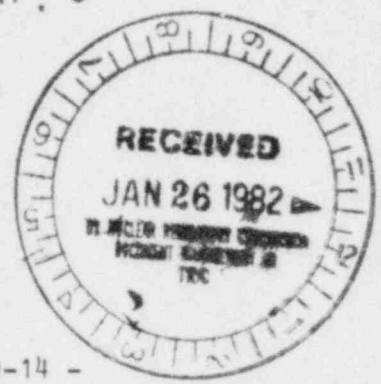
TENNESSEE VALLEY AUTHORITY
CHATTANOOGA, TENNESSEE 37401
400 Chestnut Street Tower II

USNRC REGION II ATLANTA, GEORGIA

November 13, 1981 NOV 19 AM : 04



Mr. James P. O'Reilly, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Region II - Suite 3100
101 Marietta Street
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

OFFICE OF INSPECTION AND ENFORCEMENT BULLETINS 79-02 AND 79-14 - BROWNS FERRY NUCLEAR PLANT UNIT 1 - 50-259

In an August 7, 1981 telephone conversation with members of your staff, TVA was requested to provide the results of the evaluations performed upon completion of each unit's inspections for the subject bulletins. In response to this request, the enclosed table summarizes the resolution of all significant discrepancies discovered during the Browns Ferry unit 1 inspections. As indicated in this table, all safety problems discovered to date have been corrected, and other discrepancies have been scheduled for resolution. If you have any questions, please call Jim Domer at FTS 858-2725.

To the best of my knowledge, I declare the statements contained herein are complete and true.

Very truly yours,
TENNESSEE VALLEY AUTHORITY

L. M. Mills, Manager
Nuclear Regulation and Safety

Enclosure
cc: Office of Inspection and Enforcement (Enclosure)
Division of Reactor Operations Inspection
U.S. Nuclear Regulatory Commission
Washington, DC 20555

IE11

RESOLUTIONS FOR SIGNIFICANT DISCREPANCIES
BROWNS FERRY NUCLEAR PLANT UNIT 1
(See Footnotes at End of Table)

Problem Number	System	Problem Description	Initial Evaluation (Category)*	Evaluation After 30-Day Analysis (Category)	Proposed Resolution**	
1217-004	EECW	Support design problem	3	2	Design and install aditional supports	
0428-015	EECW	Support placement problem	3	4	Adequate as built	
0610-001	EECW	Gang support has missing restraint	1	Not required	Install per design	C
1019-02	EECW North Header	Restraint R-43 could not be load-qualified	3	3	Redesign restraint	
0904-01	EECW	R-47 not installed correctly	1	Not required	Install as designed	C
101080-001	EECW & RHRSW	Anchorage of piping in service water tunnel	1	2	Install redesigned restraints and anchors	
101180-001	EECW & RHRSW	Leakage of coupling due to preload by restraint	2	2	Redesign restraint	
0821-001	RHRSW	R-5 not installed per design	1	Not required	Install per design, with minor modifications	C
0821-002	RHRSW	Broken supports	1	Not required	Install to design condition. Vibration problem resolved.	C
0415-001	RHRSW	Damaged spring	2	Not required	Readjust. Replace missing and damaged components.	
0821-02	RHRSW	Loss of axial restraint for R-8, R-18, R-19	1	Not required	Install per design, with minor modifications	C
1128-002	RHRSW	R-16 could not be load-qualified	1	2	Redesign restraint	
0325-01	RHR	Lack of thread engagement on snubber R-8	3	3	Install per design	
0910-001	RHR	H 308 installed as guide	1	Not required	Install as 3-way restraint to protect penetration	C

C=Complete

Problem Number	System	Problem Description	Initial Evaluation (Category)*	Evaluation After 30-Day Analysis (Category)	Proposed Resolution**	
0315-001	RHR	Restraint H 268 over-loaded	1	Not required	Install per design	C
0331-018	RHR	Possible design problem	3	4	Adequate as built	
081281-004	RHR	Restraint on RHR pump suction - possible over-load	3	Not required	Reevaluate, with pump carrying load	
0106-001	RBCCW	Missing restraints	1	2	Install missing restraints	
0118-001	RBCCW	Missing restraints	1	Not required	Install missing restraints	C
0125-004	RBCCW	Support MK 31 not installed per design	2	Not required	Add missing member	
0125-06	RBCCW	Lack of axial restraint for MK 34	3	Not required	Brace to provide rigid axial pipe restraint	
0814-002	RWSPD	H 294 designed as 3-way but installed as guide	1	Not required	Install as 3-way restraint to protect penetration	C
0112-001	RWSPD	Missing restraints	3	2	Design and add restraints per analysis	
0220-008	RWSPD	R-10 will not qualify to design loads	1	Not required	Redesign the support	C
0509-002	RCIC	Loose anchor bolts and questionable analysis	2	4	Support adequate as built	
0315-003	HPCI	Lugs displaced relative to restraint R-2	2	4	Modify lugs and correct cause	
122380-01	Mech. Inerting	Support K-4 and UB-2 missing	3	3	Install UB-2	
111980-01	Not Applicable	Test line RB penetration design does not appear to be adequate	1	Not required	Design and install moment restraint for the pipe in the penetration similar to units 1 and 3	C
0315-002	RHR	Lugs displaced relative to restraint R-1. Damage	2	4	Modify lugs, repair damage, correct cause	
091080-001	CRD Scram Header	Restraint design and Placement	2	2	Redesign restraint system	

C=Complete

*Category 1. Unacceptable. Technical specifications give scheduling of changes. The analysis/evaluation indicates that there is a definite potential for loss of pressure boundary, loss of containment seal, or other consequence, such as improper slope or a missing valve, which has an unacceptable effect on plant safety or system function. The effect on plant safety is determined by a safety review.

*Category 2. Temporarily approved - Priority 1. Changes will be made as soon as feasible. (The analysis/evaluation indicates that changes should be given priority over those indicated in category 3.)

*Category 3. Temporarily approved - Priority 2. Changes will be made on a normal schedule. (The analysis/evaluation indicates that changes may be made on a normal schedule.)

*Category 4. Field changes not required. (The analysis/evaluation indicates that itensified stresses in the as-built configuration do not exceed code allowable stresses.)

**Except for Evaluation Category 1, the resolution is pending code compliance analysis.