

UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION III
799 ROOSEVELT ROAD
GLEN ELLYN, ILLINOIS 60137

MID 16

MEMORANDUM FOR: T. Novak, Assistant Director for Licensing, Division
of Licensing

FROM: R. F. Warnick, Director, Office of Special Cases

SUBJECT: NRR ASSISTANCE IN RESOLVING MIDLAND SOILS ISSUE

Region III has assumed all responsibility for reviewing the remedial soils work at the Midland site. However, we expect the licensee to periodically request relief from commitments made in the SSER. NRR's assistance will be requested when this occurs.

The expertise of NRR will also be required from time to time for consultation with Mr. Ross Landsman during his review of the remedial soils activities. A schedule cannot be defined at this time. NRR's assistance will be requested on a case by case basis as the need arises.

We also recommend that periodic site visits be made in order for your personnel to maintain their awareness of the underpinning effort. These visits could be limited to observations of critical work activities such as the pier 11 load tests and the drift work to the control tower. The schedule for these activities can be obtained from Ross Landsman.

Should you have any questions please contact Wayne Shafer (FTS 384-2656).

RF Warnick

R. F. Warnick, Director
Office of Special Cases

cc: A. B. Davis
J. H. Sniezek, IE
J. C. Stone, IE
✓ D. Hood, NRR M/S-116

SEP 23 1983

MEMORANDUM FOR: Richard H. Vollmer, Director
 Division of Engineering

FROM: James P. Knight, Assistant Director
 for Components & Structures Engineering
 Division of Engineering

SUBJECT: MIDLAND

This is in response to your note of August 15, 1983 asking if any members of my staff, or our consultants, share R. Landsman's concerns that the Midland diesel generator building is inadequate for its intended service and whether they share any of his specific technical concerns.

A task group, including consultants from Brookhaven National Laboratory (BNL), was formed under the supervision of Dr. P. T. Kuo of the NRC staff to conduct a reevaluation of the staff's position with regard to acceptance of the Midland diesel generator building. Upon receiving Dr. Landsman's statement of concerns, dated July 19, 1983, members of the Midland review staff, and consultants named below, were given copies of Dr. Landsman's memo. Their initial reactions were that Dr. Landsman's statement contained no new information and that their previous sentiments, as discussed further below, remained unchanged. On September 8, 1983, the task group consisting of Dr. Kuo, Dr. C. P. Tan and Mr. N. Romney of the NRC staff, with the assistance of Drs. C. A. Miller, C. J. Constantino and A. J. Philippacopoulos of BNL, conducted individual interviews with Mr. J. Kane, NRC staff, Dr. L. Heller, NRC staff, and Mr. H. Singh, Corps of Engineers, and a group interview with Mr. F. Rinaldi of the NRC staff, Mr. J. Matra of the Naval Ordnance Laboratory and Dr. G. Harstead of Harstead Associates. These individuals represent to the best of our knowledge all members of the NRC staff and our consultants who were principally involved in the review activities associated with the Midland diesel generator building. As you know, the task group solicited all information and opinions related to the diesel generator building in addition to comments on Dr. Landsman's statement.

The results of all interviews conducted in this effort are being compiled as a part of the overall task group report which is scheduled to be completed in October, 1983. It is my understanding that the sentiments expressed by these individuals were essentially the same sentiments contained in the staff and consultant testimony before the Atomic Safety & Licensing Board; Mr. Rinaldi, Mr. Matra, Dr. Harstead, Mr. Kane and Mr. Singh were among the staff and consultant witnesses on this matter. Although Dr. Heller, Mr. Kane and Mr. Singh were not satisfied with certain aspects of the analyses performed by the

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applicant, and some of these same aspects were echoed by Dr. Landsman in his July 19, 1983 statement, none of these individuals have made a final assessment as to acceptability of the diesel generator building for its intended service because they feel that the basis for such a judgement is incomplete.

Consistent with the hearing record, Dr. Harstead, Mr. Matra and Mr. Rinaldi reiterated their judgement that the diesel generator building was structurally acceptable for service, i.e., would remain structurally functional under design loading conditions.

The task group met with representatives of the applicant at the offices of Bechtel Corporation in Ann Arbor, Michigan and went to the site on August 24 & 25, 1983. The task group returned to the Bechtel offices in Ann Arbor on September 12 & 13, 1983 for a further audit of the calculations employed to investigate the predicted performance of the diesel generator building. Both of these meetings were preannounced public meetings, however, there was no attendance by members of the public. Dr. Landsman was also interviewed by the task group on September 13, 1983.

Original signed by George Lear

James P. Knight, Assistant Director
for Components & Structures Engineering
Division of Engineering

Enclosure:
R. Vollmer's Note to J. Knight
dated August 15, 1983

- cc w/encl:
- H. Denton
- D. Eisenhut
- T. Novak
- E. Adensam
- G. Lear
- D. Hood
- L. Heller
- P. T. Kuo
- F. Rinaldi
- J. Kane

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DATE	9/23/83	9/23/83	9/23/83	9/23/83	9/27/83	9/27/83



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

August 15, 1983

NOTE TO: Jim Knight

With respect to the Landsman issue, I would like to know if any of your staff or consultants share Landsman's concerns that the Midland Diesel Generator Building is inadequate to return to service from a safety point of view, i.e., inability to meet design requirements. I would also like an answer to the broader question: do they share any of his specific technical concerns even though their bottom line judgment would be that the building is safe for operation.

I would like to discuss this with you on August 22nd.

R. Vollmer

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