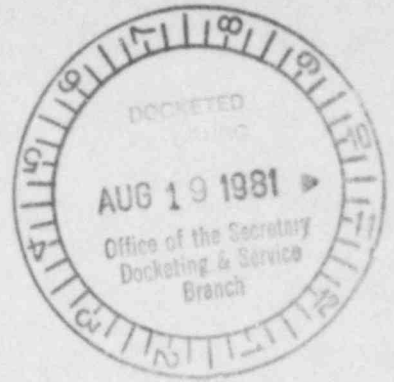


UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

ATOMIC SAFETY AND LICENSING BOARD

Before Administrative Judges:
Charles Bechhoefer, Chairman
Dr. Frederick P. Cowan
Ralph S. Decker



SERVED AUG 19 1981

In the Matter of
CONSUMERS POWER COMPANY
(Midland Plant, Units 1 and 2)

Docket Nos. 50-329 OM
50-330 OM

Docket Nos. 50-329 OL
50-330 OL

August 18, 1981

MEMORANDUM

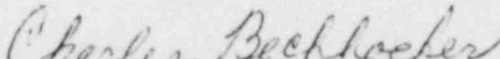
During the evidentiary hearing session on August 13, 1981, the Board approved a hearing schedule under which the seismic criteria for the Midland site are to be considered beginning October 13, 1981 (Tr. 4335). Prepared testimony is to be filed at least two weeks earlier--i.e., by September 29, 1981 (Tr. 4336).

It is our understanding that the Applicant will elect one of the two alternatives for selection of the Safe Shutdown Earthquake (SSE) and associated ground acceleration suggested in the letter dated October 14, 1980 from Robert L. Tedesco (NRC) to J. W. Cook of Consumers Power Co., titled "Seismological Input for the Midland Site." The first alternative is apparently based on a deterministic application of 10 CFR Part 100, Appendix A (utilizing the standardized response spectra of Regulatory Guide 1.60 anchored at 0.19g). The second appears to be a probabilistic approach which utilizes site specific response spectra.

DSO
3
1/1

If the Applicant should elect to rely upon the site specific response spectra approach, we request that both the Applicant and Staff file trial briefs discussing the compatibility of this approach with the requirements of 10 CFR Part 100, Appendix A. See, in particular, paragraphs V(a)(1)(ii) and (iv) of Appendix A. The Staff's brief should, inter alia, provide information concerning the Commission's approval of or other action, if any, with respect to the site specific response spectra approach. Parties other than the Applicant and Staff are invited to file such briefs, if they wish to do so. All such briefs should be filed no later than the time for filing prepared testimony concerning the SSE issue.

FOR THE ATOMIC SAFETY AND
LICENSING BOARD


Charles Bechhoefer, Chairman
ADMINISTRATIVE JUDGE

Dated at Bethesda, Maryland,
this 18th day of August, 1981.