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11301-107-1037	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1038	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
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11301-107-1047	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1048	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1049	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1050	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1051	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1052	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1053	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1054	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1055	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1056	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
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11301-107-1059	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1060	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1061	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1062	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1063	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1064	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1065	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1066	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1067	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1068	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1069	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1070	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
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11301-107-1072	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
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11301-107-1076	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1077	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
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11301-107-1079	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1080	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1081	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1082	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1083	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1084	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1085	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
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11301-107-1087	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
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11301-107-1091	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1092	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1093	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1094	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1095	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1096	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1097	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1098	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1099	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							
11301-107-1100	CONCRETE SUPPLY	CONCRETE SUPPLY	IMP-1001-1							

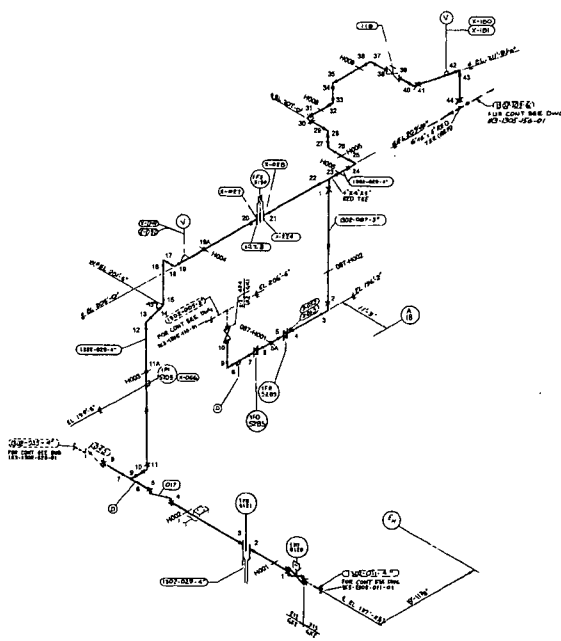


- LEGEND:**
- 1 - INDICATES FIELD WELD
 - 2 - INDICATES SHOP WELD
 - 3 - INDICATES INTEGRALLY WELDED SUPPORT ATTACHMENT
 - 4 - INDICATES CONTAINMENT PENETRATION
 - 5 - INDICATES PIPE SUPPORT
- REFERENCE DRAWINGS:**
- P&ID - 11301-107-1001-1
 - FAB ISO - 11301-107-1001-1
 - PIPING LAYOUT DWG - 11301-107-1001-1
 - CIVIL/STRUCTURAL - 11301-107-1001-1
 - HANGER DETAIL DWG - 11301-107-1001-1
 - F-SHEETS - 11301-107-1001-1
 - 15" CLASSIFICATION DWG - 151-D-005
 - 20" CAL. BLOCK - 151-D-00A
 - 30" CAL. BLOCK - 151-D-017A

- NOTES:**
- 1 - SEE 1ST PLAN FOR SECTIONS AND FREQUENCY OF EXAMINATIONS
 - 2 - 32" O.D. (1.315" MIN. WALL) X 24" O.D. (1.330" MIN. WALL) EDG. RUCK.
 - 3 - FOR PIPE WELD END PREP SEE DETAIL DWG AND/OR APPENDIX D (UNO)
 - 4 - FOR 32" WELD PREP DETAIL SEE DWG. 151-11301-105 DETAIL 'A'

Southern Company Services, Inc.	
Georgia Power Company	
VOGTELE ELECTRIC GENERATING PLANT	
UNIT 1 - LINE NO. 107	
INSERVICE INSPECTION ISOMETRIC	
MAIN STEAM SYSTEM 1301	
DATE	151-11301-107
REV.	3

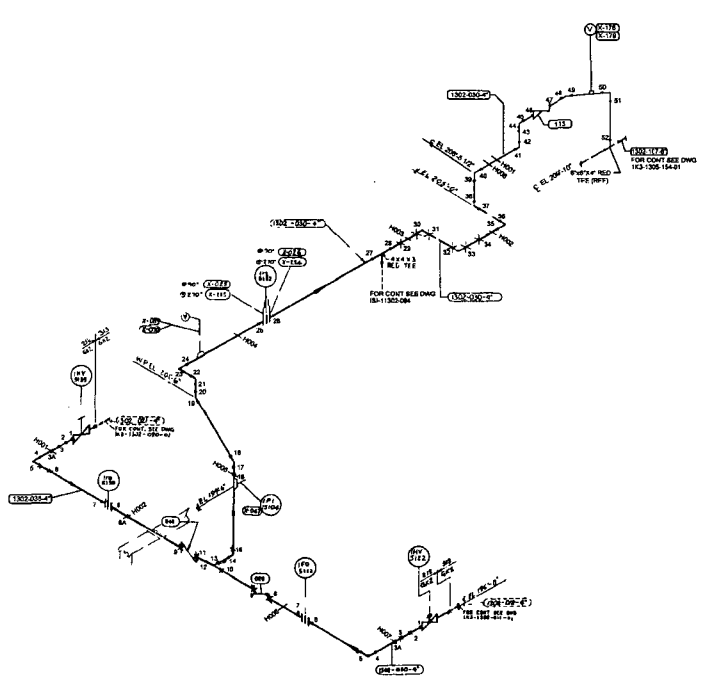
NO.	DATE	DESCRIPTION	BY	CHECKED	APPROVED
1	11-5-85	ADDED LONG SEAM WELD TO RUCK	BKG	W.S.	C.W.B.
2	1-1-85	ADDED NEW WELD NO'S REVISED REFERENCES & NOTES ADDED WELD 014	BKG	W.S.	C.W.B.
3	3-18-85	REVISED TITLE BLOCK ADDED NO'S IN LENGTH ADDED CLASSIFICATION AND CAL. BLOCK DWG. NO'S.	BKG	W.S.	C.W.B.
4	1-17-84	ISSUED FOR INSPECTION	BKG	W.S.	C.W.B.



