



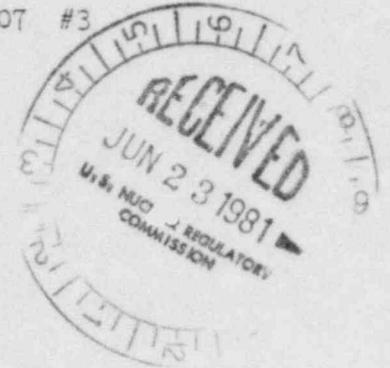
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80-07 #3

June 19, 1981

Mr J G Keppler, Regional Director
Office of Inspection and Enforcement
US Nuclear Regulatory Commission
Region III
799 Roosevelt Road
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MIDLAND NUCLEAR PLANT -
UNITS 1 AND 2, DOCKET NOS 50-329, 50-330
NSSS ANALYSIS
FILE: 0.4.9.44 UFI: 73*10*01, 02000(S) SERIAL: 12023

- References: 1) CFCo letter, J W Cook to J G Keppler, same subject,
Serial 11659, dated March 12, 1981
- 2) CFCo letter, J W Cook to J G Keppler, same subject,
Serial 10085, dated December 18, 1980

This letter is the third interim report of investigation and corrective actions associated with the reported anomalies in the NSSS seismic and LOCA analyses.

The last report (reference 1) described three specific corrective actions. The current status of these actions is as follows:

CORRECTIVE ACTIONS 1. "Assure specific anomalies are adequately dispositioned," and 2. "Assure any required process corrective actions are in place to provide confidence in the new analysis."

A. Bechtel -

Verification of Current and Future Bechtel Input to B&W

Bechtel has compiled the Bechtel input data to the B&W seismic and loss-of-coolant accident (LOCA) analysis into a single controlled document and has transmitted it to B&W. Using the structural analysis interface definition provided by B&W as a guideline, this document includes current input data and input data utilization information. Written confirmation from B&W that the single document is sufficient for B&W analytical purposes is anticipated in the near future.

As the design of portions of the Midland plant has not yet been finalized, the single input document identified above will require periodic revisions to incorporate new or revised information. All such

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revisions will be transmitted in a controlled manner to B&W, identifying the changed information. Procedures for the control and transmittal of these revisions are being developed. It is anticipated that these procedures will be issued by September 18, 1981.

B. B&W -

Action taken and present status is discussed in B&W letters of 2/27/81 and 6/4/81:

| <u>Item</u> | <u>Status</u> |
|--|--|
| 1. Verification of adequacy of input data and incorporation of all new input data into on-going analyses. | Complete. |
| 2. Consolidation of all input data into an "Analytical Input Requirements Specification" to provide a central controlled source of input data. | Scheduled for completion by 7/30/81. |
| 3. Implementation of a detailed checklist for the preparation and review of seismic analysis. | Complete. |
| 4. Upgrading of computer programs used for seismic analysis, to display more information in the computer-produced response spectra. | Complete. |
| 5. Initiation of a training program for personnel involved in seismic structural design and analysis. | First session of this program has now been completed, involving 25 engineers who attended classes 2-hours per week for 14 weeks. This training program will be on going and it has been incorporated into the NPGD training program system as a standard offering. |

CORRECTIVE ACTION 3. "Assure adequacy of intercompany interface controls."

Review of Documentation and Control Procedures

A. The two action items for Bechtel resulting from the review of Bechtel's procedural control of external design interfaces, as described in Reference 1, are not yet complete. The revised forecast dates for these activities are:

1. Bechtel Quality Engineering (QE) is to revise MED 4.25-0, Rev 2 to delete the reference to PSAR Appendix 1B, Table 1 and replace it with an appropriate reference. Completion anticipated by July 3, 1981.

2. Midland Project QE is to issue a new design responsibility matrix and add it to the Project Master Distribution Schedule. Completion anticipated by June 30, 1981.
- B. The Midland Project Quality Assurance Department investigation into the adequacy of Bechtel's engineering interfacing with other major contractors and consultants, where there is a major analytical interface (ie, substantial two-way transfer of technical data) on safety-related items, is currently in progress. This investigation presently is scheduled for completion by July 17, 1981.

Another report, either interim or final, will be sent on or before September 18, 1981.

James W. Cook

JLW/lr

CC: Director of Office of Inspection & Enforcement
Att Mr Victor Stello, USNRC (15)

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