

84 SEP 18 P 1: 09

September 14, 1984

Nuclear Regulatory Commission
Glen Ellen Office
799 Roosevelt Road
Glen Ellen, IL 60137

Attn: Mr. N. Jackiw

Subject: 10CFR21

Dear Mr. Jackiw:

This is to confirm my telephone call reporting suspected manufacturing and/or design defects on motor-alternator sets.

1. Problem discovered at:

Tennessee Valley Authority
Browns Ferry Nuclear Plant
Contract 78K5-823297
Alternating Current Motor-Generator Sets
Louis Allis Serial No. 8-127033 through -013

2. Defect:

- a. Rotor coil support blocks failed.
- b. Diode rings loose.

3. Action:

Plan established with representative of TVA for corrective action.

- a. Coil support blocks to be replaced with block of a different material.
- b. Diode rings - material to be changed.

Defect 2(b) may possibly affect the following installation:

1. LILCO - Shoreham Nuclear Plant

Specification SH1-439
Purchase Order 310950 and 364514-SSP
Alternating Current Motor Generator Sets
Louis Allis Serial No. 9-129576-001 through -004 and 3-143750-001

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2. Possible defect:

Loose diode rings. However, the ambient conditions are less severe at LILCO than at TVA.

3. Action:

- a. Representatives of LILCO Shoreham will be contacted no later than Oct. 17, 1984.
- b. An inspection program and corrective program, if needed, will be established.

The Louis Allis contact for all inspection and corrective action will be:

Mr. H.A. Schreiber
Manager, Customer Service
Louis Allis Division of Magnetek, Inc.
427 E. Stewart St.
Milwaukee, WI 53201
Telephone (414) 481-6000, Ext. 216

Very truly yours,

Cal C. Cummins
Vice President - Engineering

CCC/dkh

cc: Louis Allis:
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