



**Consumers  
Power  
Company**

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July 27, 1984

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

MIDLAND ENERGY CENTER PROJECT  
DOCKET NOS 50-329 AND 50-330 *OL*  
POTENTIAL DEFECTS IN MECHANICAL SHOCK ARRESTORS  
FILE: 0.4.9.83 SERIAL: 30356

Reference: J W Cook letters to J G Keppler, same subject:

- 1) Serial 26651, dated January 6, 1984
- 2) Serial 28041, dated March 16, 1984
- 3) Serial 30268, dated May 4, 1984

The referenced letters were interim 10CFR50.55(e) reports concerning defective capstan springs in Pacific Scientific mechanical shock arrestors. This is a final report.

Because further investigation could not eliminate the possibility of eventual capstan spring failure in Midland equipment and because those failures could have prevented some mechanical shock arrestors from performing their intended safety functions, this condition is considered reportable under the requirements of 10CFR50.55(e). Attachment 1 describes the investigation of the concern and the correction actions that have been completed or planned.

*James W. Cook*

JWC/AHB/cd

Attachment: 1) MCAR 75, Final Report, dated July 2, 1984

CC: Document Control Desk, NRC  
Washington, DC

Midland NRC Resident Office  
Midland Nuclear Plant

DSHood, USNRC Office of NRR

INPO Records Center

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RELATED CORRESPONDENCE

RELATED CORRESPONDENCE

James W Cook

Vice President - Projects, Engineering  
and Construction

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