



UNITED STATES
NUCLEAR REGULATORY COMMISSION
ADVISORY COMMITTEE ON REACTOR SAFEGUARDS
WASHINGTON, D. C. 20555
May 14, 1982

MEMORANDUM FOR: William J. Dircks, Executive Director for
Operations
FROM: R. F. Fraley, Executive Director, ACRS
SUBJECT: FOUNDATION PROBLEMS AND RELATED REMEDIAL ACTIONS AT THE
MIDLAND PLANT SITE

Consistent with the request of the Office of Nuclear Reactor Regulation for comments, an Ad hoc ACRS Subcommittee has reviewed the foundation problems and related remedial actions at the Midland Plant Units 1 and 2. These issues were discussed during an April 29, 1982 meeting of the Ad hoc Subcommittee and during the 265th full Committee meeting (May 6-8, 1982). As a result of these meetings, the ACRS accepted the Subcommittee's recommendations that:

1. The ACRS Midland Plant Subcommittee review the adequacy of the seismic input criteria and the Site Specific Response Spectrum and its relation to the proposed permanent site dewatering as a means of reducing the probability of soil liquefaction due to an earthquake.
2. Subject to a finding by the Midland Plant Subcommittee regarding the adequacy of the seismic input criteria, the ACRS recognize the adequacy of the NRC Staff's efforts and consider the proposed remedial measures as a matter that can and should be resolved in a manner satisfactory to the NRC Staff.
3. The EDO be informed at this time that the ACRS has found the Staff's approach to be acceptable, subject to the further review mentioned in Item 1 above.

The seismic related issues at Midland are tentatively scheduled to be discussed during the May 20-21, 1982 Midland Plant Subcommittee meeting in Midland, MI. These issues and others related to the application of Consumers Power Company for a license to operate Midland Plant Units 1 and 2 are tentatively scheduled for review by the full ACRS during its 266th meeting (June 3-5, 1982).

CC:
H. Denton, NRR
E. Goodwin, NRR