

**TENNESSEE VALLEY AUTHORITY**

CHATTANOOGA, TENNESSEE 37401  
5W 157B Lookout Place

NOV 26 1986

Mr. Harold R. Denton, Director  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Mr. Denton:

In the Matter of the Application of ) Docket Nos. 50-327, 50-328  
Tennessee Valley Authority ) 50-390, 50-391  
50-438, 50-439  
50-259, 50-260  
50-296

**EMPLOYEE CONCERNS SPECIAL PROGRAM - EVALUATION OF ALLEGATIONS**

As a part of the Employee Concerns Special Program (ECSP), a number of allegations are being addressed in the evaluation process. These allegations came from three main sources:

- A. Allegations expressed to NRC and provided to TVA for investigation in six separate transmittal letters.
- B. Letter from Owen Thero, QTC, to Charles Dean, TVA, dated May 30, 1986.
- C. Transcript of congressional hearing chaired by Congressman John Dingell on June 11, 1986.

Enclosed are eight matrices which address each of the items listed above. These matrices document TVA's approach for resolution of these items. Each matrix contains the following information:

- A. Subject "Common name" term for allegation package.
- B. Pertinent TVA Correspondence References official correspondence which TVA or the Employee Concern Task Group initially received allegation package.
- C. Document Number Records actual allegation number from official correspondence or records a page number reference with brief description for previously unnumbered items.

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Mr. Harold R. Denton

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- D. ECSP Concern Number                      Records the ECSP number which addresses or encompasses the item identified in the allegation package. This ECSP concern number is entered into the ECTG computerized data base.
- E. Category                                      Records ECSP category which the ECSP concern is assigned for evaluation.
- F. Subcategory                                  Records ECSP subcategory which the ECSP concern is assigned within the category.
- G. Pertinent TVA Correspondence              References TVA generated correspondence either delegating responsibility for review or responding to NRC with TVA action plans.
- H. Comments                                      Allows explanation of matrix entries where appropriate.

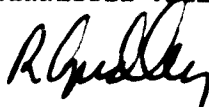
Future revisions of these matrices will include additional category/subcategory information not available on November 19, 1986.

As has been previously stated in earlier correspondence, it is TVA's position that successful resolution of the ECSP concerns referenced in these matrices will appropriately address the allegations. The results of these evaluations are provided to NRC through our normal ECSP reporting process and no separate submittal of allegation evaluation results is planned for the ECTG. The monthly reporting of the status of allegation investigations being evaluated in the new ECP will continue.

If you have questions, please get in touch with Martha Martin at (615) 365-3587, Watts Bar Nuclear Plant.

Very truly yours,

TENNESSEE VALLEY AUTHORITY



R. L. Gridley, Director  
Nuclear Safety and Licensing

Enclosures

Mr. Harold R. Denton

NOV 26 1986

cc (Enclosures):

Mr. James A. Taylor, Director  
Office of Inspection and Enforcement  
U.S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Director of Nuclear Reactor Regulation  
Attn: Mr. B. J. Youngblood, Project Director  
PWR Project Directorate No. 4  
Division of PWR Licensing - A  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

U.S. Nuclear Regulatory Commission  
Region II  
Attn: Mr. Gary Zech  
101 Marietta Street, NW, Suite 2900  
Atlanta, Georgia 30323

Mr. Tom Kenyon  
Watts Bar Project Director  
U.S. Nuclear Regulatory Commission  
7920 Norfolk Avenue  
Bethesda, Maryland 20814

Mr. Carl Stahle  
Sequoyah Project Director  
U.S. Nuclear Regulatory Commission  
7920 Norfolk Avenue  
Bethesda, Maryland 20814

U.S. Nuclear Regulatory Commission  
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Attn: Charlie Upright  
101 Marietta Street, NW, Suite 2900  
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Bethesda, Maryland 20814

Mr. G. E. Gears  
Browns Ferry Nuclear Plant Project Manager  
U.S. Nuclear Regulatory Commission  
7920 Norfolk Avenue  
Bethesda, Maryland 20814

**Allegations - Group 1**

**Subject: NRC Allegations 5/16/85**

**Source Document: Hugh Thompson to  
H. G. Parris 5/16/85**

**Revision 0  
11/19/86**

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS
NRC Allegations 05/16/85	Hugh Thompson to H. G. Parris 05/16/85 A02 850517001	Enclosure 1 Concerns 1-11 Enclosure 2 Questions 1-9 Enclosure 3 1. Electrical and I&C Regulations 2. 5% Voltage Drop 3. Diesel Generator Margins 4. Diesel Generator Reliability 5. Electrical Separation	N/A* N/A*			J. W. Hufham to: Hugh Thompson 06/05/85 L44 850605 803	*Enclosures 1 and 2 were addressed in the 06/05/85 TVA response
			XX-85-122-001	EN	20100		
			XX-85-122-002	EN	20100		
			XX-85-122-003	EN	20100		
			WI-85-100-001	EN	20100		
			XX-85-122-004	OP	30202		
			XX-85-122-005	OP	30202		
			XX-85-122-006	EN	20100		
			XX-85-122-007	EN	24300		
			WI-85-100-002	EN	20100		
			XX-85-122-008	OP	30102		
			XX-85-122-009	OP	30102		
			XX-85-122-010	OP	30102		
			WI-85-100-003	OP	30102		
			XX-85-122-001	EN	24200		
			XX-85-122-012	EN	24200		
			XX-85-122-013	EN	24200		
			WI-85-100-004	EN	24200		

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS
NRC Allegations 05/16/85 05/16/85	Hugh Thompson to H. G. Farris 05/16/85 A02 850517001	6. Environmental:	XX-85-122-014	EN	21000		
		Qualification:	XX-85-122-015	EN	21000		
			XX-85-122-016	FN	21000		
			WI-85-100-005	EN	21000		
		7. Class 1E	XX-85-122-017	EN	22500		
		Batteries	XX-85-122-018	EN	22500		
			XX-85-122-019	EN	22500		
			WI-85-100-006	EN	22500		
		8. Human Factors:	XX-85-122-020	EN	20800		
			XX-85-122-021	EN	20800		
			XX-85-122-022	EN	20800		
			WI-85-100-007	EN	20800		
		9. Out of	XX-85-122-023	OP	30804		
		Service Tags		OP	30904		
		10. Thermal	XX-85-122-024	EN	23700		
		Overload	XX-85-122-025	EN	23700		
			XX-85-122-026	EN	23700		
			WI-85-100-008	EN	23700		
		11. Cable	XX-85-122-027	EN	24000		
		Ampacity	XX-85-122-028	EN	24000		
	XX-85-122-029	EN	24000				
	WI-85-100-009	EN	24000				
12. AC/DC Loads	XX-85-122-030	EN	21300				
		EN	24300				
	XX-85-122-031	EN	21300				
		EN	24300				
	XX-85-122-032	FN	21300				
		EN	24300				
	WI-85-100-010	EN	21300				
		EN	24300				

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS
NRC Allegations 05/16/85	Hugh Thompson to H. G. Parris 05/16/85 A02 850517001	13.	Cable Tray Fill	WI-85-100-011	EN	23800	
		14.	Cable Pull Tension	WI-85-100-012	CO	10900	
		15.	Cable Bend Radii	WI-85-100-013	CO	10900	
		16.	Computer Cable Routing	WI-85-100-014	EN	23900	
		17.	Cable Trays Heavy	WI-85-100-015	EN	23800	
		18.	Cable Megger Records	WI-85-100-016	QA	80504	
		19.	G-Specs	WI-85-100-017	EN	20400	
		20.	Electrical Testing	WI-85-100-018	EN	21300	
		21.	Electrical Standards Treated As Guides	WI-85-100-019	EN EN	20100 21300	
		22.	Electrical Design Criteria is Inadequate	WI-85-100-019	EN EN	20100 21300	
		23.	Cable Routing	WI-85-100-020	CO	10900	
		24.	Breaker Setting	WI-85-100-021	EN	23700	
		25.	Cable Trays Are Full	WI-85-100-015	EN	23800	
		26.	Wall Penetra- tions	WI-85-100-002	CO	19200	

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS	
NRC Allegations 05/16/85	Hugh Thompson to H. G. Parris 05/16/85 A02 850517001	27. Lighting	WI-85-100-023	EN	22600			
		Fixtures						
		28. Unistrut	XX-85-122-033	EN	22800			
		Material	XX-85-122-034	EN	22800			
				XX-85-122-035	EN	22800		
				WI-85-100-024	EN	22800		
		29. FSAR Commit-	WI-85-100-025	MP	70605			
		ments		QA	80000			
		30. Personnel	WI-85-100-026	MP	70605			
		don't follow		QA	80000			
		regulations						
		31. Inadequate	WI-85-100-027	EN	20700			
		Safety						
		Evaluations						
		32. Attitude	WI-85-100-028	MP	70605			
		Problem						
		33. Too Many	WI-85-100-029	MP	70000			
		Craft						
		34. Lack of	WI-85-100-028	MP	70605			
		Knowledge						
		35. Lack of	WI-85-100-030	MP	71000			
		Visits						
		36. Communication:	WI-85-100-030	MP	71000			
		Problems						
		37. Procurement	WI-85-100-031	QA	80101			
		Specs		QA	80205			
		38. Construction	WI-85-100-032	CO	11200			
		Process						
		39. QC Inspection:	WI-85-100-033	QA	80203			
		Engineering	WI-85-100-034	EN	20300			
		Inadequate						



SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS
NRC Allegations 05/16/85	Hugh Thompson to H. G. Parris 05/16/85 A02 850517001	41. Improper Reporting of Events	XX-85-122-036	OP	30708		
			XX-85-122-037	QA	80403		
			XX-85-122-038	OP	30708		
		42. Configuration Control	WI-85-100-035	OP	30708		
			XX-85-122-039	MP	71000		
			XX-85-122-040	MP	71000		
			XX-85-122-041	MP	71000		
			WI-85-100-036	MP	71000		
			WI-85-100-037	EN	20100		
		43. Lack of Traceability	44. Design Drawings	WI-85-100-038	EN	20100	
					EN	20400	
		45. Material Control	XX-85-122-042	QA	80504		
			XX-85-122-043	QA	80504		
			XX-85-122-044	QA	80504		
			WI-85-100-039	QA	80504		
			46. Storage	IN-85-291-001	MC	40300	
				IN-85-624-003	MC	40300	
		SQP-85-004-003		MC	40300		
		WI-85-091-014		MC	40300		
		XX-85-122-046		MC	40400		
		XX-85-122-047		MC	40400		
		XX-85-122-045		MC	40400		
		WI-85-100-040		MC	40400		
		IN-85-443-002		MC	40400		
		IN-85-845-003		MC	40400		
		IN-85-927-X01	MC	40400			
		IN-85-288-001	CO	11100			
XX-85-094-007	CO	17100					
47. Handling of Equipment	XX-85-122-045	MC	40400				
	XX-85-122-046	MC	40400				
	XX-85-122-047	MC	40400				
	WI-85-100-040	MC	40400				

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS	
NRC Allegations 05/16/85	Hugh Thompson to H. G. Parris 05/16/85 A02 050516001	48. Equipment Receipt	HI-85-077-N12	MC	40800			
			IN-85-145-001	MC	40800			
			IN-85-369-001	MC	40800			
			IN-85-570-001	MC	40800			
			IN-85-606-001	MC	40800			
			IN-85-011-001	MC	40800			
			IN-85-336-002	MC	40300			
			IN-85-336-003	MC	40200			
			IN-85-282-001	MC	40600			
			IN-85-443-002	MC	40400			
			IN-85-845-003	MC	40400			
			IN-85-927-X01	MC	40400			
			XX-85-122-046	MC	40400			
			XX-85-122-047	MC	40400			
			XX-85-122-045	MC	40400			
			WI-85-100-040	MC	40400			
			WI-85-100-041	EN	20100			
			49. Commitment Tracking					
		50. Good Status System	XX-85-122-048	MP	71000			
			XX-85-122-049	MP	71000			
XX-85-122-050	MP		71000					
WI-85-100-042	MP		71000					