REFERENCES:
 1K3-1302-029-0120

LINE NUMBER:
 ISI-11302-029
 ISI-11302-057

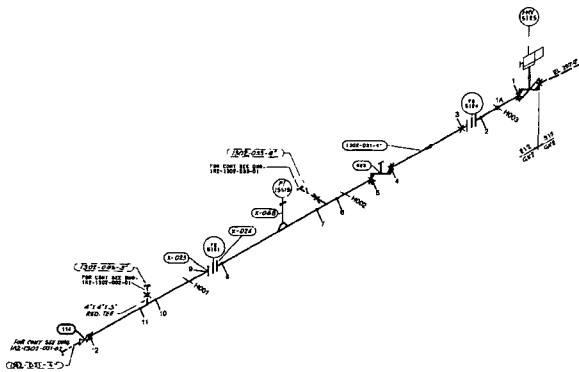
SOUTHERN COMPANY SERVICES, INC.											
GEORGIA POWER COMPANY											
VOGTLE ELECTRIC GENERATING PLANT											
UNIT 1 - LINE NO. 029											
INSERVICE INSPECTION ISOMETRIC											
AUXILIARY FEEDWATER - SYSTEM 1302											
DESIGNED						DRAWN					
CHECKED						PROJECTED					
SCALE						PROJECT NO.					
SHEET						DRAWING NUMBER					
1 OF 1						1					



REFERENCES:
1K3-1302-030-01/28

LINE NUMBER:
IS-11302-030
IS-11302-036

SOUTHERN COMPANY SERVICES, INC.											
GEORGIA POWER COMPANY											
VOGTLE ELECTRIC GENERATING PLANT											
UNIT 1 - LINE NO. 030											
INSERVICE INSPECTION ISOMETRIC											
AUXILIARY FEEDWATER - SYSTEM 1302											
DESIGNED			DRAWN			CHECKED			REV.		
BY	DATE	BY	DATE	BY	DATE	SCALE	SHEET	PROJECT'S	DRAWING NUMBER	REV.	
									IS-11302-030	1	

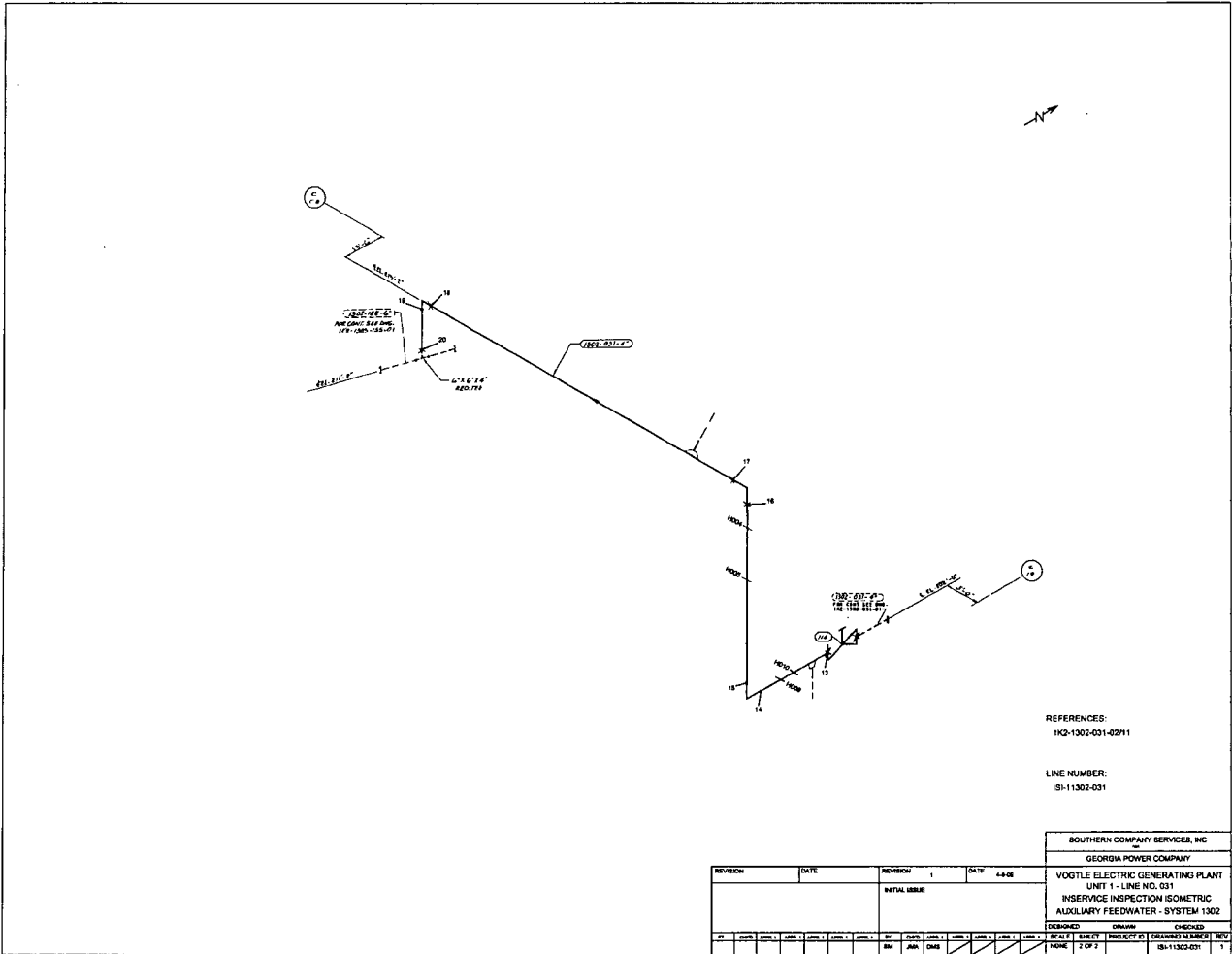


REFERENCES:
1K2-1302-031-01/11

LINE NUMBER:
ISI-11302-031

SOUTHERN COMPANY SERVICES, INC.	
GEORGIA POWER COMPANY	
VOGTLE ELECTRIC GENERATING PLANT UNIT 1 - LINE NO. 031	
INSERVICE INSPECTION ISOMETRIC AUXILIARY FEEDWATER - SYSTEM 1302	
DESIGNED	CHECKED
SCALE	PROJECT NO.
SHEET	DRAWING REVISION
1 OF 2	ISI-11302-031

