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UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION V
1990 N. CALIFORNIA BOULEVARD
SUITE 202, WALNUT CREEK PLAZA
WALNUT CREEK, CALIFORNIA 94596

October 31, 1980

Docket No. 50-312

Sacramento Municipal Utility District
P. O. Box 15830
Sacramento, California 95813

Attention: Mr. John J. Mattimoe
Assistant General Manager

Gentlemen:

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,

R. H. Engelken
R. H. Engelken
Director

- Enclosures:
- 1. IE Circular No. 80-23
 - 2. Recently Issued IE Circulars

cc w/enclosures:
R. J. Rodriguez, SMUD
L. G. Schwieger, SMUD

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SSINS No.: 6830
Accession No.:
8008220243
IEC 80-23

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	
North Anna 1 and 2	
Millstone 1 and 2	
Robinson 2	
Prairie Island	
Vermont Yankee	
Peach Bottom 2 and 3	
Arkansas Nuclear One, Un	

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