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS			
NRC Allegations 05/16/85	Hugh Thompson to H. G. Parris 05/16/85 A02 850516001	48. Equipment Receipt	HI-85-077-N12	MC	40800					
			IN-85-145-001	MC	40800					
			IN-85-369-001	MC	40800					
			IN-85-570-001	MC	40800					
			IN-85-606-001	MC	40800					
			IN-85-011-001	MC	40800					
			IN-85-336-002	MC	40300					
			IN-85-336-003	MC	40200					
			IN-85-282-001	MC	40600					
			IN-85-443-002	MC	40400					
			IN-85-845-003	MC	40400					
			IN-85-927-X01	MC	4040G					
			YX-85-122-046	MC	40400					
			XX-85-122-047	MC	40400					
			XX-85-122-045	MC	40400					
			WI-85-100-040	MC	40400					
			WI-85-100-041	EN	20100					
			49. Commitment Tracking							
			50. Good Status System			XX-85-122-048	MP	71000		
						XX-85-122-049	MP	71000		
XX-85-122-050	MP	71000								
WI-85-100-042	MP	71000								

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS	
NRC Allegations 05/16/85 05/16/85	Hugh Thompson to H. G. Parris 05/16/85 A02 850517 001	51. Project Engineering Inadequate	WI-85-100-034	EN	20302			
				EN	20303			
			WI-85-100-038	EN	20104			
				EN	2010C			
				EN	20404			
			WI-85-100-019	EN	20103			
				EN	20104			
				EN	21303			
			52. Calculation Problems	WI-85-100-043	EN	20100		
					EN	20500		
			53. Design Criteria Inactivated	WI-85-100-044	EN	20100		
					EN	20400		
			54. As-Built Drawings	WI-85-100-045	EN	20600		
			55. Vendor Calculations	WI-85-100-046	EN	20400		
		56. Independent Design Reviews	WI-85-100-047	EN	20400			
		57. QA Audits	WI-85-100-048	QA	80103			
		58. Design Changes	ECTG-2	EN	TBD			
		59. Lack of Account- ability	WI-85-100-049	MP	70605			
		60. QA Blame	WI-85-100-050	MP	70605			
		61. Commitment System	WI-85-100-051	MP	70800			
		62. Effective Communication:	WI-85-100-052	EN	20400			
				MP	71000			
		63. Defensive Attitudes	WI-85-100-053					
		64. Equipment Storage	XX-85-122-045	MC	40400			
	XX-85-122-046	MC	40400					
	XX-85-122-047	MC	40400					
	WI-85-100-040	MC	40400					

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS
NRC Allegations 05/16/85	Hugh Thompson to H. G. Parris 05/16/85 A02 850517001	65. QCIR/IRN Status 66. ECM Closeout	WI-85-100-054 WI-85-100-055	QA EN	80401 20400		

**Allegations - Group 2**

**Subject: NRC Allegations 5/01/86**

**Source Document: John A. Olshinski to  
S. A White 5/01/86**

**Revision 0  
11/19/86**

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS
NRC Allegations 05/01/86	John A. Olshinski to S. A. White 05/01/86 A02 860505 008	RII-85-A-0144	N/A	—	—	Monthly report on status is provided R. L. Gridley to U.S. NRC, Attn: Dr. J. Nelson Grace 08/29/86 L44 860829 804	*Allegations marked N/A are being addressed in Eric Sliger's new Employee Concern Program
		RII-84-A-0187	N/A	—	—		
		RII-86-A-0013	N/A	—	—		
		RII-85-A-0223	N/A	—	—		
		RII-85-A-0064	RII-85-A-0064	OP	31104		
		RII-85-A-0098	N/A	—	—		
		RII-85-A-0135	N/A	—	—		
		RII-85-A-0180	N/A	—	—		
		RII-86-A-0014	RII-86-A-0014	QA	80503		
		RII-85-A-0205	N/A	—	—		
		RII-86-A-0007	RII-85-A-0007	EN	23000		
		(Note: Allegation number in NRC transmittal is shown with both 85 and 86 designator)					

**Allegations - Group 3**

**Subject: NRC Allegations 5/13/86**

**Source Document: John A. Olshinski to  
S. A White 5/13/86**

**Revision 0  
11/19/86**



SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS
NRC Allegations 05/13/86	John A. Olshinski to S. A. White 05/13/86 L44 860516 322	RII-86-A-0022 RII-85-A-0233 RII-86-A-0085 RII-86-A-0109 RII-86-A-0095 RII-85-A-0208 RII-86-A-0110 RII-86-A-0119 RII-85-A-0199 RII-86-A-0116 RII-86-A-0022 RII-86-A-0100	RII-86-A-0022 N/A N/A RII-86-A-0109 RII-85-A-0095 N/A N/A N/A RII-85-A-0199 RII-86-A-0116 Duplication RII-86-A-0100	OP — — MP OP — — — — QA OP — OP	31304 — — 71700 31211 — — — — 80402 30501 — 31304	E. K. Sliger to Those Listed 05/23/86 L12 860523 801	*Allegations marked N/A are being addressed in Eric Sliger's new Employee Concerns Program

**Allegations - Group 4**

**Subject: Hartford Steam Boiler/Health Physics Concerns**

**Source Document: John A. Olshinski to  
S. A White 3/19/86**

**Revision 0  
11/19/86**

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS
Hartford Steam Boiler/Health Physics Concerns	John A. Olshinski to S. F. White 03/19/86 A02 860321 016	Report Number: RII-86-A-0006 and RII-85-A-0162 Concern Numbers: 2850162001 2850162002 2850162003 2850162004 2850162005  2860006001	2850162001 2850162002 2850162003 2850162004 2850162005  2860006001	MC MP QA QA OP WE IH	40100 71600 80202 80101 30803 50800 00000	R. L. Gridley to R. P. Denise: 04/09/86 L44 860409 802  R. L. Gridley to Nelson Grace: 04/15/86 L44 860115 814	

**Allegations - Group 5**

**Subject: Dingell Hearings Transcripts**

**Source Document: R. L. Gridley to  
Those Listed 6/23/86**

**Revision 0  
11/19/86**

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS
Dingell Hearings Transcript	R. L. Gridley to Those listed 06/23/86 L44 860823 800	Page 17 Lines 389-392				R. L. Gridley to Those listed 07/10/86 L44 860710 800	
		A) Welder Certifications	XX-85-049-001 XX-85-049-X03 XX-85-101-006 XX-85-088-003	WE WE WE WE	50100 50100 50100 50500		
		B) Rejected Weld Filler Material	IN-85-284-001	WE	50300		
		Pages 105-106 Lines 2463-2468					
		A) Interim Reports	1. PH-85-027-001 PH-85-027-002 PH-85-027-003 PH-85-027-004 PH-85-027-005 IN-86-032-001 IN-86-032-002 IN-85-584-002 2. IN-86-068-001 3. IN-85-458-001 IN-85-767-003 PH-85-040-001 WI-85-041-008 4. XX-85-027-X04 5. XX-85-071-001 XX-85-071-002 6. PH-85-012-X03 7. IN-85-887-001 NS-85-001-X03 WI-85-013-001 WI-85-030-004 WI-85-041-003	WE WE GN WE QA WE WE WF OP WE WE WE MC MP MP IH QA QA QA QA QA QA	50600 50800 00000 50600 80203 50600 50600 50700 30104 50700 50700 50600 50700 40700 70601 70601 00000 80202 80201 80401 80301 80101 80000		

**Allegations - Group 6**

**Subject: Dallas Hicks Letter**

**Source Document: B. J. Youngblood to  
S. A. White 2/18/86**

**Revision 0  
11/19/86**

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS
Dallas Hicks Letter 11/7/85	B. J. Youngblood to S. A. White 02/18/86 A02860224020	E-O Pg. 1 :(1) Ineffective :Reorganization	: Multiple : Concerns (#1) : IN-86-095-001 : PH-85-056-X02 : WI-85-086-001 : WI-85-086-002 : WI-85-086-003 : WI-85-086-004 : WI-85-090-002 : WI-85-090-003 : XX-85-113-001 : XX-85-113-002 : XX-85-113-003 : XX-85-119-001 : WT-85-100-026	: MP : QA : QA : QA : QA : QA : QA : QA : QA : QA : QA : QA : QA : MP : QA	: 70700 : 80110 : 80110 : 80110 : 80110 : 80110 : 80110 : 80110 : 80110 : 80110 : 80110 : 80110 : 80110 : 70605 : 80000	: R. L. Gridley : to B. J. : Youngblood : 05/15/86 : L44 860515 803	: (#1) This : subcategory : deals with many : concerns : related to : organization.
		: E-O Pg 1 :(2) Safety, : Nuclear written : but not following : safety policy	: WI-85-100-026 : WI-85-100-048 : WI-85-100-049	: MP : QA : MP	: 70605 : 80103 : 70605		
		: E-O Pg 1 :(3) Other, : personnel lying & : misrepresentation : to press	: WI-85-100-026 : WI-85-100-048 : WI-85-100-049	: MP : QA : MP	: 70605 : 80103 : 70605		
		: E-O Pg 1 :(4) mgmt., delay : in admitting : problems and : resolving them	: WI-85-100-026 : WI-85-100-048 : WI-85-100-049	: MP : QA : MP	: 70605 : 80103 : 70605		

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS
Dallas Hicks Letter 11/27/85	B. J. Youngblood to S. A. White 02/18/86 A02860224020	E-0 Pg 1 :(5) Lack of :reality in :projected :operations date	WI-85-100-042	MP	71000		
		E-0 Pg 2 :(6) Safety, NSRS :needs to remain :independent	To Be determined				
		E-0 Pg 2 :(7) Mgmt. :arrogant; inept; :lacks compre- :hensive of the :problems they :face; un- :realisticctically :optomistic; :blatent dis- :respect for :rules and regula- :tions	WI-85-100-028 WI-85-100-049	MP MP	70605 70605		
		E-2 Pg 1 :(8) Mgmt. Safety :Mgmt. of NSRS :ignored recomend :of some members :of staff, no :action taken, no :notification of :TVA board or NRC	WI-85-100-036	MP	71200		



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Dallas Hicks letter 11/27/85	B. J. Youngblood to S. A. White 02/18/86 A02860224020	E-2 Pg 1 (9) Safety Licensing significant/no significance	WI-85-100-026 WI-85-100-027 WI-85-100-028	MP QA EN MP	70605 80000 20700 70605		
		E-2 Pg 1 (10)NRC licensing NRC negligent, favoritism	WI-85-100-057 XX-85-122-052	NU MP	00000 71600		
		E-2 Pg 2 (11) NRC needs more staff	WI-85-100-057 XX-85-122-052	NU MP	00000 71600		
		E-2 Pg 2 (12) NRC Mgmt NRC inspectors hired by TVA not ethical	WI-85-100-057 XX-85-122-052	NU MP	00000 71600		

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Dallas Hicks Letter 11/27/86	B. J. Youngblood to S. A. White 02/18/86 A02860224020	E-2 Pg 2	WI-85-100-019	EN		20100	
		(13) Engr.	WI-85-100-044	EN		21300	
		downgraded design				20100	
		requirements				20400	
		E-2 Pg 3	WI-85-100-056	MP		71600	
		(14) Safety	XX-85-122-051	MP		71600	
		findings ignored					
		E-2 Pg 3	XX-85-122-014	EN		21000	
		(15) Engr.	XX-85-122-015	EN		21000	
		environment &	XX-85-122-016	EN		21000	
		seismic problems	WI-85-100-005	EN		21000	
		E-2 Pg 3	ECTG-4	EN		TBD	
		(16) Engr. Mgmt. WBN not like SQN Dsgn.					
E-2 Pg 3	WI-85-100-040	MC		40400			
(17) Other, dirt	XX-85-122-045	MC		40400			
construction	XX-85-122-046	MC		40400			
behind schedule	XX-85-122-047	MC		40400			
E-2 Pg 4	WI-85-100-042	MP		71000			
(18) Engr. behind schedule, misrepresented							

