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Power  
Company

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June 1, 1984

82-12 #6

Mr J G Keppler, Regional Administrator  
US Nuclear Regulatory Commission  
Region III  
799 Roosevelt Road  
Glen Ellyn, IL 60137

MIDLAND ENERGY CENTER  
DOCKET NOS 50-329 AND 50-330  
SHEAR LUG DESIGN FOR EMBEDS  
FILE: 0.4.9.68 SERIAL: 30301

Reference: J W Cook letters to J G Keppler, Same Subject

- 1) Serial 19106, dated December 3, 1982
- 2) Serial 20721, dated March 1, 1983
- 3) Serial 22207, dated May 20, 1983
- 4) Serial 26603, dated November 22, 1983
- 5) Serial 28015, dated February 24, 1984

This letter is an interim 10CFR50.55(e) report regarding the use of shear lugs in embedment design.

Bechtel Engineering investigations indicate that the use of shear lugs outside the compression zone is an effective design technique and that no Midland project safety concerns exist as a result of its application. Consumers Power Company is reviewing the investigation reports.

Another report, either interim or final, will be submitted by September 28, 1984.

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PDR ADOCK 05000329  
S PDR

*James W. Cook*

JWC/WRB/rlm

CC: Document Control Desk, NRC  
Washington, DC

DSHood, USNRC  
Office of NRR

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INPO Records Center

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