

U.S. NUCLEAR REGULATORY COMMISSION  
OFFICE OF INSPECTION AND ENFORCEMENT

REGION III

Report No. 50-346/78-12

Docket No. 50-346

License No. NPF-3

Licensee: Toledo Edison Company  
Edison Plaza  
300 Madison Avenue  
Toledo, OH 43652

Facility Name: Davis-Besse Nuclear Power Station, Unit 1

Inspection At: Davis-Besse Site, Oak Harbor, OH

Inspection Conducted: May 25, 1978

Inspector: *R. L. Speesard*  
for F. A. Jablonski 7/2/78

Approved By: *R. L. Speesard*  
R. L. Speesard, Chief 7/2/78  
Engineering Support Section 1

Inspection Summary

Inspection on May 25, 1978 (Report No. 50-346/78-12)

Areas Inspected: IE Bulletin followup. The inspection involved 7 inspector-hours onsite by one NRC inspector.

Results: Within the areas inspected, no deviations or items of noncompliance were noted.

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## DETAILS

### 1. Persons Contacted

- \*T. D. Murray, Station Superintendent, Toledo Edison Company
- \*T. W. Mitchell, Project Engineer, Toledo Edison Company
- \*S. M. Cantor, Engineering Supervisor, Bechtel Corporation
- \*B. F. Noviche, Electrical Engineer, Bechtel Corporation
- J. Buck, Operations QA Manager, Toledo Edison Company

\*Denotes those attending exit meeting.

### 2. IE Bulletin Followup

The inspector reviewed the licensee's actions with regard to IE Bulletins 77-05, 77-05A and 77-06 and determined the following:

- a. Upon receipt of the bulletins by the Vice-President of Energy Supply, copies were forwarded to the Station Superintendent, Vice-President of Facilities Development, General Superintendent Power Engineering and Construction, site Quality Assurance Director and the architect-engineer, Bechtel Corporation. The architect-engineer performed a review of safety related circuits. The review was based upon a "List of all Circuits in Location Number Sequence", Bechtel letter file number M-329-A regarding RPS-SFAS and SFRCS, and Bechtel engineering hand prepared notes. Information for the review was also supplied from Babcock and Wilcox (B&W) the nuclear steam system supplier, reference B&W letter BWR-1611. All of the information obtained during the review indicated that no connectors or penetrations of the type identified in the bulletins were installed at the Davis-Besse, Unit 1 plant.
- b. The RIII inspector reviewed the above information and made observations within containment of penetration junction boxes. Power and control cables were covered with Raychem WCSF heat shrink tubing in accordance with F&M Procedure IP-7749-E14-6C.004. At penetration No. P2L4G the RIII inspector observed that the neutron flux monitor Amphenol connectors were not covered with Raychem type WCSF heat shrink tubing as described in TECO's letter, serial number 1-7, to the NRC dated December 16, 1977. This same condition exists at three other penetrations: P1L1L, P3L4G and P4L1G. In a telephone conversation with the Licensee on June 14, 1978, the RIII inspector was informed that Facilities Change Request (FCR) No. 78-264 had been prepared to provide the covering even though not required

(as documented in the letter above). Materials were not on hand and work may not be performed before full power operation scheduled for July 4, 1978. The incorporation of the FCR will be reviewed during a subsequent inspection. (50-346/78-12-1)

- c. Based on the review of information and observations, with the exception of the matter discussed in b, above, the RIII inspector concluded that the licensee's responses to NRC dated December 7 and 13, 1977 were accurate. No items of noncompliance or deviations were identified.

3. Exit Interview

The inspector met with licensee representatives (denoted under Persons Contacted) at the conclusion of the inspection on May 25, 1978. The inspector summarized the purpose and findings of the inspection.