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Dallas Hicks Letter 11/27/85	B. J. Youngblood to S. A. White 02/18/86 A02860224020	E-2 Pg 4 (19) Engr. Mgmt. incompetent, mgmt. for control & wiring design N00860722018	Multiple Concerns (*2)	MP	71700		(* This sub-category deals with many concerns related to personnel qualifications.
		E-2 Pg 4 (20) Mgmt. Engr. ignored re-commendations stopped NSRS on BLN	To be determined				

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Dallas Parks Letter 11/27/85	B. J. Youngblood to S. A. White 02/18/86 002860224020	E-2 Pg 4	WI-85-100-047	EN	20400		*(3) This sub- category deals with multiple concerns related to personnel qualifications.
		(21) Engr., NGRS MGR ignored recommendations of staff BIN had problems engineering incompetent	Multiple Concerns (*1)	MP	71700		
		E-2 Pg 5	WI-85-100-036	MP	71000		
		(22) Engr. - Browns Ferry as built different from design. Cable config. not known	WI 85-100-037 WI 85-100-038 WI 85-100-045 XX 85-122-039 XX 85-122-040 XX 85-122-041	EN EN EN EN EN EN	20100 20100 20600 20600 20600 20600		
		E-2 Pg 5	WI-85-100-036	MP	71000		
		(23) Engr. licensing BFN built trial & error-regs later updates & changes delayed by IVA	WI-85-100-037 WI-85-100-038 WI-85-100-045 Above applicable in part	EN EN EN	20100 20100 20600		
		E-2 Pg 5	XX 85-122-014	EN	21000		
		(24) Engr. Equip. Qual. design trial & error design deficiencies	XX 85-122-015 XX 85-122-016 WI 85-100-005	EN EN EN	21000 21000 21000		

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Dallas Hicks Letter 11/27/85	B. J. Youngblood to S. A. White 02/18/86 002860224020	E-2 Pg. 6 (25) Mgmt IC Leadership TVA Lack of Account No personnel penalties for poor work, lying, misrepresenting, harassment.	WI-85-100-028 WI-85-100-049	MP MP	70605 70605		
		E-2 Pg. 6 (26) QA Mgmt TVA-Job not right first time QA no authority QA not independent	WI-58-100-048 WI-85-100-050	QA MP	80103 70605		
		E-2 Pg. 6 (27) Engr. Mgmt Design Engineers not at site enough mgmt. doesn't look at quality and ignorant of it. feedback needed.	WI-85-100-030 WI-85-100-052 WI-85-100-053	MP EN MP MP	71000 00000 71000 71500		
		E 2 Pg. 7 (28) Safety Mgmt. NSRS should have authority indep. should follow Problems to resd. problems were getting worse	to be determined				

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Dallas Hicks letter 11/27/85	B. J. Youngblood to S. A. White 02/18/86 A02B60224020	E-2 Pg. 7 (29) Other on hip ade problems: mitting or ing up problems NOC# 072230	WI-85-100-028 WI-85-100-053	MP MP	70605 71500		
		E-2 Pg. 7 (30) Mgmt TVA Nuclear Program began with little experience with nuclear	WI-85-100-034	EN EN	20302 20303		
		E-2 Pg. 7 (31) Engr. Mgmt. did not hire outsiders with nuclear experience needed massive numbers and didn't hire them. Still lacks nuclear experience	WI-85-100-034	EN EN	20302 20303		
		E-2 Pg. 7 (32) Licensing mgmt. policy and Inter. Regs been centralized Requirements not followed because of lack of knowledge	WI-85-100-026 WI-85-100-027	MP QA EN	70605 80000 20300		

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Dallas Hicks letter 11/27/85	R. J. Youngblood to S. A. White 02/18/86 A02860224020	E-2 Pg. 8 (33) Engr. Mgmt. TVA People lack E.E. & Mgmt. experience and nuclear too specialized	Multiple Concerns (#4)	MP	71700		* (4) This subcategory deals with multiple concerns related to personnel qualifications.
		E-3 Pg 1 (34) Engr. other 400 to 500 circ: its with incorrect breaker settings, no protection in some areas	WI-85-100-021	EN	23700		
		E-3 Pg. 1 (35) Engrg Incorrect Cals of ampacities tray overfilled cable bending limits exceeded	WI-85-100-009 WI-85-100-011 WI-85-100-013 XX-85-122-027 XX-85-122-028 XX-85-122-029	EN EN CO EN EN EN	24000 23800 10900 24000 24000 24000		
		E-3 Pg. 1 (36) Engrg Licensing Reg misinterpretation thermal overloads bypass and indication problems	WI-85-100-008 WI-85-122-025 WI-85-122-024 WI-85-122-026	EN EN EN EN	23700 23700 23700 23700		

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Dalls Hicks letter 11/27/85	B. J. Youngblood to S. A. White 02/18/86 A02R60224020	E-3 Pg. 1 (37) Safety licensing evaluations inadequate	WI-85-100-027 WI-85-100-043 WI-85-100-047	EN EN EN	20700 20500 20400		
		E-3 Pg. 1, E-4 Pg. 2 (38) Engrg O&M Diesel Generator Capacity problems Management Control & Status of AC & DC Loads Diesel and Gen.	WI-85-100-003 WI-85-100-002 XX-85-122-006 XX-85-122-007 XX-85-122-008 XX-85-122-009 XX-85-122-010 XX-85-122-030 XX-85-122-031 XX-85-122-032	OP EN, EN EN, EN EN, EN OP OP OP EN, EN EN, EN EN, EN	30102 20100, 24300 24300, 20105 20105, 24300 30107 30102 30102 24300, 21301 24300, 21301 21301, 24300		
		E-3 Pg. 2 (39) Licensing Engr. TVA not met Reg. Guides Engrg criteria en des stds.	WI-85-100-019	EN EN EN	20103 21303 20104		
		E-3 Pg. 2 (40) other too many crafts & others on site not working	WI-85-100-029	MP	70000		
		E-3 Pg. 2 (41) safety licen: -sing TVA thought: erroneously ISAR & SFR don't have to be met & TVA can decide if non: -compliance is reportable NOC75982-342	WI-85-100-025	MP QA	70605 80000		



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Dallas Hicks Letter 11/27/85	B. J. Youngblood to S. A. White 02/18/86 A02860224020	E-3 Pg. 2 (42) Engr, other, QA cables in trays coated with fire retardant filling tray cables should be derated	WI-85-100-015	EN	23800		
		E-3 Pg. 2 (43) O&M Equipment & plan' in poor condition and dirty	WI-85-100-040 XX-85-122-045 XX-85-122-046 XX-85-122-047	MC MC MC MC	40400 40400 40400 40400		
		E-3 Pg. 2 (44) Engr other cable penetrations no number or I.D.	WI-85-100-022	CO	19200		
		E-3 Pg. 2 (45) Unistrut channel supports improperly used causing qualif. problems don't support, i.e., batteries adequate	WI-85-100-006 WI-85-100-024	EN EN	22500 22800		
		E-3 Pg. 2 (46) Mgmt, Engr Too many chiefs many with inadequate backgrounds	Multiple Concerns (#5)	MP	71700		*(5) This sub-category deals with multiple concerns related to personnel qualifications.

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Dallas Hicks letter 11/27/85	B. J. Youngblood to S. A. White 02/18/86 A02R60224020	E-3 Pg. 2 (47) Mgmt, Engr. leadership communications problems between En Des, construc. & various power offices, not enough meetings	WI-85-100-052 WI-85-100 053 WI-85-100-028	EN, MP MP MP	20408, 71000 71500 70605		
		E-3 Pg. 3 (48) Mgmt, Engr. O&M lack of accurate records of equip. status.	WI-85-100-042 XX-85-122-048 XX-85-122-049 XX-85-122-050	MP MP MP MP	71000 71000 71000 71000		
		E-3 Pg. 3 (49) Engr., Other lack acceptance criteria	WI-85-100-018 WI-85-100-031 XX-85-122-042 XX-85-122-043 XX-85-122-044	FN QA, QA QA QA QA	21300 80101, 80205 80504 80504 80504		
		E-3 Pg. 3 (50) Engr., Other voltage reduction problems at all plants. All plants should be redesigned.	XX-85-122-004 XX-85-122-005	OP OP	30202 30202		
		E-3 Pg. 3 (51) Engr., O&M operability, maintainability testability are not adequate	WI-85-100-018 WI-85-100-034	FN FN	21300 20300		

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Dallas Hicks letter 11/27/85	B. J. Youngblood to S. A. White 02/18/86 A72860224020	E-3 Pg. 3 (52) Engr., O&M need strict load management of class, i.e., diesel generators and batteries.	WI-85-100-010 XX-85-122-030 XX-85-122-031 XX-85-122-032	EN, EN EN, EN EN, EN EN, EN	21300, 24300 21300, 24300 21300, 24300 21300, 24300		
		E-3 Pg. 3 (53) Engr., other punch lists not maintained erroneous reporting of construction status	WI-85-100-042 XX-85-122-048 XX-85-122-049 XX-85-122-050	MP MP MP MP	71000 71000 71000 71000		
		E- Pg. 3 (54) Engr., qualification & inspection of cable tray supports.	WI-85-100-024 WI-85-100-006	EN EN	22800 22500		
		E-3 Pg. 3 (55) Safety Engr. QA, Licensing lack of adequate safety & licensing eval. of designs	WI-85-100-027 WI-85-100-043 WI-85-100-047	EN EN EN	20700 20500 20400		

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Dallas Hicks letter 11/27/85	B. J. Youngblood to S. A. White 02/18/86 A02860224020	E-3 Pg. 3 (56) E. gr. Lack of Design & Construction criteria, lack of design control lack of config. control, lack of traceability of requirements	WI-85-100-036 WI-85-100-037 WI-85-100-038 WI-85-100-039 WI-85-100-042 XX-85-122-039 XX-85-122-040 XX-85-122-041	MP EN EN QA MP MP MP	71000 20100 20100 80504 71000 71000 71000 71000		
		E-3 Pg. 4 (57) QA, Engr., Other problems with spec. approvals incomplete records lack of QC inspection of equip., receipt not timely	WI-85-100-031 WI-85-100-033 WI-85-100-039 XX-85-122-042 XX-85-122-043 XX-85-122-044	QA, QA QA QA QA QA QA	80101, 80205 80203 80504 80504 80504 80504		
		E-3 Pg. 4 (58) Engr., Mgmt. QA, other violation of hold tagging procedure	XX-85-122-023	OP OP	30804 30904		
		E-3 Pg. 4 (59) Engr. Design Changes are not controlled or evaluated adequately. Change impact not evaluated	WI-85-100-055	EN	20400		

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Dallas Hicks Letter 11/27/85	B. J. Youngblood to S. A. White 02/18/86 A02860224020	E-3 Pg. 5 (60) CCIS need commitment action tracking system	WI-85-100-051 WI-85-100-025 WI-85-100-041 XX-85-122-048 XX-85-122-049 XX-85-122-050	MP MP, QA EN MP MP MP	70800 70605, 80000 20100 71000 71000 71000		
		E-3 Pg. 5 (61) Licensing, Engr, O&M, Mgmt. Ignorance by IVA of Nuclear Indus. experience and information	WI-85-100-034 WI-85-100-001	EN EN EN MP	20302 20303 20101 71700		
		E-3 Pg. 5 (62) Engr. Lack of commun. within engineer. design organization protective & defensive attitudes within Nuclear Engr. Branch	WI-85-100-028 WI-85-100-030 WI-85-100-052 WI-85-100-053	MP MP EN, MP MP	70605 71000 00000, 71000 71500		
		E-3 Pg. 5 (63) Engr., QA lack of frequent & effective QA audits of IN DES to follow proc., regs., criteria, SAR & SER commitments, etc.	WI-85-100-019 WI-85-100-048 WI-85-100-050 XX-85-122-001 XX-85-122-002 XX-85-122-003	EN, EN QA MP EN, MP EN, MP EN, MP	20100, 21300 80103 70605 20100, 70600 20100, 70600 20100, 70600		

