

*trial file*

APR 15 1977

MEMORANDUM FOR: R. S. Boyd, Director, Division of Project Management,  
Office of Nuclear Reactor Regulation

FROM: Dudley Thompson, Acting Director, Division of  
Field Operation

SUBJECT: TOLEDO EDISON COMPANY, DAVIS-BESSE UNIT NO. 1,  
DOCKET NO. 50-346

The enclosure to this memorandum provides an indication of the change in status of the subject facility since my memorandum dated April 14, 1977, which transmitted enclosure A through G. Only the items that have changed in status are shown in the enclosure.

You should note that Item 3 of Enclosure G to my April 14, 1977 memorandum has been moved to Enclosure F indicating that it should be resolved prior to power operation. The change was made because we believe that the adequacy of the fire barriers should be resolved before fission products accumulate in the core.

Original signed by  
*D. Thompson*

Dudley Thompson, Acting Director  
Division of Field Operations  
Office of Inspection and Enforcement

Enclosure: As stated

- c: J. G. Davis
- G. W. Roy
- J. G. Keppler, IE:III
- D. B. Vassallo, NRR
- J. P. Stolz, NRR
- L. B. Engle, NRR

POOR ORIGINAL

CONTACT: K. W. Whitt, FCEB  
49-27261

OFFICE →	IE:FCEB	IE:FCEB,C	IE:AD:DFO		
SURNAME →	<i>KWWhitt</i> KWWhitt:mkm	<i>GWRoy</i> GWRoy	<i>DThompson</i> DThompson		
DATE →	4/15/77	4/15/77	4/15/77		

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ENCLOSURE A

Items to be completed before fuel loading:

1. Preoperational Test Completion

As of April 15, 1977, the status of 94 Preop tests identified as being required for fuel loading is as follows:

- a. Sixty-seven tests have been completed and approved.
- b. Twenty-two tests have been completed and are in the review chain.
- c. Five tests are in progress.

A select number of these require review by the inspectors subsequent to the licensee's review.

6. Power Ascension Test Review

Closed

7. System Modification Review

Closed

10. Instrument Ground Grid System

The licensee has isolated all the interties between the Instrument and Building ground system except for the non nuclear instrument (Bailly) system. The licensee is continuing to work on these interties.

17. Physical Protection

Closed

26. Removed Valves

Closed for fuel loading

ENCLOSURE E

Items required to be completed prior to Mode 2 Operations

2. Core Flood Tank

Closed

ENCLOSURE F

Items to be completed prior to Mode 1 (Power Operation)

2. Electrical Firebarriers

- a. RIII did not consider that the fire barrier testing was accomplished in accordance with ASTM E-119 and representative of the installations at the Davis-Besse site. This item was transmitted to IE Headquarters/NRR for resolution.
- b. Based on verbal communications with the licensee, it was determined that: (1) the licensee did not have enough four-part 20# BISCO mix and has substituted a four-part 150# BISCO mix in some of the Class 1 penetrations, and (2) in other Class 1 penetrations, the licensee plans to use a new two-part mix to replace the four-part 20# BISCO mix specified. The licensee maintains that the results of fire tests conducted on the two-part mix and NEL-PIA documents establish that the two-part mix is functionally equivalent to the four-part 20# BISCO mix. The licensee does not maintain that the tests performed on the two-part mix are fully representative of the ASTM E-119 tests performed on the four-part mix. However, they feel similar results on the two mixes were obtained and no further testing is required.

The resolution of the acceptability of the substitutes must be made prior to power operation.

ENCLOSURE G

Items to be done not associated with an Operational Mode

8. Electrical Fire Barriers

Item moved to Enclosure F