

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

September 9, 1981
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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 3 - 50-296

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 3 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 857-2014.

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

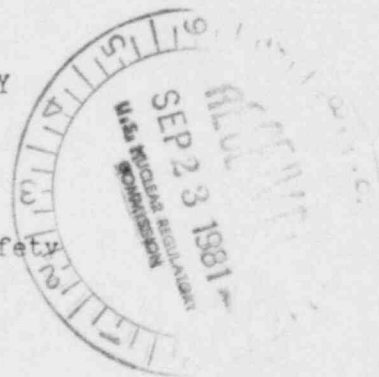
Very truly yours,
TENNESSEE VALLEY AUTHORITY

L. M. Mills
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



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RESOLUTIONS FOR SIGNIFICANT DISCREPANCIES
BROWNS FERRY NUCLEAR PLANT UNIT 3

(See Footnotes at End of Table)

Problem Number	System	Problem Description	Initial Evaluation (Seismic)*	Final Evaluation After Analysis (Category)*	Proposed Resolution	
0901-002	EECW	Restraint R-56 missing	1	Not required	Line requiring restraint was removed	Complete
1212-002	EECW	Anchorage on R-8 FS less than 2.0	2	Not required	Restore anchorage	
021381-001	EECW	Line will not qualify by criteria	2	3	Install additional restraints	
070180-001	EECW	Poor restraint spacing	3	3	Additional supports	
021381-002	EECW	Line will not qualify by criteria	3	---	Reanalysis	
101080-001	EECW and RHRSW	Anchorage of piping in service water tunnel	1	2	Redesigned restraints and anchors installed	Complete
101180-001	EECW and RHRSW	Leakage of coupling due to preload by restraint	2	2	Redesign restraint	
122280-001	RHR	Spring hangers pinned	2	4	Unpin hangers	
012181-001	RHR	Broken plate on spring hanger H-149	2	Not required	Repair or replace broken plate	
1019-001	HPCI	Restraint R-46 distressed	1	Not required	Repaired/Corrected condition causing distress	Complete

Problem Number	System	Problem Description	Initial Evaluation (Seismic)*	Final Evaluation After Analysis (Category)*	Proposed Resolution	
1027-001	HPCI	Restraint R-32 failed in service	1	Not required	Redesigned restraint. Corrected condition causing failure.	Complete
080780-001	Control Rod Drive Return	Scram header unrestrained along longitudinal axis	2	2	Redesign restraints	
022280-04	FPC	Support H-7. Drawing calls for 1-1/2-inch-diameter rod, but 1/2-inch-diameter rod was installed.	1**	Not required	Install design support	
0111-002	FPC	Hanger H-6 damaged. Redundant support.	2	Not required	Remove H-6	
072180-001	RBCCW	Restraint R336-MK25C overloaded	2	3	Additional supports	
011080-001	RBCCW	Missing and relocated restraints	3	Not required	Reanalysis	
071680-01	RBCCW	Hanger H-82. Support is connected on one side; nut missing on other side.	3	Not required	Return to design condition	
1217-001	RBCCW	Restraints R-19 and R-39 lock axially	3	3	Add supports	
072480-004	RBCCW	No lateral restraint between floor penetrations	3	4	None required	
011880-003	Radwaste Sump Panel Discharge	Restraint spacing from X19 to pump	2	4	None required	
041480-117 -118 -119 -121 -126	CSS Ring Header	Hangers not qualified to design loads	2	Not required	Restore to design	

*Category 1. Unacceptable. Technical specifications govern 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 intensified stresses in the as-built configuration do not exceed code allowable stresses.)

**A safety review has shown that plant safety and system function were not impaired.