

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

REGION III

Report No. 50-346/78-09

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, Ohio

Inspection Conducted: April 11-14, 1978

Inspector:

A. G. Januska
A. G. Januska

5/3/78

Approved By:

T. H. Essig
T. H. Essig, Chief
Environmental and Special
Projects Section

5/3/78

Inspection Summary

Inspection on April 11-14, 1978 (Report No. 50-346/78-09)

Areas Inspected: Routine, announced emergency planning inspection including reviews of coordination with offsite agencies; facilities, equipment, procedures; tests and drills; evaluation of reportable occurrences NP-9-77-1 and NP-33-77-65; and review of corrective action for a deviation noted in report 78-02. The inspection involved 32.5 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

Davis-Besse Personnel

*T. Murray, Station Superintendent
*B. Beyer, Maintenance Engineer
*W. Green, Administrative Coordinator
D. Briden, Chemist and Health Physicist
J. Hickey, Training Supervisor
B. Fanta, Training Coordinator
G. Grime, Nuclear Security Manager
R. Flood, Shift Foreman
W. Nissen, Station Fire Chief
B. Gyde, Station Services
B. Geddes, Radiochemistry and Health Physics Specialist

Offsite Agencies

K. Hetrick, Chief, Oak Harbor Fire Department
D. Henn, Robinson Funeral Home, Port Clinton, Ohio
W. Faust, Sheriff, Ottawa County
R. Dummering, Administrator, Magruder Hospital, Port Clinton, Ohio

2. Licensee Action on Previous Inspection Findings

(Closed) Deviation (346/78-02): Failure to collect weekly airborne particulate samples. The inspector determined that training had been given to required site personnel and a non-licensee sample collector.

3. Review of Reportable Occurrences

(Closed) Reportable Occurrences (NP-9-77-1 and NP-33-77-65): The inspector reviewed the actions taken to preclude repetition of the above reportable occurrences. The recording of maximum discharge temperature difference above ambient lake temperature and meteorological data is now provided for by Revision 2 of Surveillance Test Procedure ST 5099.02.

4. General

The inspection consisted of a review of the Emergency Plan and Implementing Procedures. Items inspected included agreements and coordination with offsite agencies, facilities, equipment, procedures, records of test and drills, and training.

5. Coordination with Offsite Agencies

Coordination and arrangements between offsite support agencies and the licensee was verified by visiting selected agency representatives. All agency representatives visited indicated that coordination between the licensee and their agency has been good. The ambulance service representative indicated a need for additional training due to a planned increase in personnel. He will contact the licensee when his new personnel have received their medical training. In addition to this training, all personnel from this agency will visit the onsite medical facility to familiarize themselves with the supplies available onsite in the event that their ambulance supplies are exhausted during an emergency. The Radiation Management Corporation (RMC) has provided training for the hospital staff.

6. Facilities, Equipment, and Procedures

The inspector reviewed the records of inventories performed and the emergency equipment specified in the Emergency Plan. Periodic Test Procedure PT 5199.14 requires a monthly inventory of the Emergency Plan call list, the emergency medical supplies in the medical station, and station first-aid supplies and a quarterly inventory of the Emergency Control Center (ECC) supplies, Magruder Hospital supplies, and radiological emergency equipment locker supplies. In addition, these inventories are verified as having been completed and reviewed. Documentation for these inventories for 1977 were reviewed and found to be complete. The inspector has no further questions regarding this item.

An inspection of the ECC supplies revealed that one item was missing and essential prints were not current. The licensee representative stated that these items will be corrected. Two instruments were found to be inoperable during the inspection of the radiological emergency equipment locker. Although both instruments had current calibration tags, one instrument was found to be inoperable because the operating switch had been left in the on position, and the other inoperable because the batteries had corroded and battery acid was found in the bottom of the instrument case. Both instruments were replaced prior to the inspector leaving the area. A licensee representative stated that batteries will be either changed during the quarterly inventory or removed from the instruments while they are stored in this equipment locker. These items will be reviewed during a subsequent inspection.

Stack effluent monitors and meteorological monitoring equipment specified in Administrative Procedure AD 1827.10 were examined and found to be operational. In discussing this equipment, a shift foreman demonstrated knowledge in the use of the data obtainable as related to the applicable Emergency Procedure. The inspector has no further questions regarding this item.

Monthly communications tests are performed in accordance with Periodic Test Procedure PT 5199.12 and 1977 records indicated that tests were completed as required. Verification of the operability of the equipment was made by the inspector and further substantiated by statements made by the Ottawa County Sheriff. The inspector has no further questions regarding this item.

7. Tests and Drills

The scenario of a drill conducted by RMC in the fourth quarter of 1977 was reviewed and discussed with a licensee representative. The chronology of the drill pointed out a problem in site accountability. The accountability problem is the result of the manner of which personnel are logged in and out of the two guard posts on the site. A licensee representative stated that this problem was recognized, reviewed, and measures have been taken to preclude the recurrence of this problem. Additional measures will be taken to allow for rapid accountability. This item will be reviewed during a subsequent inspection.

8. Training

Emergency Plan training, Emergency Duty Officer training, and Radiation Monitoring Team training records for 1977 were reviewed. Records indicated that training was provided to required personnel as specified in Section 9.1 of the Emergency Plan and covered the material in Sections 9.1.1 and 9.1.2 of the Plan. The inspector discussed the manner in which records are kept in order to demonstrate that training has been provided in accordance with the Emergency Plan. The licensee representative acknowledged the inspector's comments. The inspector has no further questions regarding this item.

9. Emergency Plan/Implementing Procedure Review

The inspector reviewed the Emergency Plan and Implementing Procedures and discussed his findings with a licensee representative. The licensee representative indicated that

changes discussed would be made. The inspector also discussed the review and audit requirements specified in Sections 6.2 and 6.3 of the Plan. The licensee representative stated that the Station Review Board review will be completed by April 25, 1978. This item will be reviewed during a subsequent inspection.

10. Exit Interview

The inspector met with licensee representatives (denoted in Paragraph 1) and other site and corporate personnel at the conclusion of this inspection on April 14, 1978. The purpose, scope, and findings of the inspection were discussed. The licensee made the following remarks to certain items discussed by the inspector:

- a. Agreed to provide training for ambulance service personnel when requested.
- b. Stated that a procedure to assure battery powered monitoring equipment is operable would be revised.
- c. Stated that the annual Station Review Board review of the Emergency Plan would be performed by April 25, 1978.