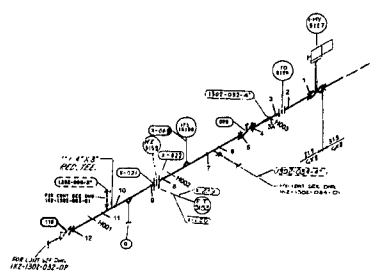
REVISION	DATE	REVISION	DATE
		1	4-8-03
INITIALS			
BY	DATE	BY	DATE
SM	AMA	OMA	



REFERENCES:
 1K2-1302-031-02/11

LINE NUMBER:
 IS-11302-031

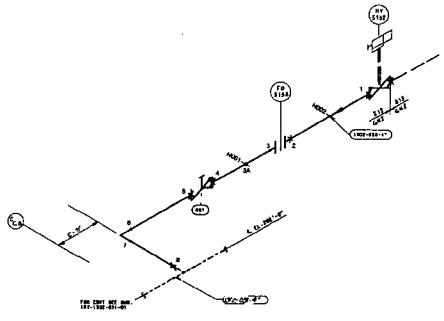
SOUTHERN COMPANY SERVICES, INC.											
GEORGIA POWER COMPANY											
VOGTLE ELECTRIC GENERATING PLANT											
UNIT 1 - LINE NO. 031											
INSERVICE INSPECTION ISOMETRIC											
AUXILIARY FEEDWATER - SYSTEM 1302											
REVISION			DATE			REVISION			DATE		
INITIAL ISSUE						1			4-8-08		
BY	DATE	APPROVED	DATE	APPROVED	DATE	BY	DATE	APPROVED	DATE	BY	DATE
BM	AM	DM									
DRAWN										CHECKED	
NONE										2 OF 2	
PROJECT ID										DRAWING NUMBER	
										IS-11302-031	
										REV	
										1	



REFERENCES
1K2-1302-032-01/12

LINE NUMBER:
IS-11302-032

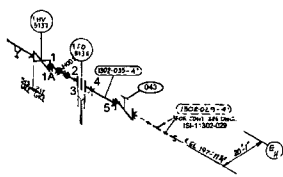
SOUTHERN COMPANY SERVICES, INC.											
GEORGIA POWER COMPANY											
VOGTLE ELECTRIC GENERATING PLANT											
UNIT 1 - LINE NO. 032											
INSERVICE INSPECTION ISOMETRIC											
AUXILIARY FEEDWATER - SYSTEM 1302											
DRAWN						CHECKED					
SCALE 1"=10'						PROJECT ID 1302-032-01/12					
SHEET 1 OF 2						IS-11302-032 1					



REFERENCES:
1K2-1302-033-01/B

LINE NUMBER:
ISH-11302-033

SOUTHERN COMPANY SERVICES, INC.		DATE	
GEORGIA POWER COMPANY		4-8-66	
VOGTLE ELECTRIC GENERATING PLANT		INITIAL ISSUE	
UNIT 7 - LINE NO. 033			
INSERVICE INSPECTION ISOMETRIC			
AUXILIARY FEEDWATER - SYSTEM 1302			
UNDESIGNED	DRAWN	CHECKED	
BY	DATE	BY	DATE
WAP	4-8-66		
PROJECT ID		DRAWING NUMBER	
10-11302-033		1	



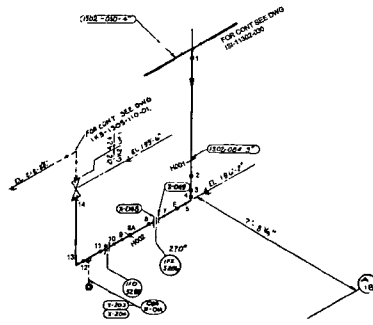
REFERENCES:
1K3-1302-020-01/13

LINE NUMBER:
ISI-11302-035

SOUTHERN COMPANY SERVICES, INC.	
GEORGIA POWER COMPANY	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 1 - LINE NO. 035	
INSERVICE INSPECTION ISOMETRIC	
AUXILIARY FEEDWATER - SYSTEM 1302	
DESIGNED	CHECKED
DRAWN	

REVISION	DATE	REVISION	DATE
		1	4-4-09
INITIALS			
BY	CHKD	APPR. 1	APPR. 2
EM	JMA	DMG	

SCALE	SHEET	PROJECT ID	DRAWING NUMBER	REV
NONE	1 OF 1		ISI-11302-035	1



REFERENCES:
1K2-1302-030-0120

LINE NUMBER:
IS-11302-05A

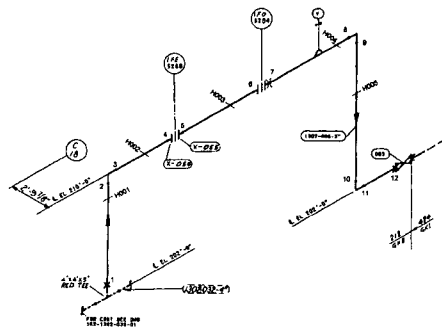
SOUTHERN COMPANY SERVICES, INC.		
GEORGIA POWER COMPANY		
VOGTLE ELECTRIC GENERATING PLANT		
UNIT 1 - LINE NO. 05A		
INSERVICE INSPECTION ISOMETRIC		
AUXILIARY FEEDWATER - SYSTEM 1302		
DATE	BY	CHECKED

