

Dock # Files

JUL 1 1975

Docket No. 50-346

A. Schwencer, Chief, Light Water Reactors Branch 2-3, RL

DAVIS BESSE UNIT 1 - SAFETY EVALUATION REPORT UPDATE

Plant Name: Davis Besse Unit 1
 Licensing Stage: OL
 Docket Number: 50-346
 Milestone Number: 24-22
 Responsible Branch and Project Leader: LWR 2-3, L. Engle
 Technical Review Branch Involved: EI&CS Branch
 Description of Review: Safety Evaluation Report Update
 Requested Completion Date: N/A
 Review Status: Complete with the exception of items stated below,
 and the Supplemental Safety Evaluation Report

In the continuing effort to review the Davis Besse Unit 1 application for the Operating License permit, it has come to my attention that the applicant's information regarding cable qualification presented in the FSAR is too general to complete our evaluation. We will require that the applicant supplement the FSAR to clarify the following:

Sections 3.11.2.1.5 and 3.11.2.2.1 states that cable samples were air-oven aged at 121°C for 168 hours prior to testing the cable under LOCA condition. Since the LOCA conditions inside and outside the primary containment are different (as shown in Table 7-4), we will require that the design conditions for the cable tests be identified, and the test criteria (i.e., basis for passing or failing) be provided.

In addition, the applicant is requested to provide a summary of results of the cable qualification tests.

These concerns have been discussed with you, our cognizant engineer, and the applicant on June 25, 1975. This memorandum summarizes our concerns and requests that they be transmitted to the applicant.

Original Signed by
 T. A. Ippolito
 Thomas A. Ippolito, Chief
 Electrical, Instrumentation & Control
 Systems Branch
 Division of Technical Review
 Office of Nuclear Reactor Regulation

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