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	FCSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS
Dallas Hicks letter 11/27/85	B. J. Youngblood to S. A. White 02/18/86 NO2860224020	E-3 Pg. 5 (64) O&M safety related equipment not stored in areas with fire protection & correct environ.	WI-85-100-039 WI-85-100-040 XX-85-122-045 XX-85-122-046 XX-85-122-047	QA MC MC MC MC	80504 40400 40400 40400 40400		
		E-3 Pg. 5 (65) O&M untimely closing of FCNs status of FCNs not tracked adequately	WI-85-100-055	FN	20400		
		E-4 Pg. 1 (66) Engr., Safety, Licensing diesel generator margins inadequate lack of licensing docs diesel generator reliability problems	WI-85-100-002 WI-85-100-003 XX-85-122-006 XX-85-122-007 XX-85-122-008 XX-85-122-009 XX-85-122-010 XX-85-122-030 XX-85-122-031 XX-85-122-032	FN, FN OP FN, FN FN, FN OP OP OP FN, FN FN, FN FN, FN	20100, 24300 30102 20100, 24300 20100, 24300 30102 30102 30102 21300, 24300 21300, 24300 21300, 24300		
		E-4 Pg. 1 (67) Eng. Safety Electrical separation of redundant wiring is inadequate at all Nuclear plants	WI-85-100-004 XX-85-122-011 XX-85-122-012 XX-85-122-013	FN FN FN FN	24200 24200 24200 24200		

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Dallas Hicks Letter 11/27/85	B. J. Youngblood to S. A. White 02/18/86 A02860224020	E-4 Pg. 2 (68) Ingr., O&M Human factors engineering of control panels at WBN & other plants NUREG-0700	WI-85-100-007 WI-85-122-020 WI-85-122-021 WI-85-122-022	EN EN EN EN	20800 20800 20800 20800		
		E-4 Pg. 2 (69) Other out of service tags violated everywhere	XX-85-122-023 SQP-6-010-001 IN-85-714-001	OP, OP SF SF	30804, 30904 90600 90600		
		E-4 Pg. 2 (70) Engr., QA computer cable routing & status cable megger readings not stored as QA records.	WI-85-100-014 WI-85-100-016	EN QA	23900 80504		
		E-4 Pg. 2 (71) Engr. Other construction G-Specs and IT testing & planning	WI-85-100-017 WI-85-100-018	EN EN	20400 21300		

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Dallas Hicks Letter 11/27/85	B. J. Youngblood to S. A. White 02/18/86 A02R60224020	E-4 Pg. 3 (72) Engr., Other QA poor cable routing & configuration coiled on floor, tied to bottom of trays, etc. greater than 90° cable bends	WI-85-100-013 WI-85-100-020	CO CO	10900 10900		
		E-4 Pg. 3 (73) Engr., Other lighting fixtures at WBN, not prevented from becoming missiles during seismic	WI-85-100-023	IN	22600		
		E-4 Pg. 4 (74) CCTS licensing TVA commitments to NRC are not being met	WI-85-100-025 WI-85-100-026 WI-85-100-041 WI-85-100-051 XX-85-122-048 XX-85-122-049 XX-85-122-050	MP, QA MP, QA EN MP MP MP	70605, 80000 70605, 80000 20100 70800 71000 71000 71000		
		E-4 Pg. 4 (75) Engr., licensing, safety TVA safety & licensing inadequate - cover up	WI-85-100-027 WI-85-100-043	IN EN	20700 20500		



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Dallas dicks letter 11/27/85	B. J. Youngblood to S. A. White 02/18/86 A02860224020	E-4 Pg. 4 (76) Other procurement specs. don't match delivered product. Deliveries not inspected until ready to install	WI-85-100-031 WI-85-100-033 WI-85-100-039 XX-85-122-042 XX-85-122-043 XX-85-122-044	QA, QA QA QA QA QA QA	80101, 80205 80203 80501 80504 80504 80504		
		E-4 Pg. 4 (77) Engr., Other QA. Construction does not always follow design requirements changes not on as built. QA/QC inspec. is inadequate.	WI-85-100-032 WI-85-100-033 WI-85-100-045	CO QA FN	11200 80203 20600		
		E-4 Pg. 4 (78) O&M Licensing, Other improperly reporting of events to NRC because of lack of knowledge.	WI-85-100-035 XX-85-122-036 XX-85-122-037 XX-85-122-038	OP OP OP OP	30708 30708 30708 30708		

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Dallas Hicks letter 11/27/85	B. J. Youngblood to S. A. White 02/18/86 A02860224020	E-4 Pg. 5 (79) Engr., Lack of traceability of design requirements, poor interface control between systems & organ.	WI-85-100-036 WI-85-100-037 WI-85-100-038 WI-85-100-039 XX-85-122-039 XX-85-122-040 XX-85-122-041	MP EN EN QA MP MP	71000 20100 20100 80504 71000 71000 71000		
		E-4, Pg. 5 (80) Engr. Design drawings do not always include all design reqmts. Design guides & Reqmts are applied inconsistent	WI-85-100-019 WI-85-100-038	EN, EN EN	20100, 21300 20100		
		E-4, Pg. 5 (81) Other QA poor material control QA paper work not satis. inspection of equip. not satisfactory NQC860722082	WI-85-100-033 WI-85-100-039 XX-85-122-042 XX-85-122-043 XX-85-122-044	QA QA QA QA QA	80203 80504 80504 80504 80504		
		E-4 Pg. 5 (82) Engr., QA does not verify vendor calcs & designs does not have Inc. review of IVA staff designs QA not audit design & construction	WI-85-100-043 WI-85-100-046 WI-85-100-047 WI-85-100-048	EN EN EN QA	20500 20400 20400 80103		

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Dallas Hicks Letter 11/27/85	B. J. Youngblood to S. A. White 02/18/86 AO2860224020	E-4 Pg. 6 (83) Mgmt., no accountability for following procedures, reqs. and satisfactory job	WI-85-100-001 WI-85-100-049 XX-85-122-001 XX-85-122-002 XX-85-122-003	EN, MP MP EN, MP EN, MP EN, MP	20100, 71700 70605 20100, 70600 20100, 70600 20100, 70600		
		E-5 Pg. 1 (84) Engr. Cable trays overfilled & fire retardant overused struts supporting conduits	WI-85-100-015 WI-85-100-024 XX-85-122-033 XX-85-122-034 XX-85-122-035	EN EN EN EN EN	23800 22800 22800 22800 22800		
		E-6 Pg. 6 (cat 37 find 112) (85) Engr. Safety Black & Veatch Cat. 37, Find 112 Valve circo alloy lights to dist or park reduced voltage sneak circuit be removed Eng. Design reluctant to agree	ECIG-3	EN	180		

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Dallas Hicks Letter 11/27/85	B. J. Youngblood to S. A. White 02/18/86 A02869274020	E-6 Pg. 10 Cat 38 Findings F108 & F122 (86) Black & Veatch Task Force Cat 38, Findings F.08 & F122. Do thermal overload bypass circuit heat requirements of commitments to Reg. Guide 1.106 & IEEE 279-1971 IVA should modify circuits to be in strict compliance with Reg. Guides 1.106 & 1.47. IVA is respon. for meeting regs. NQC860722093	WI 85-100 008 XX-85-122-024 XX 85-122 025 XX-85-122 026	FN FN FN FN	23700 23700 23700 23700		
		E-2 Pg. 5 (87) Documentat. poor docu. & records. lack of knowledge of what is available & where located.	WI-85-053-011	MC	40200		
		F-4 Pg. 2 (88) Engr., & Const., QA Cable pull tension monitoring is lax	WI-85-100-012	CO	10900		

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Dallas Picks Letter 11/27/85	B. J. Youngblood to S. A. White 02/18/86 A02860224020	E-5 Pg. 1	WI-85-100-020	CO	10900			
		(89) QA, Other	WI-85-100-022	CO	19200			
		frgr. cables						
		outside trays &						
		on floor struts						
		supporting						
		conduit cable						
		bend RA711						
		cable tray wall						
		penetrations not						
		marked						
		E-5, Pg. 3	WI-85-100-006	FN	22500			
		(90) Engr.,	WI-85-100-024	FN	22800			
		Other, QA	XX-85-122-017	FN	22500			
		conduit fire	XX-85-122-018	FN	22500			
		protect pipe,	XX-85-122-019	FN	22500			
		instrument lines	XX-85-122-033	FN	22800			
		batteries all	XX-85-122-034	FN	22800			
		supported by	XX-85-122-035	FN	22800			
		struts						
		E-5 Pg. 5	WI-85-100-024	FN	22800			
		(91) Engr., Other	XX-85-122-033	QA	80203			
		Material above	XX-85-122-034	FN	20300			
		control room	XX-85-122-035	OP	30708			
		panel supported						
		by struts -						
		incorrect strut						
		support - seismic						
		Generic Problem						
		E-5 Pg. 6	WI-85-100-020	CO	10900			
		(92) Engr., QA						
		Open Cable Trays						
		on exterior of						
		building - why						
		not conduit						

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT IVA CORRESPONDENCE	COMMENTS
Dallas Hicks Letter 11/27/85	B. J. Youngblood to S. A. White 02/18/86 A02860224020	E-5 Pg. 7 (93) Engr. QA Other 8 questions about struts for safety of II/1 (see concern above)	WI-85-100-006 WI-85-100-024 XX-85-122-033 XX-85-122-034 XX-85-122-035				
		E-6 Pg 2 (Finding F137) Cat. 35 (94) Engr. Safety: breaker trip settings Black & Veatch task Force Cat. 35 Finding F137 NSRS believes all breaker settings should be optimized	WI-85-100-027	EN	20700		
		E-4 Pg 6 (95) QA, Records: Lack of Knowledge of status of IRN's	WI-85-100-054	QA	80401		

**Allegations - Group 7**

**Subject: Dallas Hicks Transcript**

**Source Document: B. J. Youngblood to  
S. A. White 6/23/86**

**Revision 0  
11/19/86**

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS
Dallas Hicks Transcript: 2/21/86	B. J. Youngblood to S. A. White 6/23/86 A02 860703 001	Transcript-All Pg 29-30 Lines 24 to 4 No Tracking system for concerns of NSRS	WJ-85-100-042 XX-85-122-042 XX-85-122-049 XX-85-122-050	MP MP MP MP	71000 71000 71000 71000	R. L. Gridley to: W. R. Brown 8/19/86 L44 860819 814	
		Pg 29 Line 19-21 Pg 29 line 14-17 NSRS doesn't have authority it needs to force organization, to correct problems	To Be Determined			R. L. Gridley to: B. J. Youngblood: 9/4/86 L44 860904 800	
		Pg 46 line 25 to Pg 47 line 21 Permanent cable hanging outside trays and energized	WI-85-100-020	CO	10900		
		Pg 56 line 14 to Pg 58 line 10 Also Pg 60 line 20 to Pg 61 line 2 Voltage degradation at plant utilization: Bus. no good permanent fix	XX-85-122-004 XX-85-122-005 XX-85-122-030 XX-85-122-031 XX-85-122-032	OP OP EN EN EN EN	30202 30202 21301 24300 21301 24300		



SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS
Dallas Hicks transcript 2/21/86	B. J. Youngblood to S. A. White 6/23/86 AO2 860703 001	Pg 65 lines 14 to 21 and related on succeeding pages to page 73 line 12, bus loads, voltages not calculated based on actual loads and machines (see also P. 77 lines 1 to 22	XX-85-122-030 XX-85-122-031 XX-85-122-032	EN EN EN EN EN	21301 24300 2101 24300 21301 24300		
		Pg 79 line 15 to Pg 80 line 11	WI-85-100-017 WI-85-100-018	EN EN	20404 21302		
		Test specs inadequate, lack acceptance criteria, final reports on tests not satisfactory					
		Pg 80 line 4 to Pg 82 line 5	WI-85-100-003 XX-85-122-008	CP OP	30102 30102		
		diesel generators not properly maintained and not reliable	XX-85-122-009 XX-85-122-010	OP OP	30102 30102		
		Pg 88 line 14 to 18 also line 1 to 14, page 89 line 1 to line 5 (continued on next page)	WI-85-100-025 WI-85-100-026	MP QA MP QA	70605 80103 70605 80103		