REVISION	DATE	REVISION	DATE
		1	4-8-68
INITIAL ISSUE			

BY	DATE	BY	DATE	BY	DATE	BY	DATE	BY	DATE

DATE	BY	CHECKED

NAME	1 OF 1	PROJECT ID	DRAWING NUMBER	REV
			IS-11302-05A	1

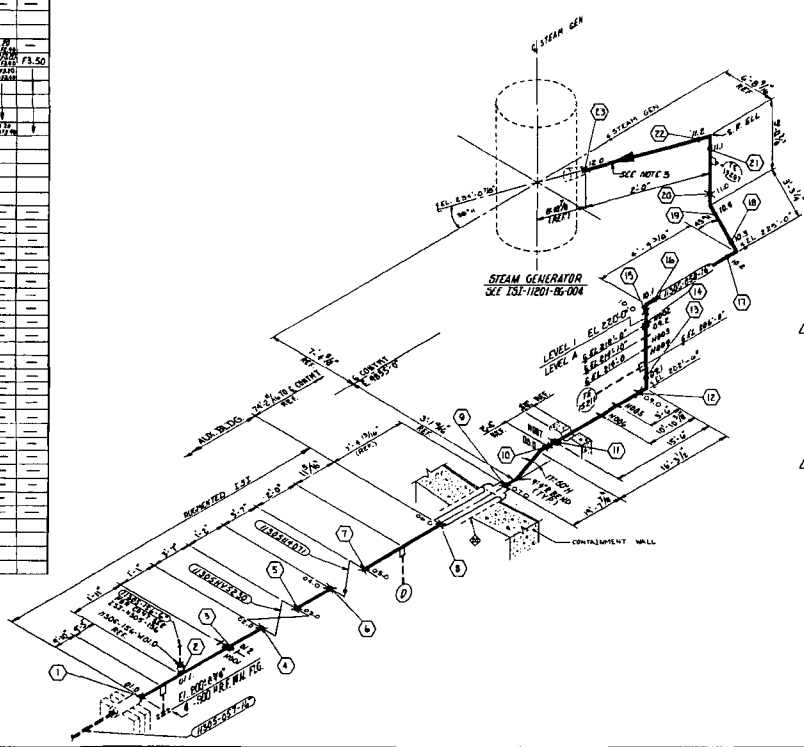
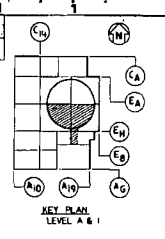


REFERENCES:
 1K2-1302-003-01/13
 LINE NUMBER:
 IS-11302-088

SOUTHERN COMPANY SERVICES, INC.											
GEORGIA POWER COMPANY											
VOGTLE ELECTRIC GENERATING PLANT											
UNIT 1 - LINE NO. 088											
INSERVICE INSPECTION ISOMETRIC											
AUXILIARY FEEDWATER - SYSTEM 1302											
DESIGNED						DRAWN					
CHECKED						PROJECTED					
DATE						DATE					
BY						BY					
JOB NO.						JOB NO.					
SCALE						SCALE					
SHEET NO.						SHEET NO.					
PROJECT NO.						PROJECT NO.					
DRAWING NO.						DRAWING NO.					
REV.						REV.					
1						1					

EQUIPMENT OR WELD IDENTIFICATION NO.	WELD OR EQUIP. DESCRIP.	PART EXAMINED SEE NOTE NO. 13	EXAM. REQUIRE. INSTRUMENT	EXAMINATION METHOD AND ITEM NO.					
				VOL.	SURF.	VT1	VT2	VT3	VT4
11305U4071	INLET VALVE	PROCESSOR						VT40	
11305HVB0	EXHT VALVE								
11305-058-1001	STEAM GENERATOR	11305-058-1001						VT40	
1002	STEAM GENERATOR							VT40	VT45
1003	STEAM GENERATOR							VT40	VT45
1004	STEAM GENERATOR							VT40	VT45
1005	STEAM GENERATOR							VT40	VT45
1006	STEAM GENERATOR							VT40	VT45
1007	STEAM GENERATOR							VT40	VT45
11305-058-1010	STEAM GENERATOR	11305-058-1010						VT40	
1011	STEAM GENERATOR							VT40	VT45
1012	STEAM GENERATOR							VT40	VT45
1013	STEAM GENERATOR							VT40	VT45
1014	STEAM GENERATOR							VT40	VT45
1015	STEAM GENERATOR							VT40	VT45
1016	STEAM GENERATOR							VT40	VT45
1017	STEAM GENERATOR							VT40	VT45
1018	STEAM GENERATOR							VT40	VT45
1019	STEAM GENERATOR							VT40	VT45
1020	STEAM GENERATOR							VT40	VT45
1021	STEAM GENERATOR							VT40	VT45
1022	STEAM GENERATOR							VT40	VT45
1023	STEAM GENERATOR							VT40	VT45
1024	STEAM GENERATOR							VT40	VT45
1025	STEAM GENERATOR							VT40	VT45
1026	STEAM GENERATOR							VT40	VT45
1027	STEAM GENERATOR							VT40	VT45
1028	STEAM GENERATOR							VT40	VT45
1029	STEAM GENERATOR							VT40	VT45
1030	STEAM GENERATOR							VT40	VT45
1031	STEAM GENERATOR							VT40	VT45
1032	STEAM GENERATOR							VT40	VT45
1033	STEAM GENERATOR							VT40	VT45
1034	STEAM GENERATOR							VT40	VT45
1035	STEAM GENERATOR							VT40	VT45
1036	STEAM GENERATOR							VT40	VT45
1037	STEAM GENERATOR							VT40	VT45
1038	STEAM GENERATOR							VT40	VT45
1039	STEAM GENERATOR							VT40	VT45
1040	STEAM GENERATOR							VT40	VT45
1041	STEAM GENERATOR							VT40	VT45
1042	STEAM GENERATOR							VT40	VT45
1043	STEAM GENERATOR							VT40	VT45
1044	STEAM GENERATOR							VT40	VT45
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1059	STEAM GENERATOR							VT40	VT45
1060	STEAM GENERATOR							VT40	VT45
1061	STEAM GENERATOR							VT40	VT45
1062	STEAM GENERATOR							VT40	VT45
1063	STEAM GENERATOR							VT40	VT45
1064	STEAM GENERATOR							VT40	VT45
1065	STEAM GENERATOR							VT40	VT45
1066	STEAM GENERATOR							VT40	VT45
1067	STEAM GENERATOR							VT40	VT45
1068	STEAM GENERATOR							VT40	VT45
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1070	STEAM GENERATOR							VT40	VT45
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1072	STEAM GENERATOR							VT40	VT45
1073	STEAM GENERATOR							VT40	VT45
1074	STEAM GENERATOR							VT40	VT45
1075	STEAM GENERATOR							VT40	VT45
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1077	STEAM GENERATOR							VT40	VT45
1078	STEAM GENERATOR							VT40	VT45
1079	STEAM GENERATOR							VT40	VT45
1080	STEAM GENERATOR							VT40	VT45
1081	STEAM GENERATOR							VT40	VT45
1082	STEAM GENERATOR							VT40	VT45
1083	STEAM GENERATOR							VT40	VT45
1084	STEAM GENERATOR							VT40	VT45
1085	STEAM GENERATOR							VT40	VT45
1086	STEAM GENERATOR							VT40	VT45
1087	STEAM GENERATOR							VT40	VT45
1088	STEAM GENERATOR							VT40	VT45
1089	STEAM GENERATOR							VT40	VT45
1090	STEAM GENERATOR							VT40	VT45
1091	STEAM GENERATOR							VT40	VT45
1092	STEAM GENERATOR							VT40	VT45
1093	STEAM GENERATOR							VT40	VT45
1094	STEAM GENERATOR							VT40	VT45
1095	STEAM GENERATOR							VT40	VT45
1096	STEAM GENERATOR							VT40	VT45
1097	STEAM GENERATOR							VT40	VT45
1098	STEAM GENERATOR							VT40	VT45
1099	STEAM GENERATOR							VT40	VT45
1100	STEAM GENERATOR							VT40	VT45

