

MAR 31 1980

MEMORANDUM FOR: L. S. Rubenstein, Acting Chief
Light Water Reactors Branch No. 4, DPM

FROM: Robert E. Jackson, Chief
Geosciences Branch, DSS

SUBJECT: INFORMATION REQUEST FROM DETROIT DISTRICT
CORPS OF ENGINEERS

PLANT NAME: Midland Plant, Units 1 & 2
 LICENSING STAGE: Post CP
 DOCKET NUMBERS: 50-329/330
 RESPONSIBLE BRANCH: LWR-4; D. Hood, LPM
 REQUESTED COMPLETION DATE: N/A
 REVIEW STATUS: Continuing

We request that DPM obtain the documents identified in the enclosed March 13, 1980 letter from P. McCallister, Chief, Engineering Division, Corps of Engineers to Dr. Robert E. Jackson. The requested reports in item 1a. of the enclosure are discussed in the 10 CFR 50.55(e) Reports, MCAR No. 24, Interim Reports 3, 4 and 5. The requested reports are understood to contain the results of soil investigations completed after the discovery of the settlement problem (August, 1978) and cover soil explorations, laboratory testing, survey instrumentation program and penetrometer soundings.

In addition to the above we request the following information which was briefly discussed during the February 27 and 28 site meeting.

- a. Typical installation details of each piezometer that was used to monitor pore water pressures during the plant fill surcharging program. This should include the type and actual elevations of the installed piezometers, the types of backfill material placed and their extent in the drilled hole.
- b. A description of the services to be performed by Consumer's Consultants, Drs. R. B. Peck, A. J. Hendron Jr., C. H. Gould and M. T. Davisson. This description should identify the extent of the continued involvement of the consultants in overseeing the remedial construction operations and in evaluating the success of the completed fixes in order to provide stable foundations for the involved structures.

OFFICE >						
SURNAME >						
DATE >						

MAR 31 1980

- 2 -

- c. The figures listed in the drawing summary of the interim reports to MCAR No. 24 (eg. Interim Reports 3, 4 and 5) which were not provided with the applicant's letter of February 11, 1980, even after noted figure replacements and redundancy are taken into account.

Original Signed by
R. E. Jackson

Robert E. Jackson, Chief
Geosciences Branch, DSS

Enclosure:
As stated

- cc: w/enclosure
- J. Knight
 - S. Varga
 - R. Jackson
 - G. Lear
 - L. Heller
 - D. Hood
 - W. Lawhead, Corps of Engineers
 - J. Kane

DISTRIBUTION:
DOCKET FILE (50-329/330)
GSB RDG

OFFICE	DSS:GSB <i>JDK</i>	DSS:GSB <i>HE</i>	DSS:GSB <i>REJ</i>		
SURNAME	JDKane:sb	HEller	REJackson		
DATE	3/28/80	3/28/80	3/28/80		

NCEED-T

3 MAR 1980

SUBJECT: NRC Midland Project, Information Request.

THRU: Division Engineer, North Central
ATTN: NCDED-F

TO: Dr. Robert Jackson
U.S. Nuclear Regulatory Commission
Division of Systems Safety
Mail Stop P-314
Washington D.C. 20555

1. The Detroit District Corps of Engineers requests that the Nuclear Regulatory Commission obtain copies of the following documents from Bechtel/Consumers Power Co. to facilitate our geotechnical review assistance;
 - a. Diesel Generator Building Foundation Data Survey Program - Goldberg, Ziono & Dunicliff Report
 - b. CPCO. consultants reports for Midland plant fill fixes and related memos covering meetings with these consultants.
 - c. Compaction Equipment Evaluation Report which was discussed during Midland site visit on 27 & 28 Feb 80.
 - d. Tank Farm Investigation; Midland Units 1 & 2, Job No. 7220, Oct. 79
2. The above mentioned documents should be forwarded to the Detroit District by 21 March 1980 to expedite project work. These documents are needed to aid in the evaluation of remedial action proposed by the applicant.

FOR THE DISTRICT ENGINEER

Benjamin J. McCreck
P. McALLISTER
Chief, Engineering Division