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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

JAN 18 1979

Docket Nos: 50-329
50-330

MEMORANDUM FOR: Steven A. Varga, Chief, Light Water Reactors Branch
No. 4, DPM

FROM: Darl Hood, Project Manager, Light Water Reactors
Branch No. 4, DPM

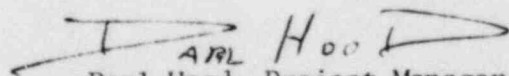
SUBJECT: FORTHCOMING MEETING ON MIDLAND 1 & 2 CONCERNING
SELECTED OUTSTANDING MATTERS IN STAFF'S SAFETY REVIEW

Date & Time: January 30 and 31, 1979
8:30 - 5:00

Location: Phillips Building
Room P-118 on January 30, 1979
Room P-110 on January 31, 1979

Purpose: To discuss (1) Overpressurization protection during low temperature operation, (2) Steam line break accidents assuming failure of the main steam line isolation valve, (3) Dynamic load combination techniques, (4) Operating modes for the process steam supply system, (5) Inadvertant actuation of containment spray, and (6) Instrumentation for monitoring containment sump temperature.

Participants: NRC
S. Newberry S. Salah O. Chopra
H. Daniels W. LeFave D. Hood
A. Hafiz D. Brinkman
R. Stevens D. Pickett


Darl Hood, Project Manager
Light Water Reactors Branch No. 4
Division of Project Management

Enclosure:
Agenda

cc: See next page

AGENDA

JAN 18 1979

January 30, 1979

8:30 Overpressure Protection at Low Temperatures

This item will discuss Branch Technical Position RSB 5-2 as discussed in Staff request 211.105 to which the applicant intends to respond in late January 1979

10:30 Postulated Steam Line Break Accidents Assuming Failure of a Main Steam Line Isolation Valve

The staff has asked several questions during the Midland review of this accident. Downstream branch lines for the Midland design include cross-over lines for process steam. The staff is concerned that design provisions consistent with Issue No. 1 of NUREG-0138 be demonstrated when reliance upon downstream valves is indicated. The staff concerns also applies to the main feedwater lines.

1:00 Dynamic (SSE & LOCA) Load Combination Methods

Staff approved methodology for combining accident and seismic responses is presently limited to that described in NUREG-0484. The Midland NSSS and BOP designs have been based upon use of the square-root-sum-of-squares technique, for which staff review has not been completed.

January 31, 1979

8:30 Operating Modes for the Process Steam Supply Systems

The secondary system designs for Midland Unit 1 and Midland Unit 2 include cross-connections to enhance the availability of process steam. Allowable operating modes, electrical isolation, and single-failure considerations will be discussed.

10:30 Inadvertant Actuation of Containment Spray

This discussion concerns the ability of the containment to withstand the pressure decrease resulting from a postulated inadvertant actuation of the containment spray system. In request 022.46, the staff has stated that more conservative assumptions should be used in the applicants analysis.

1:00 Instrumentation to Monitor Containment Sump Water Temperature

By request 022.6, the staff notified the applicant that instrumentation to indicate and record water temperature within the containment sump following an accident must be added to the Midland design. The applicants response notes intention not to comply.