LINE NUMBER	CLASS	PIPE CLASS	LINE SIZE	PIPE SCHED.	WALL THK.	MAT'L	DESIGN PRESS.	DESIGN TEMP.	OPER. TEMP.	INSUL. THK.
11305-058	151	151	10"	120	1.219	SA-106	1800	440	1150	4.5



- LEGEND:**
- 1. X INDICATES FIELD WELD
 - 2. # INDICATES INTEGRALLY WELDED SUPPORT ATTACHMENT
 - 3. # INDICATES SHOP WELD
 - 4. 0 INDICATES CONTAINMENT PENETRATION NO.
 - 5-# INDICATES PIPE RESTRAINT
 - 6. # INDICATES BRANCH CONNECTION WELD
 - 7. - INDICATES PIPE SUPPORT

- REFERENCE DRAWINGS:**
- P & ID - 11305-058-3
 - FAB 150 - 11305-058-01
 - 10" SCHED 80 CAL. BLK. DWG. 151-D-788A
 - PIPING LAYOUT DWG. - 11305-058-3, 4 & 3604
 - CIVIL/STRUCTURAL - 11305-058-011
 - HANGER DETAIL DWG. - 11305-058-1001 THRU 1007

- PENETRATION DESIGN LIST:**
- 11305-058-1001
 - 11305-058-1002
 - 11305-058-1003
 - 11305-058-1004
 - 11305-058-1005
 - 11305-058-1006
 - 11305-058-1007

- NOTES:**
1. SEE 151 PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 2. FOR PIPE WELD END PER SEE RECENT DWG. APPROPRIATE APPENDIX D, U-1003
 3. SCHED 120 PIPE COUNTERTOPPED TO MATCH SCHED. 80 STEAM GEN. NOZZLE DATA, SA-106 GR. C. - THIS SECTION OF PIPE ONLY.

REVISION	DATE	DESCRIPTION	BY	CHKD	APP'D
1		ISSUED FOR INSPECTION			
2		ADDED NEW WELD NO'S REVISED REFERENCES			
3		REVISED REFERENCE DRAWINGS. ADDED LEVELS 1 AND A. CHANGED AUGMENTED BOUNDARY AND ITEM NUMBERS IN VOL. AND SURF. METHODS.			

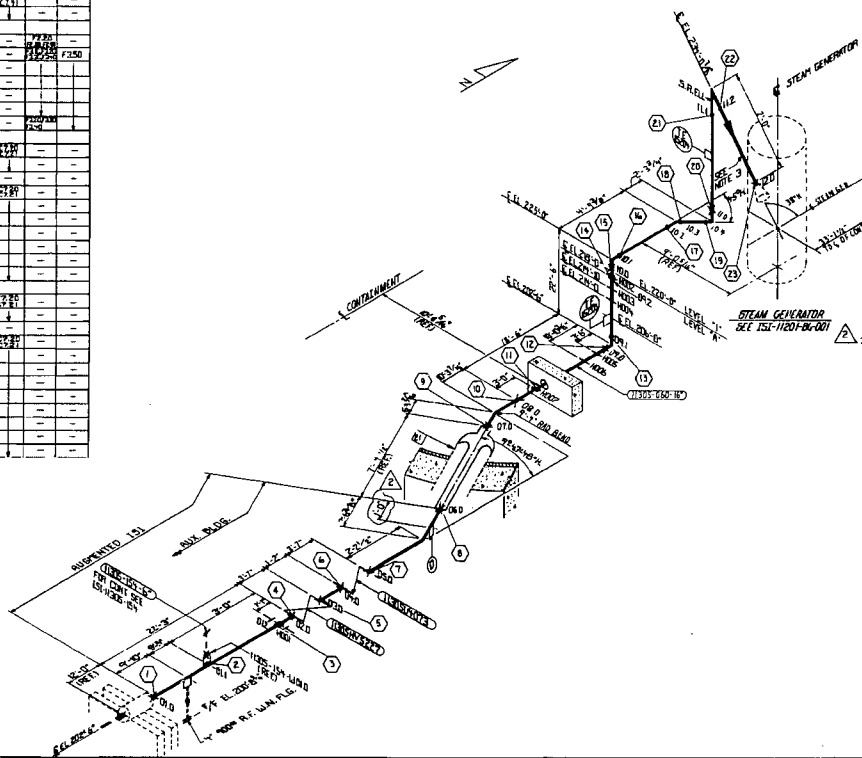
Southern Company Services, Inc.
Georgia Power Company

