

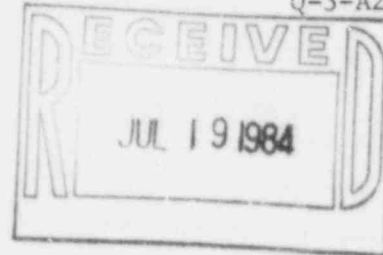


LOUISIANA
POWER & LIGHT

142 DELARONDE STREET
P. O. BOX 6008 • NEW ORLEANS, LOUISIANA 70174 • (504) 366-2345

July 13, 1984

W3P84-1912
Q-3-A20.03.18



Mr. John T. Collins
Regional Administrator, Region IV
U.S. Nuclear Regulatory Commission
611 Ryan Plaza Drive
Suite 1000
Arlington, Texas 76011

SUBJECT: Waterford 3 SES
Docket No. 50-382
IE Bulletin 84-02
Failures of General Electric Type HFA Relays In Use In Class IE
Safety Systems

REFERENCES: 1. IE Circular 76-02
2. IE Information Notice 81-01
3. IE Information Notice 82-13

Dear Mr. Collins:

IE Bulletin 84-02 was issued by the NRC on March 12, 1984 to inform licensees and CP holders about recent G.E. HFA relay failures that indicate they are similar in nature to previous G.E. HFA relay failures reported in references 1, 2 and 3. Failures in all cases were attributed to the deterioration of the coil wire insulation inherent in Nylon and Lexan coil spools.

Another purpose of IE Bulletin 84-02 was to ask licensees and CP holders to inform the NRC about their plans, including schedules, for implementing the manufacturer's recommendations attached to references 1, 2 and 3. In addition, licensees and CP holders were asked to provide information concerning their plans to upgrade surveillance of G.E. HFA relays and to justify continued operation in the interim.

At Waterford 3, it has been verified that both normally energized and normally de-energized G.E. HFA relays in safety-related systems contain Century Series coil spools or equivalent (ie. high temperature polyglass coils). Nylon or Lexan coil spools are not used in any safety-related G.E. HFA relays.

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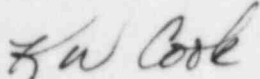
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Furthermore, LP&L has reviewed the general concerns expressed in IE Bulletin 84-02 for applicability to (1) different types of relays used for the same safety functions described in IE Bulletin 84-02 and (2) relays with similar materials used for other safety-related functions. A review of manufacturer's recommendations received by Ebasco Services, Inc., the LP&L Relay Group and various LP&L Nuclear Operations Groups indicate the general concerns expressed in IE Bulletin 84-02 do not apply to the above relays. Additionally, a review of Significant Construction Deficiency reports and interviews with key electrical startup personnel indicate the general concerns expressed in IE Bulletin 84-02 do not apply to the above relays. (In general, safety-related relays have no significant "past operating history" since Waterford 3 has not been issued an Operating License.)

Although General Electric has not recommended replacing Lexan coil spools with Century Series coil spools on safety-related HGA and HMA relays (HKA relays are not used at Waterford 3), LP&L plans to replace those Lexan coil spools with Century Series coil spools by the end of the first refueling outage at Waterford 3.

If you have any questions, please contact me at (504) 363-8773.

Yours very truly,



K.W. Cook
Nuclear Support and Licensing Manager

KWC/DWH/mlm

cc: U.S. Nuclear Regulatory Commission Document Control Desk, E.L. Blake,
W.M. Stevenson, J. Wilson, G.L. Constable, D.M. Crutchfield,
G.W. Knighton

Before the
UNITED STATES NUCLEAR REGULATORY COMMISSION

Docket No. 50-382

In the Matter of
LOUISIANA POWER & LIGHT COMPANY

IE Bulletin 84-02

Louisiana Power & Light Company, Applicant in the above captioned proceeding,
hereby files a response to IE Bulletin 84-02.

Respectfully submitted,
LOUISIANA POWER & LIGHT COMPANY

By: *K.W. Cook*
K.W. Cook
Manager
Nuclear Support & Licensing

DATE: July 13, 1984

STATE OF LOUISIANA)
) SS
PARISH OF ORLEANS)

K.W. Cook, being duly sworn, states that he is Manager, Nuclear Support & Licensing of Louisiana Power & Light Company and that he is authorized on the part of said company to sign and file with the Nuclear Regulatory Commission this report.

K.W. Cook
K.W. Cook

SUBSCRIBED AND SWORN to before me, a Notary Public, in and for the Parish and State above named, this 13th day of July, 1984.

[Signature]
Notary Public

MY COMMISSION EXPIRES:

WITH LIFE