

50-416

CREATORS OF ELECTRICAL
POWER SUPPLY SYSTEMS



POWER SYSTEMS
A MORRISON-KNUDSEN DIVISION

101 GELO ROAD / POST OFFICE BOX 1928
ROCKY MOUNT, NORTH CAROLINA 27801
PHONE: (919) 977-2720 / TWX: (510) 929-0725
TELEX 802507 PSD-RYMO

USNRC REGION II
ATLANTA, GEORGIA

83 AUG 17 A8:07

August 10, 1983

Nuclear Regulatory Commission
Region II Office
101 Marietta St., NW
Suite 3100
Atlanta, GA 30333

Attention: J. D. O'Reilly, Regional Manager

Reference: 10CFR21 - Report of Defect (PSD Report 10CFR21-0017)
Emergency Diesel Generator 2B-B
Parsons-Peebles Electric Products, Inc. A.C.
Synchronous Generator S/N 14701228

Gentlemen:

With reference to our report 10CFR21-0017, we have now identified the following United States Nuclear Plants for which Power Systems furnished generators which are effected. The generators were supplied to these Nuclear Plants by the General Electric Company.

Allens Creek IWO 6017
Grand Gulf IWO 377
Skagit IWO 6004
Black Fox IWO 6016

Attached is a copy of our notification to the General Electric Company.

Very truly yours,

POWER SYSTEMS
A MORRISON-KNUDSEN DIVISION

Harry W. Falter, P.E.
Division Engineer

HWF/voa

Attachment

cc: Murlin Grayson (M-K Boise)
W. Frank Jones (PSD)
Ed Martin (PSD)
Tom Iannuzzi (PSD)

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POWER SYSTEMS
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Serial No. 6017C-0-0158
Serial No. 377C-0-0231
Serial No. 6004C-0-0128
Serial No. 6016C-0-0165

General Electric Company
175 Curtner Avenue
San Jose, CA 95125

Attention: Mr. R. F. Pariani
M/C 521

Reference: Order No. 205-AG894, Allens Creek IWO 6017
Order No. 205-AD585, Grand Gulf IWO 377
Order No. 205-AG897, Skagit IWO 6004
Order No. 205-AG898, Black Fox IWO 6016

Gentlemen:

Parsons-Peebles/Electric Products Division has notified Power Systems that a possible problem exists with the generator supplied under the above referenced purchase orders.

The problem was found to be wear of the generator shaft insulation material under the inner race of the cylindrical roller bearing. The wear allowed the shaft to drop down and rub the bearing inner and outer oil seals (bearing cover). The insulation wear was caused by the turning or slipping of the inner bearing race.

The generator manufacturer is presently studying the problem to determine whether a generic defect exists and what corrective action may be required. We will advise you as soon as we receive the report.

Power Systems Division as well as TVA have notified the NRC in accordance with 10CFR21.

Very truly yours,

POWER SYSTEMS
A MORRISON-KNUDSEN DIVISION

Ed Martin
Manager-Contracts

EM/voa