UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
101 MARIETTA ST., N.W., SUITE 3100
ATLANTA, GEORGIA 30303

JAN 17 1980

In Reply Refer To:
RII:JPO
50-348
50-364

Alabama Power Company
Attn: F. L. Clayton, Jr.
Senior Vice President
Post Office Box 2641
Birmingham, Alabama 35291

Gentlemen:

The enclosed IE Circular No. 80-01 is forwarded to you for information and if applicable necessary action in accordance to the attached General Electric Company Service Advice 721-162.2. No written response to this Circular is required. If you have any questions related to the subject, please contact this office.

Sincerely,

James P. O'Reilly
Director

Enclosures:
1. IE Circular No. 80-01
2. List of Recently Issued IE Circulars

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

SSINS No.: 6830
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7912190644

January 17, 1980

IE Circular No. 80-01

SERVICE ADVICE FOR GENERAL ELECTRIC INDUCTION DISC RELAYS

Alabama Power Company reported to the NRC on October 16, 1979 a potential problem with certain General Electric Company induction disc type protective relays. A higher than normal pick-up value was caused by petroleum jelly lubricant which under high temperature conditions can migrate to the backstop. At room temperature the lubricant can become adhesive and cause pickup values to be higher than setpoint values.

General Electric (GE) laboratory confirmed some higher than normal pickup values and recommended that users determine whether relays meeting the following criteria are in use at their facilities:

(1) Relay type: IAC, IAV, ICR, or IJCV, AND

(2) The relay date code (which is printed on a 3/4" x 3/8" sticker affixed to the relay cradle) has a number less than 50, followed by any of the following two letter codes:

(a) Any first letter followed by H, J, K, L, or M; or

(b) The letter combinations AN, BN, CN, DN, EN, DG, EG, FG, GG, HG, JG, KG, LG or MG.

For example, 31GK would be considered, while 50 GK or 23HN would not be considered.

Experience has shown that the cleaning procedure recommended in GE Service Advice 721-162.1 may not in all cases remove all of the petroleum jelly which is lodged in place.

Based on the above, licensees are advised to apply G.E. Service Advice 721-162.2 (Enclosure A) to all relays that fall within the above two criteria.

No written response to this Circular is required. If you desire additional information regarding this matter contact the Director of the appropriate NRC Regional Office.

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Attachment:
GE Service Advice 721-162.2

DUPLICATE DOCUMENT

Entire document previously entered into system under:

ANO 7912190644

No. of pages: 5