

UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
799 ROOSEVELT ROAD
GLEN ELLYN, ILLINOIS 60137

June 23, 1976

G. W. Roy, Chief, Field Coordination and Enforcement Branch
Office of Inspection and Enforcement, Headquarters

STATUS OF PREPARATION OF DAVIS-BESSE I (TOLEDO EDISON COMPANY,
DOCKET NO. 50-346) FOR OPERATION

As of the present date, the Reactor Operations and Nuclear Support Branch evaluates the status of the Davis-Besse I facility to be as follows as regards preparation for operation:

Licensee Fuel Load Date

October 25, 1976.

As noted in our February 18, 1976 memorandum, we would not expect this unit to load fuel in 1976, if the present rate of system turnover for operation by the licensee and the associated rate of system testing does not increase.

Construction Status

The Construction Branch indicates that construction of the facility is essentially complete. The major outstanding issues related to construction of this facility include:

1. Electrical Construction Quality Assessment - The licensee's reinspection and corrective action is approximately 70% complete (overall) with regard to cable routing, cable separation, electrical conduit supports and adverse environment considerations.
2. Instrumentation Quality Assessment - Approximately 85% of the work regarding installation of mechanical barriers, impulse line protection and instrument tubing protection remains to be done.
3. In regard to the critical path for the primary system hydrostatic test, only one primary system valve remains to be installed. All other balance of plant valves required for the primary hydrostatic test are installed.
4. The primary system hydrostatic test is to start on about July 20, 1976.



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5. Construction proof testing of the containment is to start on or about August 1, 1976.
6. IE's questions regarding containment paint quality have been resolved.
7. Quality assessment of safety related snubbers and hangers (piping and components) remain to be accomplished.

Preoperational Testing

As of the end of May 1976, there are approximately 168 preoperational tests identified for completion prior to loading fuel. Approximately 75% of the associated test procedures are approved with more than 90% in some stage of development. Of these 168 identified tests:

1. Nine tests are completed and approved.
2. Sixteen tests are completed and under review.
3. Twenty-six tests are partially completed.

Procedure Development

We estimate the status of approved procedures as follows:

Operation - 35%
Emergency - 90%
Maintenance - 80%
Surveillance - 25%
Administrative - 80%

The licensee is aware that procedure development is to be completed by 90 days prior to fuel loading (by July 25, 1976).

Radiological and Emergency Preparedness

The Fuel Facility and Materials Safety Branch indicates that there are no unresolved items identified at the present time that would pose a possible delay to fuel loading at the unit as a result of their inspection activities. An environmental protection inspection conducted in April 1976 revealed a discrepancy in the FSAR program and the program being implemented. The latter conforms with the proposed Technical Specifications program. An Emergency Plan inspection conducted in June did not include a review of the Emergency Plan Implementing Procedures which are approximately 90% complete. Quality Control and Confirmatory Measurements inspection is scheduled for July 1976.

Training

All formal training committed to in the FSAR is essentially complete. Training activities are currently directed towards preparation for license examinations which are currently scheduled for August 1976.

Physical Security and Material Accountability

No fuel has yet been received on site (presently scheduled to begin August 19, 1976). The Security Plan is being reviewed by Reactor Licensing and accountability procedures are under development. No inspections have been conducted in these functional areas.

Operations Quality Assurance Preparedness

This functional area was inspected during April 26-29, 1976. As noted in our May 7 memorandum, a substantial number of major programmatic and implementation problems were identified which will require substantial reinspection activity. Continuing evaluation of the licensee's program development and implementation progress in these problem areas confirm our previous conclusion that it is improbable that the licensee will be able to fully implement their QA program for station operation by 90 days prior to fuel loading.

Unresolved Matters

The major unresolved matters at this point, relative to station operation, include:

1. Satisfactory completion of the licensee's test program commitments.
2. Satisfactory development and implementation of their Quality Assurance Program for Station Operation.

The current status of the facility with regard to preoperational testing and quality assurance program development makes it impractical to provide you with other than a general status report as above. As the pace of preoperational testing accelerates, we will continue to update this report in greater detail to keep you fully informed of the licensee's progress. An ACRS subcommittee site visit was conducted on May 18, 1976 to review the status of the plant. We understand the ACRS subcommittee and full committee meetings have been deferred to late summer and early fall. We do not have specific dates at this point.

G. W. Roy

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If you have any questions on these matters, please do not hesitate to contact me.

G. Fiorelli, Chief
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