**VOGTLE ELECTRIC GENERATING PLANT
UNIT 1 - LINE NO. 058
INSERVICE INSPECTION ISOMETRIC
FEEDWATER - SYSTEM 1305**

Scale: 1" = 1'-0" Drawing No: 151-11305-058-002

EQUIPMENT OR WELD IDENTIFICATION NO.	WELD OR EQUIP. DESCR.	PART EXAMINED	EXAM. METHOD	EXAMINATION METHOD AND ITEM NO.			
				VOL.	SURF.	VT1	VT2	VT3	VT4
1305H2227	CONCRETE WELD	PIPE WELD	VT-1				
1305H073	CONCRETE WELD	PIPE WELD	VT-1				
VP-1001-000-1001	PIPE WELD	PIPE WELD	VT-1				
1305H0418	PIPE WELD	PIPE WELD	VT-1				
1305H0419	PIPE WELD	PIPE WELD	VT-1				
1305H0420	PIPE WELD	PIPE WELD	VT-1				
1305H0421	PIPE WELD	PIPE WELD	VT-1				
1305H0422	PIPE WELD	PIPE WELD	VT-1				
1305H0423	PIPE WELD	PIPE WELD	VT-1				
1305H0424	PIPE WELD	PIPE WELD	VT-1				
1305H0425	PIPE WELD	PIPE WELD	VT-1				
1305H0426	PIPE WELD	PIPE WELD	VT-1				
1305H0427	PIPE WELD	PIPE WELD	VT-1				
1305H0428	PIPE WELD	PIPE WELD	VT-1				
1305H0429	PIPE WELD	PIPE WELD	VT-1				
1305H0430	PIPE WELD	PIPE WELD	VT-1				
1305H0431	PIPE WELD	PIPE WELD	VT-1				
1305H0432	PIPE WELD	PIPE WELD	VT-1				
1305H0433	PIPE WELD	PIPE WELD	VT-1				
1305H0434	PIPE WELD	PIPE WELD	VT-1				
1305H0435	PIPE WELD	PIPE WELD	VT-1				
1305H0436	PIPE WELD	PIPE WELD	VT-1				
1305H0437	PIPE WELD	PIPE WELD	VT-1				
1305H0438	PIPE WELD	PIPE WELD	VT-1				
1305H0439	PIPE WELD	PIPE WELD	VT-1				
1305H0440	PIPE WELD	PIPE WELD	VT-1				
1305H0441	PIPE WELD	PIPE WELD	VT-1				
1305H0442	PIPE WELD	PIPE WELD	VT-1				
1305H0443	PIPE WELD	PIPE WELD	VT-1				
1305H0444	PIPE WELD	PIPE WELD	VT-1				
1305H0445	PIPE WELD	PIPE WELD	VT-1				
1305H0446	PIPE WELD	PIPE WELD	VT-1				
1305H0447	PIPE WELD	PIPE WELD	VT-1				
1305H0448	PIPE WELD	PIPE WELD	VT-1				
1305H0449	PIPE WELD	PIPE WELD	VT-1				
1305H0450	PIPE WELD	PIPE WELD	VT-1				

LINE NUMBER	CLASS	PIPE CLASS	PIPE SIZE	PIPE SCHED.	WALL THKN.	MATL. TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THKN.
1305-060	1	212	642	16"	100	1.215	1800	+60	1150	+45	2.0"



KEY PLAN LEVEL A 41

LEGEND:

- 1 - INDICATES FIELD WELD.
- 2 - INDICATES INTEGRALLY WELDED SUPPORT ATTACHMENT.
- 3 - INDICATES SHOP WELD.
- 4 - INDICATES BRONZE CONNECTION WELD.
- 5 - INDICATES PIPE RESTRAINT.
- 6 - INDICATES CONTAINMENT PENETRATION NUMBER.
- 7 - INDICATES PIPE SUPPORT.

REFERENCE DRAWINGS:

- P & ID - 1305-060-01
- INS-1005-058-01
- FAB-1305

PIPING LAYOUT DWG.: 1305-060-01, 1305-060-02, 1305-060-03, 1305-060-04, 1305-060-05, 1305-060-06, 1305-060-07, 1305-060-08, 1305-060-09, 1305-060-10, 1305-060-11, 1305-060-12, 1305-060-13, 1305-060-14, 1305-060-15, 1305-060-16, 1305-060-17, 1305-060-18, 1305-060-19, 1305-060-20, 1305-060-21, 1305-060-22, 1305-060-23, 1305-060-24, 1305-060-25, 1305-060-26, 1305-060-27, 1305-060-28, 1305-060-29, 1305-060-30, 1305-060-31, 1305-060-32, 1305-060-33, 1305-060-34, 1305-060-35, 1305-060-36, 1305-060-37, 1305-060-38, 1305-060-39, 1305-060-40, 1305-060-41, 1305-060-42, 1305-060-43, 1305-060-44, 1305-060-45, 1305-060-46, 1305-060-47, 1305-060-48, 1305-060-49, 1305-060-50, 1305-060-51, 1305-060-52, 1305-060-53, 1305-060-54, 1305-060-55, 1305-060-56, 1305-060-57, 1305-060-58, 1305-060-59, 1305-060-60, 1305-060-61, 1305-060-62, 1305-060-63, 1305-060-64, 1305-060-65, 1305-060-66, 1305-060-67, 1305-060-68, 1305-060-69, 1305-060-70, 1305-060-71, 1305-060-72, 1305-060-73, 1305-060-74, 1305-060-75, 1305-060-76, 1305-060-77, 1305-060-78, 1305-060-79, 1305-060-80, 1305-060-81, 1305-060-82, 1305-060-83, 1305-060-84, 1305-060-85, 1305-060-86, 1305-060-87, 1305-060-88, 1305-060-89, 1305-060-90, 1305-060-91, 1305-060-92, 1305-060-93, 1305-060-94, 1305-060-95, 1305-060-96, 1305-060-97, 1305-060-98, 1305-060-99, 1305-060-100.