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS
Dallas Hicks Transcript: 2/21/86	B. J. Youngblood to S. A. White 6/23/80 A02 860703 001						
		TVA has many agreements with NRC that are not in writing or at least were not found by the persons in this report. These agreements included NRC Region 2 and NRR. they had to do with cable separations, fire protection, environmental, and appendix R, see also page 90 lines 1 to pg 91 line 4					
		Page 91 lines 6 to 19	WI-85-100-005	EN		21000	
		Equipment	XX-85-122-014	EN		21000	
		procurred but not qualified to be qualified later qualification not done in many cases & not done properly in others. See also Pgs through 97. Pg 98 lines 21 to 24. Receipt inspection not thorough, doesn't	XX-85-122-015 XX-85-122-016	EN EN		21000 21000	

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT IVA CORRESPONDENCE	COMMENTS
Dallas Hicks Transcript 2/21/86	B. J. Youngblood to S. A. White 6/23/86 AO2 860703 001	verify that ordered material to spec was received, documentation					
		Pg 115-116 Line 25 to 11 cable pull tension monitoring not consistent. Cable pulling requirements not adequately defined.	WI-85-100-012	CO	10900		
		Pg 117 lines 5 to 10 cable bending acceptability or non-acceptability of various vendors	WI-85-100-013	CO	10900		
		Pg 118 lines 14 through 18, drawings do not show as built conditions.	WI-85-100-014 WI-85-100-045 XX-85-122-039 XX-85-122-040 XX-85-122-041	EN EN EN EN EN	23900 20601 20600 20600 20600		
		Management is lax for field coordinated changes					

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS
Dallas Hicks Transcript 2/21/86	B. J. Youngblood to S. A. White 6/23/86 A02 860703 OUI	Pg 119 line 4 thru 8 no complete record of cable routing at any plant	WI-85-100-014	EN	23900		
		Pg 118 to 119 line 23 thru 3 can't verify cabling in trays because of protective coating	WI-85-100-015	EN	23803		
		Pg 121 lines 20 thru 2 next page Turnover accepting & constructing is lax, may be problem in pre operational testing and turnover	WI-85-100-018	EN	21302		
		Pg 122 thru 125 line 3 of pg 122 thru line 24 of pg 125. failure to follow design standard	WI-85-100-037	EN	20101		
		commitments to national electric code may have been thru design	WI-85-100-038	EN	20106		
		stds-pg 123 line 6 to 8		EN	20104		
				EN	20106		
				EN	20404		

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Dallas Hicks Transcript 2/21/86	B. J. Youngblood to S. A. White 6/23/86 AO2 860703 001	Pg 127 line 7 & 8 : TVA Personnel were uninforme requirements for breaker settings.	WI-85-100-021	EN	22700		
		Pg 127 line 10 thru 25 penetra- tions of wall, floor identifica- tion lost.	WI-85-100-022	CO	19200		
		Pg 129 line 23 thru pg 130 line 10 wire in penetrations corroding sealant break down, wrong penetrations	ECTG - 6	EN	TBD		
		Pg 150 line 22 to 1 NRC did not always review all material they received	Not applicable to TVA				
		Pg 155 line 16 to 22 fuel on site too soon. Security Problems Security lax	ECTG - 5	OP	TBD		

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCL HN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT IVA CORRESPONDENCE	COMMENTS
Dallas Hicks Transcript 2/21/86	B. J. Youngblood to S. A. White 6/21/86 AO2 860701 001	Pg 162 lines 8 to 11 support explanation Pg 161 line 25 to 8 changes to drawings not distributed in timely manner, some changes lost, QA not doing its job of catching these.	EX-85-082-002 EX-85-085-001 EX-85-104-002 EX-85-105-002 EX-85-121-004 IN-85-195-001 IN-85-349-003 IN-85-670-002 IN-85-984-001 XX-85-062-003 WI-85-100-045 REF ID: A5 03 XX-85-071-405 WI-85-100-047	CO MP CO MP CO MP MP CO MP MP CO OP IN OP IN QA QA QA EN	11200 71000 11200 71000 11200 71000 71000 11200 71000 71000 11200 30713 20601 30713 20601 80501 80604 80501 20405		
		Pg 162 line 17 thru 23 IVA does not use indepen- dent design reviews					

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS
		:Pg 163 line 10 :thru 16 TVA :design engineers :have no :encouraged inter- :actions with :counterparts in :other utilities :or IEEE to learn :how others are :solving similar :problems	WI-85-100-034	EN EN	20302 20303		
		:Pg 163 line 18 : & 19, need :system for :tracking NRC :experience	WI-85-100-034	EN EN	20302 20303		

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS
Dallas Hicks Transcript: 2/21/86	B. J. Youngblood to S. A. White 6/23/85 AO2 860703 001	Pg 164 Line 11 to: Pg 165 line 1 TVA: not putting TVA experience on INPO network. TVA: not using other network data from: INPO TVA workers not knowing the INPO information	WI-85-100-034	EN	20302		
		Pg 166 line 17 thru 167 line 5 Squad check is not satisfactory substitute for independent design review. Review is "hurry up" and not thorough. Concern: seems to be that design reviews should be held and should include peer in- side and outside organized	WI-85-100-047	EN	20405		



SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS
Dallas Hicks Transcript: 2/21/86	B. J. Youngblood to S. A. White 6/23/86 AO2 860703 001	Pg 167 line 24 thru 168 line 17 as built bus feeders, cables breakers, protec- tive relays not checked against actual installed loads. Instead they are based on assumed loads assumed before equipment was purchased or installed, thus many of these systems may be wrong.	XX-85-122-030	EN EN	21301 24300		
		Pg 168 line 21 thru 169 line 16 traceability of design require- ments has not been addressed. Standard TVA designer can not tell.	WI-85-100-037	EN EN	20101 20106		

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Dallas Hicks Transcript: 2/21/86	B. J. Youngblood to S. A. White 6/23/86 AO2 860703 001	Pg 169 line 19 to: Pg 170 line 12 haphazard use of design STDS requirements written but not implemented. No referenced stand- ards that are followed.	WI-85-100-019	EN EN EN	20103 20104 21303		
		Pg 171 line 8 to Pg 174 line 11 complete lists of all items to be completed by plant to deter- mine % completed, dates of comple- tion work effort etc.	WI-85-100-042	MP	71000		
		Pg 174 line 18 thru Pg 177 line 13 calculations not recorded, not checked, not up- dated etc. Related to NCQ 360722083 but of broader scope	WI-85-100-046 WI-85-100-043	EN EN EN EN	20405 20106 20501 20502 20503		

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS
Dallas	B. J. Youngblood	Pg 181 line 22	WI-85-100-019	EN	20103		
Hicks	to S. A. White	:Thru Pg 182 line		EN	20104		
Transcript:	6/23/86	:12 design docu-		EN	21303		
2/21/86	A02 860703 001	:ments do not	WI-85-100-038	EN	20104		
		:exist in many		EN	20106		
		:cases to verify		EN	20404		
		:the adequacy of					
		:the present plant:					
		:configuration					
		:design and draw-					
		:ings preceeding					
		:pages 178 to 181					
		:have interrelated					
		:material.					
		:Traceability of					
		:design and design:					
		:basis is lost.					
		:Pg 182 line 25	EX-85-082-002	CO	11200		
		:thru Pg 183 line		MP	71000		
		:11 files of as-	EX-85-085-001	CO	11200		
		:built drawings		MP	71000		
		:are not	EX-85-104-002	CO	11200		
		:uniformly ade-		MP	71000		
		:quate, some files:	EX-85-105-002	CO	11200		
		:are not updated		MP	71000		
		:in a timely	EX-85-121-004	CO	11200		
		:manner.		MP	71000		
			IN-85-195-001	MP	71000		
			IN-85-349-003	CO	11200		
				MP	71000		
			IN-85-670-002	MP	71000		
				CO	11200		
			IN-85-984-001	OP	30713		
			XX-85-062-003	EN	20601		
				OP	30713		
			WI-85-100-045	EN	20601		
			DFNIESC-5-03	QA	80501		
				QA	80501		
			XX-85-071-N05	QA	80501		

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS
Dallas Hicks Transcript 2/21/86	B. J. Youngblood to S. A. White 6/23/86 A02 860703 001	Pg 184 line 9 to 10 TVA did not adequately or independently verify vendor calculations or design. Does not even review vendor information. Additional information elaborating above is in Pg 184 line 9 thru Pg 185 line 24	WI-85-100-031 WI-85-100-046	QA EN	80222 20405		
		Pg 188 line 22 thru 25 Black & Veatch review should have checked that TVA used appropriate standards and not what they said they were going to do.	Not applicable to TVA				

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS
Dallas Hicks Transcript: 2/21/86	B. J. Youngblood to S. A. White 6/23/86 A02 860703 001	Pg 189 Line 11 Thru 12 Discussion applies Pg 189 Thru 193 line 20 QA has not effectively audited design and construction process.	WI-85-100-048	QA	80112		
		Pg 193 line 10 thru line 13 Management prob- lem that "people are not required to formally assess the impacts of changes" (This is a different management problem from others addressed in other allegations).	ECTG-2	EN	TBD		

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS
Dallas Hicks Transcript: 2/21/86	B. J. Youngblood to S. A. White 6/23/86 AO2 860703 001	Pg 194 line 1 thru line 6 Management problem things done wrong, procedures not followed, regula- tions not imple- mented, people at fault not always identified and held accountable.	WI-85-100-001 WI-85-100-049 XX-85-122-001 XX-85-122-002 XX-85-122-003	EN 20101 MP 71700 MP 70605 EN 20101 MP 70600 EN 20101 MP 70600 EN 20101 MP 70600			
		Pg 194 line 12 thru line 19 NEB Generally does not act as in independent party to shall- enge positions, but acts to get things railroaded through.	WI-85-100-027 WI-85-100-053	EN MP	20702 71500		
		Pg 195 line 3 thru Pg 196 line 3 equipment not stored in correct environment or with proper fire protection, also violations of ANSI STD 45.2	WI-85-100-040	MC	40400		

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Dallas Hicks Transcript: 2/21/86	B. J. Youngblood to S. A. White 6/23/86 A02 860703 001	Pg 196 line 5 thru line 12 lack of knowledge as to status of equipment with attached IRN's or QC inspection reports	WI-85-100-054	QA	80409		
		Pg 196 line 13 thru line 19 stored equipment didn't get power maintenance.	WI-85-100-040	MC	40400		
		Pg 198 line 5 thru line 14 QCIR's not uniformly tracked	WI-85-100-054	QA	80409		
		Pg 198 line 16 thru line 20 group at TVA that will push to license without resolving QCIR's, IRNs, etc.	WI-85-100-054	QA	80409		
		Pg 199 line 1 thru line 6 untimely close-out of engineering change notices, ECNS/	WI-85-100-055	EN	20406		

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS
Dallas Hicks Transcript: 2/21/86	B. J. Youngblood to S. A. White 6/23/86 AO2 860703 001	Pg 201 line 21 thru line 14 Too many engineering groups working independently doing their own thing.  Pg 217 line 1 thru line 13 items generated by NSRS was reversed by Murdock and Culver of NSRS area of significance cancel to safety/ no significance to safety  Pg 220 line 7 thru Pg 221 line 5 office of Quality Assurance was abolished as an organization independently reporting to top management NRC knew that TVA was abolishing QA and went along with it.	1*          To be determined  WI-85-090-001 WI-85-090-002	MP          QA QA	71700             80106 80110		1#) This subcategory report has 187 concerns dealing with Engineer Qualifications, Engineering Aide Qualifications, and management qualifications.



