

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

REGION III

Report No. 50-346/78-25

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: September 28, 1978

Inspector: *A. G. Januska*
A. G. Januska

10/23/78

Approved by: *T. H. Essig*
T. H. Essig, Chief
Environmental and Special
Projects Section

10/25/78

Inspection Summary

Inspection on September 28, 1978 (Report No. 50-346/78-25)

Areas Inspected: Routine, announced observation of (1) the response by the licensee's organization during a scheduled drill conducted by the licensee's Emergency Medical Contractor and (2) follow-up of open items from a previous Emergency Planning Inspection. The inspection involved eight inspector-hours onsite by one NRC inspector.

Results: No items of noncompliance or deviations were identified for the areas inspected.

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DETAILS

1. Persons Contacted

T. Murray, Station Superintendent
*W. Green, Administrative Coordinator
D. Varwig, Safety Coordinator

*denotes those present at exit interview.

2. Licensee Action on Previous Inspection Findings

(Closed) Outstanding Inspection Item (346/78-09): Malfunctioning emergency equipment. The inspector examined instruments in the radiological emergency equipment locker. During a previous inspection, batteries were found to be inoperable and corroded and battery acid was found in the bottom of an instrument case. The licensee has removed all batteries from the instruments, stored them with the instruments, and has purchased heavy duty batteries which will be placed with all emergency monitoring instruments when received.

(Closed) Outstanding Inspection Item (346/78-09): Site accountability. The inspector reviewed the accountability used during the schedule drill conducted on September 28, 1978 and determined that measures taken since a previous inspection have facilitated more rapid accountability. Accountability may be further enhanced by the use of a computer-controlled personnel access system to be used in conjunction with the security program at the site.

(Closed) Outstanding Inspection Item (346/78-09): Emergency Plan Review. The Station Review Board reviewed the Emergency Plan (AD 1827.00) as required by Section 6.2 of the Plan. Final approval date was May 3, 1978.

3. Drill Observation

The inspector observed the response by the licensee organization during a scheduled drill conducted by the licensee's emergency medical contractor (Radiation Management Corporation) on September 28, 1978. The drill was a combination drill and training exercise.

a. Site Actions

The drill site was the 545 foot elevation R. C. Drain Pump Room. The scenario involved two plant employees, one of whom

became injured, contaminated and is in a radiation field. Actions by the uninjured employee and the First Aid Team were prompt and proper. The inspector noted a communication problem when additional help was requested. Communications problems were also noted by plant observers and discussed at the critique held after the conclusion of the drill.

At the critique held at the station, the video tape of the station and hospital actions was viewed and specific items noted in the station segment were discussed. Two items that were observed by a number of observers and the inspector were communications and the congestion and noise in the assembly area.

Communications involving the logging of actions as they take place, dissemination of information, the use of a dedicated communications line during an emergency, and monitoring of all communications pertinent to the emergency were discussed. The congestion and noise in the assembly area was also discussed, although the problem was taken care of during the drill. Station personnel stated that these two problems will be studied in detail.

These items will be reviewed during a future inspection.

4. Exit Interview

The inspector met with the licensee representative (denoted in Paragraph 1) at the conclusion of the inspection on September 28, 1978. The purpose, findings and scope of the inspection were discussed.