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 LWR 1 File  
 J. Stolz  
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AUG 08 1977

MEMORANDUM FOR: K. Seyfrit, Assistant Director, Division of Reactor Operations Inspection

FROM: John F. Stolz, Chief, Light Water Reactors Branch No. 1

THRU: D. B. Vassallo, Assistant Director for Light Water Reactors Original signed by  
D. B. Vassallo

SUBJECT: DAVIS-BESSE 1 - TEST PROCEDURE TP 401.11, INSTRUMENT GROUND GRID TEST

This memorandum will confirm our telephone conversation with you on August 5, 1977 regarding the resolution of concerns over the instrument ground installation at Davis-Besse 1.

Toledo Edison Company's letter to J. C. Keppler, Region III dated August 3, 1977 indicated that Test Procedure TP 401.11 cannot be completed as intended because the Babcock & Wilcox Company (B&W) and Bailey Meter Company equipment is not actually installed with an isolated instrument ground system connected to the station ground system at one point only in accordance with the original design objective. The basis of the test was to measure the isolation resistance between the instrument and station grounding systems based on the original design objective. A letter from J. Stolz to Toledo Edison Company dated April 7, 1977 indicated that we would require the completion of TP-401.11 testing prior to entering Mode 2. We understand from telephone discussions with Region III representatives, that it would take several months for the licensee to make the existing grounding system conform to the original design objective.

We conclude based on the limited consequences of safety system failure within Mode 2 that the licensee can proceed to Mode 2 without completing Test Procedure TP 401.11. However, before Davis-Besse 1 can operate in Mode 1 (i.e., >5% rated power), Toledo Edison Company must document why they consider the present grounding installation acceptable for plant operation in Mode 1. Following telephone discussions on this matter on August 5 and 8, 1977, we have scheduled a meeting with Toledo Edison for Wednesday, August 17, 1977 (1:15 - 4:00 PM, Room 372 East-West Towers)

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K. Seygrit

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for the purpose of having the licensee present information to the staff to justify plant operation in Mode 1 with the present installation.

John F. Stolz, Chief  
Light Water Reactors Branch No. 1  
Division of Project Management

cc: D. Eisenhut  
J. McGough  
J. C. Keppler, Region III  
R. Knop  
D. B. Vassallo  
R. McDermott  
C. Miller  
T. Ippolito  
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