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Dallas Hicks Transcript: 2/21/86	B. J. Youngblood to S. A. White 6/23/86 AO2 860703 001	Pg 221 line 6 thru line 24 is trying to *abol- ish the NSRS. TVA: has also removed NSRS. TVA has also removed NSRS: from the Employee: Concern Program	To be determined				
		Pg 223 line 7 thru line 20 is trying to *abol- ish the NSRS or render it ineffective any substitute group would also be ineffective if not given authority to inforce its directives.	To be determined				
		Pg 226 line 7 thru line 25 All TVA Nuclear plants have many similar problems because mistakes in first plant built were copied into succeeding plants. Correc- tions were left to much later.	WI-85-100-034	EN	20302		

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS
Dallas Hicks Transcript: 2/21/86	B. J. Youngblood to S. A. White 6/23/86 AO2 860703 001	Pg 230 lines 7 thru Pg 235 line 4 NRC policy of allow- ing TVA to per- form small samples or analysis instead of 100% inspec- tions and provide- ing supporting tests	Not applicable to TVA				
		Pg 236 line 8 thru 14 concern has to do with adequate margin in diesel genera- tors and battery systems.	WI-85-100-010	EN EN	21301 24300		

**Allegations - Group 0**

**Subject: QTC Letter**

**Source Document: R. L. Gridley to  
Those Listed 7/14/66**

**Revision 0  
11/19/86**

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS	
QTC Letter	R. L. Gridley to Those listed 07/14/86 L44 860714 807 (includes Attachment 2, letter from Owen Thero to C. H. Dean dated 05/30/86)	Pages 1-6 Page 6 Section I (Intimidation)	N/A (*1) WI-85-053-001(*2) 2850162001 2850162002 2850162003 2850162004 2850162005				R. L. Gridley to S. A. White 07/09/86 L44 860709 803	*1) These pages are a chronology of QTC activities and no response is required.
	B. J. Youngblood to S. A. White 07/16/86 AO2860718008	Page 7 Section II (Wrongdoing)	All HI - Items 2860006001				R. L. Gridley to B. J. Youngblood 08/08/86 L44 860808 807	*2) Concerns of Intimidation and Harassment are designated with the prefix HI. The concerns specifically listed are
		Page 7 Section III (Mistrust)	A number of the Management & Personnel Sub-category reports will address concern relative to management mistrust.		MP	70200 Work Rules 70600 Management Techniques 70800 Morale 71700 Management Qualification 71800 Employment	R. L. Gridley to Those listed 08/28/86 L44 860828 808 Kelly to Gridley 08/13/86 L03 860813 895	those concerned with the Authorized Nuclear Inspection Agency allegations.
		Page 7 Section IV (NRC)	IN-85-097-018 IN-85-102-002 IN-85-293-010 IN-85-619-003 IN-85-770-004			00000 20800 70601 00000 71500		*3) Wrongdoing, etc. are a subset of HI items.

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS	
QTC Letter	R. L. Gridley to Those listed 07/14/86 L44 860714 807 includes Attachment 2, letter from Owen Thero to C. H. Dean dated 05/30/86)  B. J. Youngblood to S. A. White 07/16/86 A02860718008		IN-85-954-001	NRC				
				IH		00000		
					QA		80104	
				IN-86-266-005	NRC			
					CO		10900	
				00-85-005-004	NRC			
				WDM-6-004-003	NRC			
					MP		70604	
				WDM-6-004-006	NRC			
				WI-85-026-001	NRC			
					IH		00000	
				WI-85-026-003	NRC			
					IH		00000	
				WI-85-026-004	NRC			
					QA		80000	
				WI-85-026-005	NRC			
					MP		70605	
				WI-85-049-001	NRC			
					MP		71500	
				WI-85-053-001	NRC			
					IH		00000	
				WI-85-068-001	NRC			
					IH		00000	
				WI-85-100-057	NRC			
				XX-85-027-010	NRC			
				XX-85-084-002	NRC			
					MP		71500	
		XX-85-101-007	NRC					
		XX-85-116-010	NRC					
			MP		71800			
		XX-85-122-052	NRC					
			MP		71500			
		XX-85-125-001	NRC					
			IH		00000			
			MP		71800			
		XX-85-125-002	NRC					
			IH		00000			
			MP		71800			

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS
QIC Letter	R. L. Gridley to Those listed 07/14/86 L44 860714 807 (includes Attachment 2, letter from Owen Thero to C. H. Dean dated 05/30/86)		XX-85-125-003	NRC			
				IH	00000		
				MP	71800		
			XX-85-125-004	NRC			
				IH	00000		
				MP	71800		
			XX-85-125-005	NRC			
				IH	00000		
				MP	71800		
			XX-85-125-008	NRC			
	B. J. Youngblood to S. A. White 07/16/86 A02860718008			MP	71800		
			XX-85-125-010	NRC	00000		
			XX-85-125-011	NRC			
				IH	00000		
				MP	71800		
			XX-85-125-012	NRC			
				IH	00000		
				MP	71800		
			XX-85-125-X09	NRC			
				IH	00000		
				MP	70603		
			XX-85-127-007	NRC			
				IH	00000		
				MP	71800		
			IN-85-146-003	NRC			
				MP	71500		
			IN-85-992-001	NRC	00000		
			Page 7 Section V (FNI)				
			WI-85-053-001	IH	00000		
			285016201	MC	40700		
			285016002	IH	00000		
			285016003	QA	80202		
			285016004	QA	80101		
			285016005	OP	30803		
				WE	50800		

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS			
QIC Letter	R. L. Gridley to Those listed 07/14/86 L44 860714 807 (includes Attachment 2, letter from Owen Thero to C. H. Dean dated 05/30/86) B. J. Youngblood to S. A. White 07/16/86 A02860718008	* Conduit Page 34	II-85-398-001	CO		11100				
			EX-85-076-001	QA		80203				
			IN-85-347-002	IH		00000				
				QA		80402				
			XX-95-053-001	QA		80504				
				* Support	EX-85-061-005	CO		11100		
				Installation	IN-85-052-003	CO		11100		
				Notes Page 34,	IN-85-445-X17	CO		11100		
				35, and 36	IN-85-469-X04	CO		11100		
					IN-85-903-002	CO		11100		
					IN-85-967-001	CO		11100		
					WBM-86-009-001	CO		10400		
						CO		11100		
					IN-85-461-001	CO		11100		
					IN-85-903-001	QA		80202		
					* Uninstruct	IN-85-398-003	EN		22300	
					Support	EX-85-061-005	CO		11100	
					Bolting	IN-85-398-001	CO		11100	
					Page 34, 36	IN-85-445-X17	CO		11100	
						IN-86-200-005	CO		11100	
						IN-85-995-002	CO		11100	
						IN-85-978-013	CO		10200	
							CO		10100	
				CO		10200				
				CO		10900				
				MC		40400				
				MP		70605				
				QA		80000				
		B) Test Control	WI-85-040-006	CO		10200				
		Page 38	WI-85-016-001	CO		10200				
		C) Training/	EX-85-010-002	MP		70100				
		Skills	PH-85-005-001	OP		30806				
		Page 34	EX-85-008-001	WE		50100				

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS
QIC Letter	R. L. Gridley to Those listed 07/14/86 (includes Attachment 2, letter from Owen Thero to C. H. Dean dated 05/30/86)		EX-85-009-001	MP	70100		
			IN-85-556-001	MP	70100		
			IN-85-589-002	OP	30806		
			IN-85-705-001	CO	10900		
				MP	70100		
			EX-85-012-001	OP	30806		
			IN-85-130-001	OP	30806		
			IN-85-474-001	CO	10900		
				IH	00000		
			B. J. Youngblood to S. A. White 07/16/86 A02806718008		EX-85-054-002	OP	30806
			IN-85-979-002	MP	70100		
			EX-85-148-001	CO	10900		
				MP	70100		
	5) Records are of:		<u>See below</u>				
	Poor Quality						
	Page 40, 44						
	° Falsified		IN-85-612-X07	IH	00000		
	Welder			QA	80504		
	Certification		IN-85-923-002	IH	00000		
	Page 40			QA	80504		
			XX-85-088-X04	IH	00000		
				QA	80504		
			IN-85-021-X05	IH	00000		
				QA	80504		
			IN-85-770-X07	IH	00000		
				QA	80302		
			IN-85-778-X07	IH	00000		
				QA	80302		
			IN-85-533-X11	IH	00000		
				QA	80000		
			WBM-85-001-003	QA	80000		
			WI-85-003-001	IH	00000		
				QA	80000		





SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS
QIC Letter	R. L. Gridley to		HI-85-116-X02	IH	00000		
	Those listed		HI-85-116-X03	IH	00000		
	07/14/86		HI-85-116-X04	IH	00000		
	L44 860714 807		HI-85-116-X05	IH	00000		
	(includes						
	Attachment 2,	• Q-List	See below				
	letter from Owen	Page 48-49					
	There to C. H. Dean	• Conflicting	IN-85-087-004	EN	20900		
	dated 05/30/86)	Lists					
	B. J. Youngblood to	• Correctness	IN-85-407-001	EN	20900		
	S. A. White		IN-85-688-003	EN	20900		
	07/16/86						
	A02860718008						
		• Two-level	IN-86-090-001	EN	20900		
		quality system:		QA	80000		
			IN-86-095-002	EN	20900		
		8) Material	IN-85-012-001	MC	40700		
		Traceability	IN-85-388-004	MC	40500		
		Page 7, 50-51	IN-85-441-001	MC	40500		
		IN-85-460-002	MC	40500			
		IN-85-667-002	MC	40500			
		IN-85-041-014	MC	40500			
		IN-85-337-002	WE	50300			
	9) Cable/	See below					
	Embedded						
	Plates						
	Pages 52-62						
	A) Anchor	IN-85-103-001	CO	10400			
	Installation:	XX-85-023-001	CO	11300			
	Page 52		IH	00000			
	B) Embed Plate	IN-85-031-001	CO	10400			
	Loading	IN-85-031-002	MP	71000			
	Page 53, 55	IN-85-010-002	EN	22000			
		IN-85-024-001	EN	22000			

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS
QIC Letter	R. L. Gridley to Those listed 07/14/86 L44 860714 807 (includes Attachment 2, letter from Owen Thero to C. H. Dean dated 05/30/86)	C) Specific-	IN-85-033-001	CO	10400		
		cation, etc.	IN-85-031-001	CO	10400		
		Page 57					
		D) Anchor	IN-85-020-001	CO	11300		
		Inspection	IN-85-845-001	CO	11300		
		Activities					
		Page 60					
		E) Configure-	IN-85-033-001	CO	10400		
		tion Control:	IN-85-031-001	CO	10400		
		Page 60					
B. J. Youngblood to S. A. White 07/16/86 A02860718008	F) Quality	IN-85-033-001	CO	10400			
	Records						
	Page 61						
	10) Nonconfor-	IN-85-460-003	WE	50400			
	mance C/A	IN-85-460-X05	WE	50400			
	Page 63-65	IN-85-671-002	QA	80401			
		IN-85-998-002	QA	80401			
		IN-86-134-002	QA	80101			
		IN-86-290-001	QA	80401			
				80503			
	IN-86-055-003(*6)	OP	31003				
	IN-85-289-002	OP	31003				
11) Design	See below						
Control							
Page 66-71							
A) Not	IN-85-149-002	CO	10300				
Specified	IN-85-192-001	CO	10300				
Up Front	IN-85-192-002	CO	10300				
Page 68, 69	IN-85-243-002	CO	10300				
	IN-85-273-001	CO	10300				
	IN-85-451-001	CO	10300				

\*6 This number was incorrectly listed in the letter as concern IN-86-005-003. Correct number was verified by NSRS Report I-85-415-WBN referenced in the letter as applicable to the concern

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS	
QTC letter	R. L. Gridley to Those listed		IN-85-038-001	EN		21800		
	07/14/86		IN-85-039-001	EN		21800		
	L44 860714 807		IN-85-039-002	EN		21800		
	(includes Attachment 2, letter from Owen Thero to C. H. Dean dated 05/30/86)		IN-85-027-002	EN		21800		
			IN-85-442-X13	CO		10100		
				MP		70100		
			IN-85-469-002	CO		11300		
	B. J. Youngblood to S. A. White	B) Configuration Feedback Page 70		IN-85-995-002	CO		10200	
	07/16/86		IN-85-442-X13(*7)	CO		10100		
	NO2860718008			MP		71000		
			IN 85-354-001	EN		20300		
		C) Margins of Safety Page 71		IN-85-992-002	MP		70601	
	12) Underground Compaction Page 75-85 (Soils and Soils Compaction Page 7) Page 86 Signature Page		IN-85-442-X13*5	CO		10100		
				MP		71000		
			IN-85-066-001	CO		10100		
			IN-85-472-007	CO		10100		
			IN-85-496-001	CO		10100		
			WI-85-040-004	CO		10100		
			N/A					

\*7\*)This number is incorrectly listed in the letter as IN-85-441-X13. The corrected number was verified by the January date in QTC report and subject of concern as referenced in letter. Also, the incorrect concern number in the letter is not a valid number as determined from the QTC computerized database.