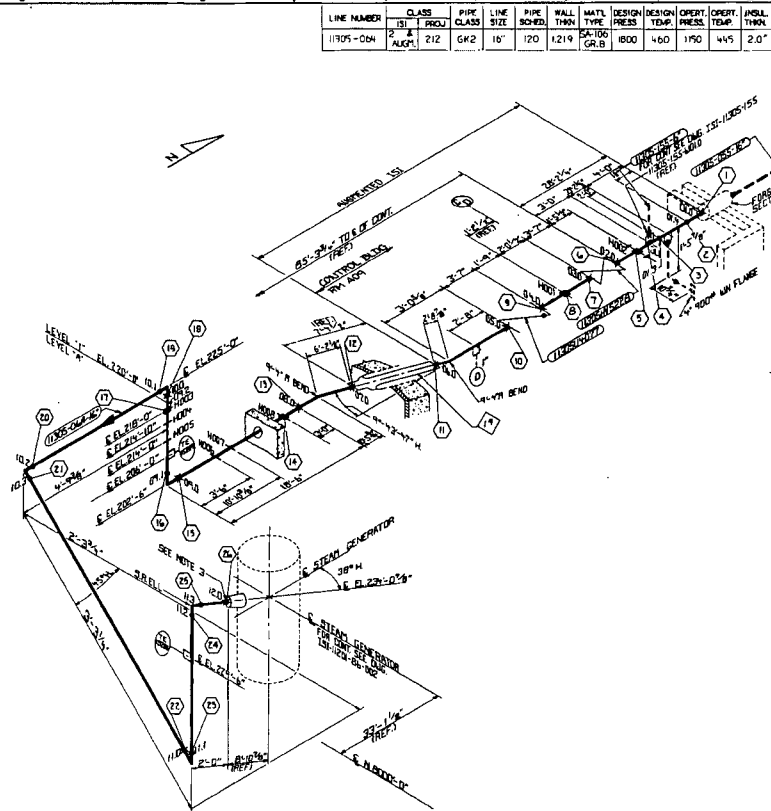
REVISION	DATE	BY	DESCRIPTION
1	5-18-68	W/S	ISSUED FOR INSPECTION
2	7-1-68	W/S	CHANGED AUGMENTED BOUNDARY REVISED EXAM. METHODS & ADDED 16" SOLED BY CAL. BLOCK
3	3-5-68	W/S	ADDED NEW WELD NOS. REVISED REFERENCES REVISED DIMENSION REVISED EQUIPMENT IDENTIFICATION NO.

Southern Company Services, Inc.
 Georgia Power Company

VOGTLÉ ELECTRIC GENERATING PLANT
 UNIT 1 - LINE NO. 060
 INSERVICE INSPECTION ISOMETRIC
 FEEDWATER SYSTEM-FBOS

DATE: 5-18-68
 DRAWN BY: W/S
 CHECKED BY: W/S
 PROJECT NO.: 1305-060-01

EQUIPMENT OR WELD IDENTIFICATION NUMBER	WELD OR EQUIP. DESCRIP.	PART EXAMINED (SEE NOTE NO. 1)	EXAM. REQUIRE. (SEE NOTE NO. 2)	EXAMINATION METHOD AND ITEM NO.			
				VOL.	SURF.	V1	V2	V3	V4
11305N22E8	CONTR. WELD	WELD	CS-21				
11305N277	CONTR. WELD	WELD	CS-21				
11305-064 H002	WELD	WELD	CS-21				
11305-064 H003	WELD	WELD	CS-21				
11305-064 H004	WELD	WELD	CS-21				
11305-064 H005	WELD	WELD	CS-21				
11305-064 H006	WELD	WELD	CS-21				
11305-064 H007	WELD	WELD	CS-21				
11305-064 H008	WELD	WELD	CS-21				
11305-064 H009	WELD	WELD	CS-21				
11305-064 H010	WELD	WELD	CS-21				
11305-064 H011	WELD	WELD	CS-21				
11305-064 H012	WELD	WELD	CS-21				
11305-064 H013	WELD	WELD	CS-21				
11305-064 H014	WELD	WELD	CS-21				
11305-064 H015	WELD	WELD	CS-21				
11305-064 H016	WELD	WELD	CS-21				
11305-064 H017	WELD	WELD	CS-21				
11305-064 H018	WELD	WELD	CS-21				
11305-064 H019	WELD	WELD	CS-21				
11305-064 H020	WELD	WELD	CS-21				
11305-064 H021	WELD	WELD	CS-21				
11305-064 H022	WELD	WELD	CS-21				
11305-064 H023	WELD	WELD	CS-21				
11305-064 H024	WELD	WELD	CS-21				
11305-064 H025	WELD	WELD	CS-21				
11305-064 H026	WELD	WELD	CS-21				
11305-064 H027	WELD	WELD	CS-21				
11305-064 H028	WELD	WELD	CS-21				
11305-064 H029	WELD	WELD	CS-21				
11305-064 H030	WELD	WELD	CS-21				
11305-064 H031	WELD	WELD	CS-21				
11305-064 H032	WELD	WELD	CS-21				
11305-064 H033	WELD	WELD	CS-21				
11305-064 H034	WELD	WELD	CS-21				
11305-064 H035	WELD	WELD	CS-21				
11305-064 H036	WELD	WELD	CS-21				
11305-064 H037	WELD	WELD	CS-21				
11305-064 H038	WELD	WELD	CS-21				
11305-064 H039	WELD	WELD	CS-21				
11305-064 H040	WELD	WELD	CS-21				
11305-064 H041	WELD	WELD	CS-21				
11305-064 H042	WELD	WELD	CS-21				
11305-064 H043	WELD	WELD	CS-21				
11305-064 H044	WELD	WELD	CS-21				
11305-064 H045	WELD	WELD	CS-21				
11305-064 H046	WELD	WELD	CS-21				
11305-064 H047	WELD	WELD	CS-21				
11305-064 H048	WELD	WELD	CS-21				
11305-064 H049	WELD	WELD	CS-21				
11305-064 H050	WELD	WELD	CS-21				



- LEGEND:**
- INDICATES FIELD WELD.
 - INDICATES SHOP WELD.
 - INDICATES INTERGRALLY WELDED SUPPORT ATTACHMENT.
 - CONTAINMENT PENETRATION.
 - BRANCH CONNECTION WELD.
 - PIPE RESTRAINT.
 - INDICATES PIPE SUPPORT.

