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 FACIL: 50-389 St. Lucie Plant, Unit 2, Florida Power & Light Co.
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 RECIP. NAME: EISENHUT, D.G. RECIPIENT AFFILIATION: Division of Licensing

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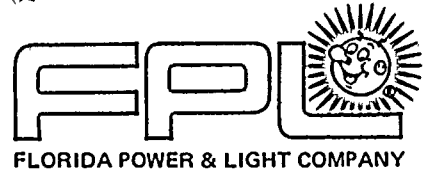
SUBJECT: Forwards minutes of 820225 telcon w/NRC re clarification of requirements for indications & alarms for Class 1E dc power sys per SER Section 8.3.2.

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March 17, 1982
L-82-102

Mr. D.G. Eisenhut
Director of Licensing
Division of Licensing
Nuclear Regulatory Commission
Washington, D.C.



REFERENCE: St. Lucie Unit No. 2
Docket No. 50-389

Dear Mr. Eisenhut:

Attached are the minutes of the telephone conference held February 25, 1982 between Messrs. V. Nerses and O. Chopra of the Nuclear Regulatory Commission and Messrs. J. Sheetz and J. Franklin of Florida Power & Light Company regarding clarification of the requirements for indications and alarms for the Class 1E dc power system for St. Lucie Unit No. 2.

Very truly yours,

Robert E. Uhrig
Vice President
Advanced Systems and Technology

REU/jlh

Attachment

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ATTACHMENT

Telephone Conference Minutes
February 25, 1982

Subject: Clarification of Safety Evaluation Report section 8.3.2 requirements for dc system alarms and indication.

Participants: Mr. V. Nerses - Nuclear Regulatory Commission
Mr. O. Chopra - Nuclear Regulatory Commission
Mr. J. Sheetz - Florida Power & Light Company
Mr. J. Franklin - Florida Power & Light Company

The Safety Evaluation Report, (SER) section 8.3.2 has stated that battery current, battery charger output current and battery charger output voltage will be displayed in the control room.

1. Florida Power and Light Co. will provide battery current (charge/discharge) ammeters in the control room on the electrical system portion of Reactor Turbine Generator (RTG) Board 201. We believe this addition will compliment the battery voltmeters presently installed on RTGB 201 and will serve to enhance operator awareness of dc system conditions. Installation of these meters will make use of the last available space on the electrical systems portion of RTGB 201. Installation of these meters will be complete prior to the operating license date (OL).
2. Florida Power and Light Co. will not provide battery charger voltage and current meters in the control room since this indication is provided locally on the individual battery chargers and acceptable space on RTGB 201 is not available. Malfunction or loss of a battery charger is annunciated in the control room for the following conditions: ac input breaker open, ac undervoltage, dc output breaker open and dc undervoltage by the common alarm labeled "Battery Charger Trouble". The previous indications coupled with the agreed upon addition of "Battery High Discharge Rate" alarm and battery charge/discharge ammeters will insure that any battery charges loss or malfunction will become quickly evident to the operator.

It was agreed by all parties that the above reasoning adequately justifies excluding the battery charger ammeters and voltmeters from the control room.

The Safety Evaluation Report (SER) section 8.3.2 indicated that a "Battery Charger Output Breaker Open" alarm should be provided in the control room.

Florida Power and Light Co.'s present design does not provide an independent annunciator window in the control room for "Battery Charger Output Breaker Open" alarm. It was noted that this condition presently actuates the "Battery Charger Trouble" alarm in the control room and that local indication of battery charger output breaker position was provided on the battery charger. Additional indication of a battery charger malfunction also available to the control room operator include the "Battery High Discharge Rate" alarm and the battery charge/discharge ammeters.

It was agreed by all parties that the common "Battery Charger Trouble" alarm when combined with the other noted indications, provided adequate assurance that the operator would be made aware of malfunction of the battery charger.

The above information will be reflected in a future amendment of the St. Lucie Unit 2 FSAR.

JCF/jlh