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS
QTC letter	R. L. Gridley to Those listed 07/14/86 L44 860714 807 (includes Attachment 2, letter from Owen Thero to C. H. Dean dated 05/30/86)	Page 7 Section VI (Violation of Procedures) (#4)	WI-85-100-001 WI-85-100-037 HI-85-108-001	EN EN IH	20110 20110 00000		In addition to the concerns listed, most of the Management and Personnel subcategory reports will address procedures or policy violations, however, they are not regulatory requirements or procedures which affect plant safety or system hardware.
			IN-85-110-X05	IH	00000		
			IN-85-251-002	QA	80000		
			IN-85-339-004	QA	80000		
			IN-85-339-004	CO	11300		
				IH	00000		
				QA	80000		
	B. J. Youngblood to S. A. White 07/16/86 A02860718008		IN-85-393-X06	QA	80000		
			IN-85-393-004	IH	00000		
			IN-85-393-004	IH	00000		
				QA	80000		
			IN-85-458-006	QA	80401		
			IN-85-472-002	QA	80000		
			IN-85-472-005	QA	80000		
			IN-85-472-006	QA	80000		
			IN-85-497-001	QA	80000		
			IN-85-544-001	QA	80000		
			IN-85-544-002	QA	80000		
			IN-85-632-012	QA	80000		
				MP	70605		
			IN-85-710-002	MP	71000		
				QA	80000		
			IN-85-853-X02	MP	70605		
				QA	80000		
			IN-85-978-013	CO	10100		
				CO	10200		
				CO	10900		
				MC	40400		
				MP	70605		
				QA	80000		
			IN-85-995-001	QA	80000		
			IN-86-086-001	QA	80202		
			IN-86-255-005	QA	80101		
			PH-85-001-010	IH	00000		
				QA	80000		

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS
QIC letter	R. L. Gridley to Those listed 07/14/86 L44 860714 807 (includes Attachment 2, letter from Owen Thero to C. H. Dean dated 05/30/86)  B. J. Youngblood to S. A. White 07/16/86 A02860718008		PH-85-001-012	IH	00000		
				QA	80000		
			PH-85-002-X23	IH	00000		
				QA	80000		
			PH-85-014-002	IH	00000		
				QA	80000		
			WBM-85-001-003	QA	80000		
			WI-85-100-025	MP	70605		
				QA	80000		
			WI-85-100-025	MP	70605		
				QA	80000		
			EX-85-039-004	IH	00000		
				QA	80101		
			HI-85-087-002	IH	00000		
				QA	80101		
			IN-85-001-N09	QA	80101		
			IN-85-091-X02	QA	80101		
			IN-85-410-005	QA	80101		
			IN-85-588-002	QA	80101		
			IN-86-255-X07	QA	80101		
			WDM-86-004-002	QA	80101		
			WI-85-030-004	QA	80101		
			XX-85-116-008	QA	80101		
			IN-85-104-001	QA	80103		
			WI-85-100-048	QA	80103		
			IN-85-445-004	IH	00000		
				QA	80502		
	IN-85-954-001	IH	00000				
		QA	80104				
	PH-85-018-001	IH	00000				
		QA	80104				
	SQM-86-035-003	IH	00000				
		QA	80104				
	IN-85-279-004	QA	80105				
	PH-85-001-003	QA	80203				
	IN-85-913-002	QA	80203				
	IN-85-243-N03	MP	70604				
		QA	80202				

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS
QIC Letter	R. L. Gridley to Those listed 07/14/86 L44 860714 807 (includes Attachment 2, letter from Owen Thero to C. H. Dean dated 05/30/86)		IN-85-458-005 WI-85-027-002 WI-85-053-002 2850162003 HI-85-077-N04 IN-85-001-001 IN-85-001-007 IN-85-022-001 IN-85-119-006 IN-85-437-005 IN-86-259-X16	QA QA QA QA QA QA QA QA QA QA IH	80202 80203 80202 80202 80203 80203 80203 80203 80203 80203 00000		
	B. J. Youngblood to S. A. White 07/16/86 A02860718008		PH-85-002-X24 WI-85-004-001 IN-85-445-X15 IN-86-263-001	IH QA IH QA QA	00000 80203 80402 00000 80502 80504		
		Page 7 Section VII (Hardware)	<u>See below</u>				
		A) Welding Program	See concerns pages 11-21				
		B) Weld Inspection	See concerns pages 11-21				
		C) Welder Qualification	See concerns pages 11-21				
		D) Soils	See concerns pages 76-85				
		E) Concrete	See concerns pages 35, 41				

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS
QIC Letter	R. L. Gridley to Those listed 07/14/86	F) Material Control	See concerns pages 50-51				
	L44 860714 807 (includes Attachment 2, letter from Owen Thero to C. H. Dean dated 05/30/86)	G) As-built Configuration Control	See concerns pages 59-61, 69-70				
	B. J. Youngblood to S. A. White 07/16/86 A02B60718008	H) Concrete Expansion Anchor	See concerns pages 58-59				
		I) Hanger	See concerns pages 52-58				
		J) Instrumentation	See concerns pages 28-32				
		K) Cable	See concerns pages 22-27				
		L) Start-up Test	See concerns pages 38				
		M) M&IE	WRP-85-003-002 IN-85-640-002 GSR-85-001 IN-85-681-001 IN-85-274-004	QA OP OP QA QA		80000 30304 30803 80203 80504	
		N) ISI testing	SQN-86-015-003 2850162004	QA QA		80104 80101	



SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS
QIC Letter	R. L. Gridley to Those listed 07/14/86 144 860714 807 (includes Attachment 2, letter from Owen Thero to C. H. Dean dated 05/30/86)	Page 9-10 Introductory Remarks 1) Welding Program Pages 11-21	N/A *				*These are introductory statements only
	B. J. Youngblood to S. A. White 07/16/86 A02860718008	A) Fit-up Inspections Page 12, Page 13	IN-85-212-001 WI-85-041-013 IN-85-730-002 IN-85-488-001 IN-85-584-001 IN-85-682-002 IN-85-946-001 WI-85-013-002	WE QA QA QA QA QA QA QA	50700 80202 80203 80202 80202 80203 80202 80202		
		B) Weld Acceptance Criteria Page 12, Page 14	ECTG-8	WE	TBD		
		C) Weld Rod Accountability Page 12, Page 14	IN-85-052-008 IN-86-112-003	WE QA	50300 80402		
		D) 45A050 Notes Not Accessible Page 15	EX-85-061-005 IN-85-461-001 IN-86-118-001 PH-85-054-001	CO CO CO EN	11100 11100 11100 22100		
		E) Welder Certification Control Page 16	IN-86-249-X02 IN-85-770-002 (*5) IN-85-533-X11	WE MP IH QA	67400 70200 00000 80000		*5) This concern is listed in the letter incorrectly as concern IN-85-770-001. The correct number shown in the column was determined from a review of the report CORRECTED IN

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVS CORRESPONDENCE	COMMENTS		
QIC letter	R. L. Gridley to Those listed 07/14/86 144 860714 807 (includes Attachment 2, letter from Owen There to C. H. Dean dated 05/30/86)	F) Inspection Tool Page 12, Page 17	IN-85-406-003	WE	50700				
			IN-85-134-002	WE	50700				
			IN-85-007-001	WE	50700				
	B. J. Youngblood to S. A. White 07/16/86 A02860718008	G) Rod Owens Page 17	IN-85-234-001	WE	50300				
			H) Training of Weld Inspectors Page 7, 12, and 18	EX-85-052-005	QA	80303			
				EX-85-056-001	QA	80303			
				EX-85-062-XU3	QA	80303			
					EX-85-062-X04	IN	00000		
					QA	80302			
					QA	80303			
					EX-85-073-002	QA	80203		
					EX-85-082-003	QA	80303		
					EX-85-093-001	QA	80303		
					EX-85-094-001	QA	80301		
					IN-85-001-004	QA	80201		
					QA	80303			
					IN-85-001-008	QA	80303		
					IN-85-041-001	QA	80000		
					80303				
					IN-85-186-005	QA	80303		
					IN-85-209-002	QA	80303		
	IN-85-210-002	QA			80303				
	IN-85-375-003	QA	80301						
	IN-85-380-001	QA	80301						
	IN-85-437-005	QA	80203						
	IN-85-442-002	MP	71700						
	IN-85-442-003	IN	00000						
QA	80301								
IN-85-445-009	IN	00000							
QA	80301								
IN-85-454-001	QA	80303							
IN-85-458-002	QA	80301							
80303									
IN-85-476-003	QA	80203							
IN-85-476-004	QA	80303							

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS
QIC Letter	R. L. Gridley to		IN-85-510-001	QA	80303		
	those listed		IN-85-513-001	QA	80303		
	07/14/86		IN-85-529-005	QA	80303		
	L44 860714 807		IN-85-563-007	QA	80301		
	(includes		IN-85-706-002	QA	80303		
	Attachment 2,		IN-85-981-001	QA	80303		
	letter from Owen		IN-86-148-001	QA	80303		
	thero to C. H. Dean		IN-86-168-002	QA	80303		
	dated 05/30/86)		IN-86-270-003	QA	80301		
			IN-86-304-001	QA	80203		
	B. J. Youngblood to:				80303		
	S. A. White		OW-85-004-001	QA	80203		
	07/16/86		PH-85-016-001	QA	80301		
	A02860718008		PH-85-054-002	QA	80301		
			WI-85-030-002	QA	80302		
			WI-85-041-002	QA	80302		
					80303		
			WI-85-041-006	NE	50700		
			WI-85-046-002	QA	80303		
			WI-85-046-004	QA	80104		
			WI-85-046-014	QA	80203		
			WI-85-058-001	QA	80104		
			WI-85-059-001	IH	00000		
			QA	80104			
		WI-85-081-007	QA	80301			
		IN-85-057-001	QA	80203			
				80303			
		IN-85-089-001	QA	80303			
		EX-85-007-002	QA	80303			
		EX-85-082-001	QA	80303			
		HI-85-084-N05	QA	80303			
		IN-85-007-002	QA	80303			
		IN-85-981-001	QA	80303			
		IN-85-997-002	QA	80303			
		IP-86-142-001	QA	80303			
		EX-85-037-004	QA	80301			
		IN-85-079-001	QA	80301			
		IN-85-365-003	QA	80301			
		IN-85-041-001	QA	80303			

