

DUKE POWER COMPANY

P.O. BOX 33189  
CHARLOTTE, N.C. 28242

HAL B. TUCKER  
VICE PRESIDENT  
NUCLEAR PRODUCTION

March 9, 1984

TELEPHONE  
(704) 373-4531

✓ Mr. James P. O'Reilly, Regional Administrator  
U. S. Nuclear Regulatory Commission  
Region II  
101 Marietta Street, NW, Suite 2900  
Atlanta, Georgia 30303

Subject: McGuire Nuclear Station  
Docket Nos. 50.369 and 50-370

Subject: RII:WTO  
IE Inspection Report 50-369/83-47, 50-37/83-54

Dear Mr. O'Reilly:

Please find attached responses to Violations 50-369/83-47-01 and 50-369/83-47-02 which were identified in the subject report.

Duke Power Company does not consider any information contained in this report to be proprietary.

Very truly yours,

*H. B. Tucker / HBT*  
Hal B. Tucker

WHM/glb

Attachment

cc: Mr. W. T. Orders  
NRC Resident Inspector  
McGuire Nuclear Station

8404060331 840323  
PDR ADOCK 05000369  
Q PDR

DUKE POWER COMPANY  
McGUIRE NUCLEAR STATION  
RESPONSE TO VIOLATIONS 50-369/83-47-01 AND 50-369/83-47-02

Violation 50-369/83-47-01, Severity Level IV:

Technical Specification 6.8.1 requires that current written approved procedures be used to facilitate and conduct of surveillance testing and maintenance that can affect the performance of safety related equipment.

Technical Specification 3.3.1, Item 6.c. requires one operable source range detector channel during operation in Modes 3, 4, and 5.

Contrary to the above, on November 17, 1983, during the performance of procedure 1P/O/A/3100/06, a functional test of source range instrumentation, the technicians failed to follow the procedure, which resulted in a loss of both source range channels.

Response:

Duke Power Company agrees that a violation occurred at McGuire Nuclear Station when a procedure for the source range instrumentation functional test was not adequately followed by technicians. This event was initially reported to the NRC in Licensee Event Report RO-369/83-111. It has also been determined that this procedure contained an incorrect step. The procedure has been rewritten to make corrections and to include independent verification sign-off steps. Instrumentation technicians have been scheduled to attend a formal vendor system training class in order to obtain a better understanding of the Solid State Protection System. These corrective measures will assist in preventing further violations in this area. McGuire Nuclear Station is presently in full compliance.

Violation 50-369/83-47-02, Severity Level IV:

Technical Specification 6.8.1 requires that current written approved procedures be used to facilitate the conduct of surveillance testing and maintenance that can affect the performance of safety related equipment.

Technical Specification 3.6.1.3 requires that each containment air lock be operable with both doors closed except when the air lock is being used for normal transit entry and exits through the containment, then at least one air lock door shall be closed when in Modes 1, 2, 3, and 4. The Action Statement of this specification with one containment air lock door inoperable requires that the operable air lock door be maintained closed.

Contrary to the above, on November 11, 1983, two Instrument and Electrical technicians while performing maintenance on Unit 1 personnel air lock with the outer door open, failed to use a procedure, resulting in a loss of containment integrity when they inadvertently deflated the seals of the inner door. Thereafter, the operable door was immediately secured.

Response:

Duke Power Company agrees that a violation occurred at McGuire Nuclear Station when technicians failed to use procedure for maintenance of the personnel air lock, resulting in a temporary loss of containment integrity. The procedure available was not adequate in that it did not contain sufficient guidance and precautions for the work being performed. A change has been made to the procedure as described in Licensee Event Report RO-369/83-107.

A station modification will be implemented to provide an interlock between the inner and outer doors. This interlock will prevent the door seals from deflating when one door is open. The procedure change along with this modification will prevent further violations in this area. McGuire Nuclear Station is presently in full compliance.