



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION III  
799 ROOSEVELT ROAD  
GLEN ELLYN, ILLINOIS 60137

OCT 31 1980

Those on Attached Address Listing:

Enclosed is IE Circular No. 80-23 which requires consideration by you with regard to your nuclear power facility.

Should you have any questions regarding this circular or the actions recommended therein, please contact this office.

Sincerely,

*Charles E. Nozner*

*for*  
James G. Keppler  
Director

Enclosure: IE Information  
Notice No. 80-23

cc w/encl:  
Mr. D. W. Kane,  
Sargent & Lundy  
Reproduction Unit NRC 20b

Q 8101060109

RIII's CORPORATE ADDRESSES FOR OPERATING LICENSEES AND CONSTRUCTION PERMIT HOLDERS  
(BWR's and PWR's)

Docket No. 50-329  
Docket No. 50-330

Consumers Power Company  
ATTN: Mr. James W. Cook  
Vice President  
Midland Project  
1945 West Parnall Road  
Jackson, MI 49201

cc w/encl:  
Central Files  
Director, NRR/DPM  
Director, NRR/DOR  
PDR  
Local PDR  
NSIC  
TIC  
Ronald Callen, Michigan  
Public Service Commission  
Myron M. Cherry, Chicago

Docket No. 50-409

Dairyland Power Cooperative  
ATTN: Mr. F. W. Linder  
General Manager  
2615 East Avenue - South  
La Crosse, WI 54601

cc w/encl:  
Mr. R. E. Shimshak,  
Plant Superintendent  
✓ Central Files  
Director, NRR/DPM  
Director, NRR/DOR  
AEOD  
Resident Inspector, RIII  
PDR  
Local PDR  
NSIC  
TIC  
Mr. John Duffy, Chief  
Boiler Inspector

US NRC  
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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
OFFICE OF INSPECTION AND ENFORCEMENT  
WASHINGTON, D. C. 20555

October 31, 1980

IE Circular No. 80-23: POTENTIAL DEFECTS IN BELOIT POWER SYSTEMS EMERGENCY GENERATORS

BACKGROUND

This circular addresses a potential deficiency involving the field leads of generators manufactured by Beloit Power Systems. It is known that the subject generators have been coupled with Fairbanks Morse diesel engines for use in nuclear power facilities; however, it is not known whether they have been coupled with other diesel engines for such use. Accordingly, the intent of this circular is to notify all nuclear power facilities of the potential defect and to assure that appropriate remedial actions are taken, if needed.

The Nuclear Regulatory Commission was first informed of the potential defect by a phone call from Mr. R. H. Beadle of the Fairbanks Morse Engine Division of Colt Industries to Mr. D. W. Hayes of Region III on September 19, 1980. On September 20, 1980, a conference call was held between the NRC Duty Officer, personnel from Prairie Island Nuclear Power Station, Mr. Beadle of Fairbanks Morse and Mr. C. Evenson of Beloit Power Systems, the principal spokesman. The purpose of this call was to describe an inspection method which Prairie Island personnel could use to examine the field lead assemblies of their generators for the potential defect. (We have since been informed by the Resident Inspector that the field lead assemblies of the Prairie Island generators did not have the suspected defects.)

In order to disseminate this information on a timely basis, the NRC Duty Officer at Bethesda called those operating facilities which he knew were using the suspect generators on September 20 and 21, 1980. The information conveyed included a description of the potential defect and a description of the aforementioned inspection method. The operating facilities called were:

| FACILITY                   | NO. OF UNITS |
|----------------------------|--------------|
| Calvert Cliffs 1 and 2     | 3            |
| Crystal River 3            | 2            |
| Hatch 1 and 2              | 5            |
| Duane Arnold               | 2            |
| North Anna 1 and 2         | 4            |
| Millstone 1 and 2          | 3            |
| Robinson 2                 | 2            |
| Prairie Island             |              |
| Vermont Yankee             |              |
| Peach Bottom 2 and 3       |              |
| Arkansas Nuclear One, Unit |              |

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