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS
QIC Letter	R. L. Gridley to Those listed 07/14/86 L44 860714 R07 (includes Attachment 2, letter from Owen Thero to C. H. Dean dated 05/30/86)	I) Lack of Independent QC Inspectors: Page 12, 18	ECTG-7	QA	TBD		
	B. J. Youngblood to S. A. White 07/16/86 A0286J718008	J) Inspection Through Carbo-Zinc Coating Page 7, 12, and 19	NS-85-001-001 WI-85-013-003 HI-85-077-N04	WE WE QA	50700 50700 80203		
		K) Sampling Inspection Page 12, 20	IN-85-887-001 NS-85-001-X03 WI-85-013-001 WI-85-030-004 WI-85-041-003 IN-85-584-002 IN-86-032-002 WI-85-029-002 PH-85-027-001 through -005 IN-86-032-001	QA QA QA QA WE WE QA WE WE GN WE QA WE	80101 80202 80401 80301 80101 80000 50700 50600 80202 50600 50800 00000 50600 80203 50600		
		2) Electrical Cable Installation Page 22 - 27	See below				

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS
QIC Letter	R. L. Gridley to Those listed 07/14/86 L44 860714 807 (includes Attachment 2, letter from Owen Thero to C. H. Dean dated 05/30/86)	A) Page 8, 24	BNPQCP10.35-7 IN-85-862-002 IN-86-254-006	CO OP CO	10900 30402 10900		
			WI-85-030-004 OW-85-001-001 IN-85-849-001 IN-85-993-005 IN-85-993-006	QA QA QA QA CO	80203 80101 80104 80202 80202 10900		
	B. J. Youngblood to S. A. White 07/16/86 A02860718008		IN-86-252-X03 IN-86-266-X10 OW-85-001-003 EX-85-073-002 EX-85-076-002 HI-85-084-N03 HI-85-105-001	QA QA QA QA QA QA IH	80202 80202 80202 80203 80203 80203 00000		
			IN-85-046-N09 IN-85-119-006 IN-85-138-X07	QA QA IH	80203 80203 00000		
			IN-85-138-002	IH	00000		
				MP	70200		
				QA	80203		
			IN-85-175-001 IN-85-296-001 IN-86-212-002 IN-86-252-001 IN-86-254-006	QA QA QA QA CO	80203 80203 80203 80203 10900		
				QA	80203		
			IN-86-259-X16	IH	00000		
				QA	80203		
			IN-86-259-015	CO	10900		
				QA	80203		

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS
QIC Letter	R. L. Gridley to Those listed		IN-86-266-X09	QA	80203		
	07/14/86		00-86-005-003	QA	80203		
	L44 860714 807		IN-85-661-001	QA	80401		
	(includes Attachment 2,		IN-85-223-001	QA	80503		
	letter from Owen		IN-85-241-007	QA	80504		
	Thero to C. H. Dean		IN-86-004-X03	IH	00000		
	dated 05/30/86)			QA	80504		
			WI-85-100-016	QA	80504		
			IN-85-978-012	QA	80105		
	B. J. Youngblood to		EX-85-073-001	CO	10900		
	S. A. White		EX-85-076-003	CO	10900		
	07/16/86		EX-85-086-001	CO	10900		
	A02860718008		EX-85-092-002	CO	10900		
			EX-85-092-003	CO	10900		
			EX-85-148-001	CO	10900		
			EX-85-157-002	CO	10900		
			EX-85-157-003	CO	10900		
			HI-85-010-001	CO	10900		
			IN-85-009-001	CO	10900		
			IN-85-018-004	CO	10900		
			IN-85-046-001	CO	10900		
			IN-85-120-001	CO	10900		
			IN-85-186-002	CO	10900		
			IN-85-186-010	CO	10900		
			IN-85-201-002	CO	10900		
			IN-85-213-001	CO	10900		
			IN-85-241-N11	CO	10900		
			IN-85-255-001	CO	10900		
			IN-85-295-003	CO	10900		
			IN-85-300-002	CO	10900		
			IN-85-314-001	CO	10900		
			IN-85-318-001	CO	10900		
			IN-85-318-002	CO	10900		
			IN-85-318-003	CO	10900		
			IN-85-323-002	CO	10900		
			IN-85-325-005	CO	10900		

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS
QIC	R. L. Gridley to		IN-85-346-001	CO	10900		
Letter	Those listed		IN-85-373-001	CO	10900		
	07/14/86		IN-85-374-001	CO	10900		
	L44 860714 807		IN-85-425-001	CO	10900		
	(includes		IN-85-425-004	CO	10900		
	Attachment 2,		IN-85-433-N04	CO	10900		
	letter from Owen		IN-85-433-002	CO	10900		
	Thero to C. H. Dean:		IN-85-474-001	CO	10900		
	dated 05/30/86)		IN-85-506-002	CO	10900		
			IN-85-527-001	CO	10900		
	B. J. Youngblood to:		IN-85-533-001	CO	10900		
	S. A. White		IN-85-581-001	CO	10900		
	07/16/86		IN-85-581-002	CO	10900		
	A02860718008		IN-85-705-001	CO	10900		
			IN-85-705-002	CO	10900		
			IN-85-719-002	CO	10900		
			IN-85-720-003	CO	10900		
			IN-85-733-001	CO	10900		
			IN-85-733-002	CO	10900		
			IN-85-774-006	CO	10900		
			IN-85-798-005	CO	10900		
			IN-85-856-005	CO	10900		
			IN-85-864-001	CO	10900		
			IN-85-878-X01	CO	10900		
			IN-85-935-001	CO	10900		
			IN-85-978-001	CO	10900		
			IN-85-978-013	CO	10900		
			IN-85-986-X02	CO	10900		
			IN-85-993-X03	CO	10900		
			IN-85-993-002	CO	10900		
			IN-85-993-006	CO	10900		
			IN-86-028-001	CO	10900		
			IN-86-028-003	CO	10900		
			IN-86-036-002	CO	10900		
			IN-86-199-001	CO	10900		
			IN-86-201-001	CO	10900		

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS
QIC	R. L. Gridley to		IN-86-212-N03	CO	10900		
Letter	Those listed		IN-86-212-001	CO	10900		
	07/14/86		IN-86-238-001	CO	10900		
	L44 860714 807		IN-86-252-004	CO	10900		
	(includes		IN-86-254-001	CO	10900		
	Attachment 2,		IN-86-254-002	CO	10900		
	letter from Owen		IN-86-254-006	CO	10900		
	Thero to C. H. Dean:		IN-86-259-001	CO	10900		
	dated 05/30/86)		IN-86-259-002	CO	10900		
			IN-86-259-004	CO	10900		
	B. J. Youngblood to:		IN-86-259-005	CO	10900		
	S. A. White		IN-86-259-007	CO	10900		
	07/16/86		IN-86-259-008	CO	10900		
	A02860718008		IN-86-259-014	CO	10900		
			IN-86-259-015	CO	10900		
			IN-86-262-003	CO	10900		
			IN-86-266-001	CO	10900		
			IN-86-266-002	CO	10900		
			IN-86-266-005	CO	10900		
			IN-86-266-006	CO	10900		
			IN-86-268-002	CO	10900		
			IN-86-268-003	CO	10900		
			IN-86-314-N06	CO	10900		
			IN-86-314-001	CO	10900		
			IN-86-314-002	CO	10900		
			IN-86-314-003	CO	10900		
			IN-86-314-005	CO	10900		
			JLH-86-002	CO	10900		
			MAS-85-003	CO	10900		
			OO-85-005-014	CO	10900		
			OW-85-007-004	CO	10900		
			OW-85-007-005	CO	10900		
			OW-85-007-012	CO	10900		
			PH-85-003-N32	CO	10900		
			PH-85-003-N33	CO	10900		
			PH-85-050-001	CO	10900		
			QCP 10.35-8-5	CO	10900		



SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS		
QIC letter	R. L. Gridley to Those listed 07/14/86 L44 860714 807 (includes Attachment 2, letter from Owen There to C. H. Dean: dated 05/30/86)  B. J. Youngblood to S. A. White 07/16/86 A02860718008	3) Instrument Line Inadequacies Page 7, Page 28-32	WI-85-011-002	CO	10900				
			WI-85-028-001	CO	10900				
			WI-85-100-012	CO	10900				
			WI-85-100-013	CO	10900				
			WI-85-100-020	CO	10900				
			XX-85-008-001	CO	10900				
			XX-85-094-004	CO	10900				
			XX-85-094-005	CO	10900				
			<u>See below</u>						
			A) Tube Bending Page 30	IN-85-021-002	CO	17300			
	IN-85-824-002	CO	17300						
B) Compression Fittings Page 31	IN-85-795-001	CO	17300						
	IN-85-795-002	CO	17300						
C) FOS Traceability Page 31	IN-85-445-004	IH	00000						
		QA	80104						
		QA	80502						
		IN-85-445-X15	IH	00000					
			QA	80502					
		IN-85-845-002	EN	22800					
D) Slope Page 31	IN-85-218-001	CO	17300						
	PH-85-001-002	CO	17300						
4) Construction Processes Page 33-39	<u>See below</u>								

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS
QIC Letter	R. L. Gridley to Those listed 07/14/86 L44 860714 807 (includes Attachment 2, letter from Owen Thero to C. H. Dean dated 05/30/86)	A) Inspection ° QC Procedures Page 33	PH-85-012-001	QA	80203		
		° Expansion Anchors Page 33	HI-85-020-N02 HI-85-073-N04 HI-85-113-N02	CO CO CO	11300 11300 10900		
	B. J. Youngblood to S. A. White 07/16/86 A02860718008		IN-85-020-001 IN-85-037-001 IN-85-055-002 IN-85-246-003 IN-85-285-001 IN-85-285-002 IN-85-285-003	CO CO CO CO CO CO CO	11300 11300 11300 11300 11300 11300 11300		
			IN-85-339-001	MP CO	70605 11300		
			IN-85-439-001	MP CO	70605 11300		
			IN-85-845-001 IN-85-982-001 IN-86-115-001	MP CO CO	70605 11300 11300		
			PH-85-002-026 PH-85-054-N03 SQP-85-005-003 SQP-85-005-005 WI-85-011-001 XX-85-010-001 IN-86-140-002 IN-86-177-001 IN-86-219-001	CO CO CO CO CO CO CO CO CO	11300 11300 11300 11300 11300 11300 11300 11300 11300		
			IN-86-294-002 IN-85-339-X06	MP CO IH QA	70605 11300 00000 80504		

SUBJECT	SOURCE DOCUMENT	DOCUMENT NUMBER	ECSP CONCERN NUMBER	CATEGORY	SUBCATEGORY	PERTINENT TVA CORRESPONDENCE	COMMENTS
QIC Letter	R. L. Gridley to those listed	° Concrete Page 33, 34, and 35	IN-85-995-002	CO	10200		
	07/14/86		WI-85-016-001	CO	10200		
	L44 860714 807		IN-86-221-002	GP	31306		
	(includes		IN-86-221-003	OP	31306		
	Attachment 2,		IN-85-410-005	QA	80101		
	letter from Owen		BEP-86-001-001	MP	71200		
	There to C. H. Dean:		BNPQCP10.35-15	CO	10200		
	dated 05/30/86)		EX-85-026-001	CO	10200		
			HI-85-045-N02	CO	10200		
				IH	00000		
	B. J. Youngblood to:			MP	70601		
	S. A. White		HI-85-073-N02	CO	10200		
	07/16/86		HI-85-073-N03	CO	10200		
	A02860718008		IN-85-016-001	CO	10200		
			IN-85-046-006	CO	10200		
			IN-85-220-003	CO	10200		
				EN	21500		
			IN-85-231-002	CO	10200		
			IN-85-241-001	SF	90904		
			IN-85-409-001	CO	10200		
			IN-85-439-006	CO	10200		
			IN-85-485-X01	CO	10200		
			IN-85-525-001	CO	10200		
			IN-85-641-003	CO	10200		
			IN-85-978-004	CO	10200		
			IN-85-978-013	CO	10100		
				MC	40400		
				CO	10200		
				MP	70605		
				CO	10900		
				QA	80000		
			IN-85-995-002	CO	10200		
			IN-86-759-X13	CO	10200		
			WBP-85-010-001	CO	10200		
			WI-85-016-001	CO	10200		
			WI-85-040-006	CO	10200		
			XX-85-003-001	CO	10200		