

AUG 16 1982

MEMORANDUM FOR: Raymond F. Fraley, Executive Director
Advisory Committee on Reactor Safeguards

FROM: E. F. Goodwin, Technical Assistant
Technical Support Branch
Planning & Program Analysis Staff, NRR

SUBJECT: NRR RESPONSE TO ACRS RECOMMENDATIONS
FOLLOWING 266TH MEETING

In response to your memorandum dated July 8, 1982 which summarized actions, agreements, assignments, and requests, the following is provided on items assigned to NRR.

266th Meeting

1. Midland

An SER supplement discussing ACRS concerns in detail was published in June 1982.

- a. Operation of Midland above 5% will not be allowed by the staff until the natural circulation and plant quality issues are resolved with the ACRS.
- b. The soils restoration program will be discussed in an SER supplement to be issued August 20, 1982.
- c. The regional staff is now preparing a report on construction quality to date, to be issued in October. A second such report will be prepared prior to operation. The need for and scope of an independent design verification are being discussed between NRC staff and the applicant.
- d. The staff has no basis for requiring seismic evaluation above the present design basis. This matter is being discussed with the ACRS on a generic basis most recently on August 11, 1982 with the Extreme Environmental Phenomena Sub-committee.
- e. Provision of a high point vent is still an open item. If unresolved, the requirement will become a license condition.
- f. Water level indication remains an open item. The staff awaits a detailed design proposal from the applicant.
- g. The region will develop and implement an augmented audit of operation at Midland. A formal program plan will be developed prior to licensing.

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- h. The Midland PRA, scheduled for completion in early 1983, will be provided to the ACRS for comment.
- i. Natural circulation during small-break LOCA on B&W plants will be discussed with the ACRS in October 1982.
- j. The staff has requested that the applicant provide details of his plans in system interaction for review. When received, these details will be discussed with the committee.
- k. As resolution of USI's occurs, required actions of licensees are monitored on a plant specific basis by the project manager. Your admonition will be transmitted to him.
- l. The staff has requested further information on interfaces between Dow and Midland during a chemical plant accident.
- m. When completed, the technical resolution of USI A-47, Safety Interactions of Control Systems, will be applied to Midland.
- n. See f. above.
- o. The generic requirements for equipment qualification have been applied to Midland on a consistent basis with other NTOL plants.
- p. See 7 below.

2. Pressurized Thermal Shock

The staff has factored the ACRS comments into its most recent draft of the PTS short term program plan. The plan is scheduled to be completed in September and will be discussed in detail with ACRS at that time.

3. Safety Goal

A draft safety goal implementation plan was transmitted to the ACRS in July and discussed with the committee on August 13, 1982.

4. No comment

5. No comment

6. Feedwater Overfill Protection

The staff position on feedwater overfill protection was transmitted to the ACRS in a memo from R. Mattson to R. Fraley dated July 20, 1982. All B&W plants will have such protection installed in 1982-83.

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7. Midland Turbine Missile

The turbine missile problem continues as an open issue. The staff has requested details of GE's analysis of turbine missile hazards. Both the specifics of the Midland analysis and a discussion of the staff's review methods will be presented at the full power ACRS review.

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