



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

J. Kane

OCT 6 1980

Docket Nos. 50-329/330

MEMORANDUM FOR: Frank Miraglia, Acting Chief
Licensing Branch No. 3
Division of Licensing

THRU: *[Signature]* James P. Knight, Assistant Director
for Components and Structures Engineering
Division of Engineering

FROM: George E. Lear, Chief
Hydrologic and Geotechnical Engineering Branch
Division of Engineering

SUBJECT: INTERROGATORY QUESTIONS REQUESTED BY OELD FOR
MIDLAND HEARING

Plant Name: Midland Plants, Units 1 and 2
Licensing Stage: Post CP
Docket Numbers: 50-329/330
Responsible Branch: LB No. 3, D. Hood, LPM
Requested Completion Date: N/A

The following questions are provided in response to William Paton's request (OELD) for interrogatory input for the Midland project. It is our understanding that additional questions may be asked after October 29, 1980 following the deposition inquiries.

1. Have any laboratory consolidation tests been conducted on samples of plant fill that were recovered in the Diesel Generator Building foundation area since the removal of the surcharge load in August of 1979?
2. What is the reason for the discrepancy in the magnitude of the loading stress indicated on Figure 2 (September 14, 1980 Report, "Discussions of the Applicant's Position on the Need for Additional Borings") with information previously provided in response to NRC Question No. 4, Table No. 4-1A (Volume 1) and on Table 2.5-14 of the FSAR (Volume 4)? This concern involves both dead and live loads at foundation elevation 628 feet at the time of surcharge and for long term plant operation conditions.

George E. Lear
George E. Lear, Chief
Hydrologic and Geotechnical
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cc: See page 2

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Frank Miraglia

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OCT 6 1980

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J. Kane
Rec'd. 10/10/80

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

10/9/80

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

| | | |
|--------------------------------|---|-----------------------|
| In the Matter of |) | |
| CONSUMERS POWER COMPANY |) | Docket Nos. 50-329-OM |
| (Midland Plant, Units 1 and 2) |) | 50-330-OM |
| |) | 50-329-OL |
| |) | 50-330-OL |

NRC STAFF INTERROGATORIES
TO CONSUMERS POWER COMPANY

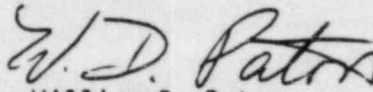
Pursuant to 10 C.F.R. § 2.740b, the NRC Staff serves the following inter-rogatories on Consumers Power Company.

1. Have any laboratory consolidation tests been conducted on samples of plant fill that were recovered in the diesel generator building foundation area since the removal of the surcharge load in August of 1979?
2. If the answer to interrogatory one is yes, please provide results and conclusion with regard to future settlement of the diesel generator building.
3. What is the reason for the discrepancy in the magnitude of the loading stress indicated on Figure 2 (September 14, 1980 Report, "Discussions of the Applicant's Position on the Need for Additional Borings") with information previously provided in response to NRC

~~801414548~~ ucc.

Question No. 4, Table No. 4-1A (Volume 1) and on Table 2.5-14 of the FSAR (Volume 4)? This concern involves both dead and live loads at foundation elevation 628 feet at the time of surcharge and for long term plant operation conditions.

Respectfully submitted,



William D. Paton
Counsel for NRC Staff

Dated at Bethesda, Maryland
this 9th day of October, 1980.

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

| | | |
|--------------------------------|---|-----------------------|
| In the Matter of |) | |
| CONSUMERS POWER COMPANY |) | Docket Nos. 50-329-OM |
| (Midland Plant, Units 1 and 2) |) | 50-330-OM |
| |) | 50-329-DL |
| |) | 50-330-OL |

CERTIFICATE OF SERVICE

I hereby certify that copies of "NRC STAFF INTERROGATORIES TO CONSUMERS POWER COMPANY" in the above-captioned proceeding have been served on the following by deposit in the United States mail, first class, or as indicated by an asterisk, through deposit in the Nuclear Regulatory Commission's internal mail system, this 9th day of October, 1980:

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