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TERA

January 4, 1983

Mr. James W. Cook
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Mr. J. G. Keppler
Administrator, Region III
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137

Mr. D. G. Eisenhut
Director, Division of Licensing
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Re: Docket Nos. 50-329 OM, OL and 50-330 OM, OL
Midland Nuclear Plant - Units 1 and 2
Independent Design and Construction Verification (IDCV) Program
Structural Evaluation of the Diesel Generator Building -
Assessment of the Structural Performance Capability as
Potentially Affected by Settlement Induced Cracking

Gentlemen:

Attached is our recently completed engineering evaluation of the structural performance capability of the diesel generator building. This evaluation was undertaken in accordance with the defined scope of the IDCVP as part of our broader assessment of the quality of the design and constructed product of the Midland plant Standby Electric Power system. We are transmitting it to you because of its relevance to ongoing discussions concerning the potential effects of settlement induced cracking on the capability of the DGB to meet intended performance requirements over its service life.

We have concluded that the existing cracks, generally being of small size, are not indicative of a condition that would compromise the capability of the DGB in meeting its intended performance requirements. Furthermore, it is judged that significant future cracking is unanticipated and the DGB is expected to remain serviceable without further remedial action at this point in time. We have

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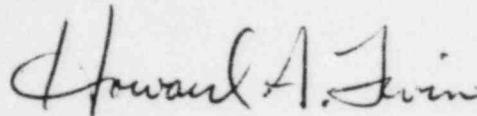
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reviewed Consumers Power Company's commitments to verify continued serviceability and have concluded that these are acceptable; however, we have offered certain recommendations for consideration that are intended to improve available information and reduce operational constraints.

Should you desire further articulation of the bases for our conclusions, we would welcome the opportunity for discussion.

Sincerely,



Howard A. Levin
Project Manager
Midland IDCVP Program

Enclosure

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Midland IDCVP Service List

HAL/si



SERVICE LIST FOR MIDLAND INDEPENDENT DESIGN
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