- REFERENCE DRAWINGS:**
- P&ID - 11408100-1
 - P&ID - 115-1105-002-02
 - PIPING LAYOUT Dwg. - 11408100-01, 02, 03, 04 & 05
 - CIVIL STRUCTURAL - 11408100-1, 1019
 - HANGER DETAIL Dwg. - 11-1105-004-1001 THRU 1008
 - F SHEETS - F-11102, F-11104, F-12773, F-12774, F-12775, F-12777
 - ISI CLASSIFICATION Dwg. - 115-D-059
 - 16" SCHED. 80 CAL. BLOCK - 115-D-311A
 - 40" SCHED. 80 CAL. BLOCK - 115-D-311B

- NOTES:**
- SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 - FOR PIPE WELD END PREP SEE BECHTEL DWG. AX-48001 APPENDIX D. (U.N.O.)
 - SCHED. 120 PIPE COUNTERBORED TO MATCH SCHED. 80 STEAM GENERATOR NOZZLE.
 - WELD ON 15 064-N-01A ON FAB 150

REVISION 2 DATE 4-2-85		REVISION 1 DATE 12-7-84		REVISION 0 DATE 10-17-83	
ADDED NEW WELD NUMBERS, REVISED LEGEND AND REFERENCES, REMOVED WELDS 002, 003, 1, AND 007 FROM INSPECTION, CALLED OUT LINE NUMBER AS WAS 15 064-N-01A, ADDED ROOM NUMBER		CHANGED AUGMENTED BOUNDARIES, REVISED EXAM. METHODS & ADDED 16" SCHED. 80 CAL. BLOCK.		ISSUED FOR INSPECTION	
BY: [Signature]	BY: [Signature]	BY: [Signature]	BY: [Signature]	BY: [Signature]	BY: [Signature]
DATE: [Date]	DATE: [Date]	DATE: [Date]	DATE: [Date]	DATE: [Date]	DATE: [Date]

Southern Company Services, Inc.
GEORGIA POWER COMPANY

VOGTLE ELECTRIC GENERATING PLANT
UNIT 1 - LINE NO. 064
INSERVICE INSPECTION ISOMETRIC
FEEDWATER SYSTEM 1105

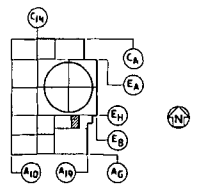
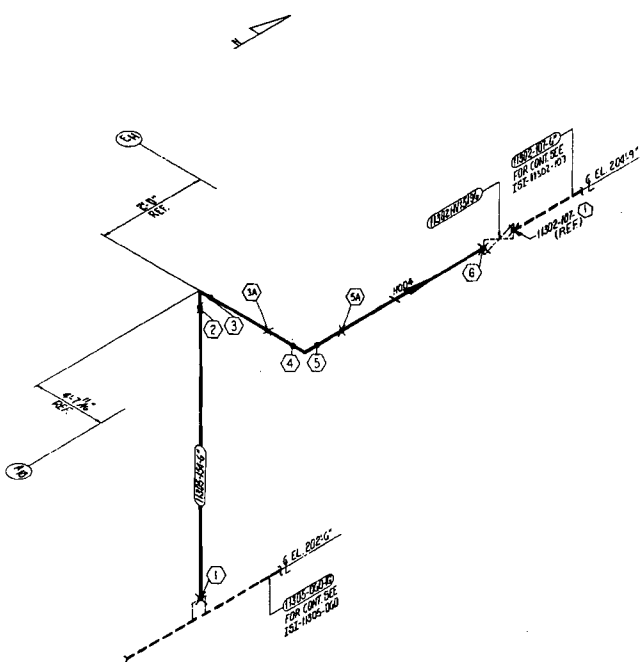
ISSUED FOR INSPECTION

DATE: 11/11/85

BY: [Signature]

EQUIPMENT OR WELD IDENTIFICATION NUMBER	WELD OR EQUIP. DESCRIP.	PART EXAMINED (SEE NOTE NO. 1)	EXAM. REQUIRE. (MENT FIG.)	EXAMINATION METHOD AND ITEM NO.			
				VOL.	SURF.	VT1	VT2	VT3	VT4
11305-154-1004	LINEAR RESTRAINT						VT16
11305-154-1000	EW	ELK WELD	11305-7				
W011							
W012							
W013							
W014							
W020							

LINE NUMBER	CLASS		PIPE CLASS	LINE SIZE	PIPE SCHED.	WALL THIN	MATERIAL	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL. THIN
	ISI	PROJ.										
11305-154	2	212	642	6"	120	0.512"	SA106 B	1800	740	110	475	2.0"



KEY PLAN
LEVEL A

LEGEND:

1. ■ INDICATES FIELD WELD.
2. ● INDICATES SHOP WELD.
3. ■ INDICATES INTERGRALLY WELDED SUPPORT ATTACHMENT.
4. ⊕ CONTAINMENT PENETRATION.
5. ⊕ BRANCH CONNECTION WELD.
6. -|- PIPE RESTRAINT
7. -|- PIPE SUPPORT

REFERENCE DRAWINGS:

P & ID - - - - - IX4DB168-3
 FAB 150 - - - - - IK3-1305-154-01/15

PIPING LAYOUT DWG - - - - - INDL3G04
 CIVIL/STRUCTURAL - - - - - AX2008A080
 HANGER DETAIL DWG - - - - - VH-1305-154-1004
 F-SHEET - - - - - F-12730

NOTES:

1. SEE IS1 PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
2. FOR PIPE WELD END PREP. SEE BECHTEL DWG. AX40R001 APPENDIX D. (U.N.D.)

REVISION	DATE	DESCRIPTION	BY	CHECKED	APPROVED
3	5-28-87	GENERAL REVISION TO UPDATE DRAWING FOR IS1	R.C.B.	G.L.B.	gpc
2	11-14-85	ADDED NEW WELD NOS. 3A & 3A CHANGED DIMENSION & INSULATION THICKNESS, REMOVED HOOD.	E.J.O.	W.S.	C.A.
1	6-2-85	ADDED NEW WELD NOS. REVISED EQUIPMENT IDENTIFICATION NO. REVISED LEGEND & REFERENCES ADDED WELD NOS. REVISED CONTINUATION DRAWING REVISED ELEVATION REVISED DIMENSION	B.K.G.	W.S.	C.O.B.
0	8-29-83	ISSUED FOR INSPECTION	T.W.	A.L.S.	A.F.

Southern Company Services, Inc.	
GEORGIA POWER COMPANY	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 1 - LINE NO. 154	
INSERVICE INSPECTION ISOMETRIC	
FEEDWATER-SYSTEM 1305	
DESIGNED BY	IS1-1305-154-3

