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 FACIL:50-389 St. Lucie Plant, Unit 2, Florida Power & Light Co. 05000389
 AUTH.NAME AUTHOR AFFILIATION
 UHRIG,R.E. Florida Power & Light Co.
 RECIP.NAME RECIPIENT AFFILIATION
 EISENHUT,D.G. Division of Licensing

SUBJECT: Forwards results of light surveys of remote shutdown panel
 room.Surveys conducted to close out SER Item A.1.7.

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FLORIDA POWER & LIGHT COMPANY

March 3, 1983

L-83-119

Office of Nuclear Reactor Regulations
Attention: Mr. Darrell G. Eisenhut, Director
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Eisenhut:

Re: St. Lucie Unit No. 2
Docket No. 50-389
Supplement Information for SER Finding A.I.7

Please find attached, the results of light surveys conducted at the St. Lucie Unit No. 2 Remote Shutdown Panel Room. These surveys were conducted to support closing out of SER item A.I.7.

If you have any questions regarding this submittal, please contact us accordingly.

Very truly yours,

Robert E. Uhrig
Vice President
Advanced Systems and Technology

REU/RJS/MT/mp
Attachment
cc: J.P. O'Reilly, Region II
Harold F. Reis, Esquire

Boo!

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PEOPLE...SERVING PEOPLE

ATTACHMENT

REMOTE SHUTDOWN PANEL ROOM LIGHT SURVEY

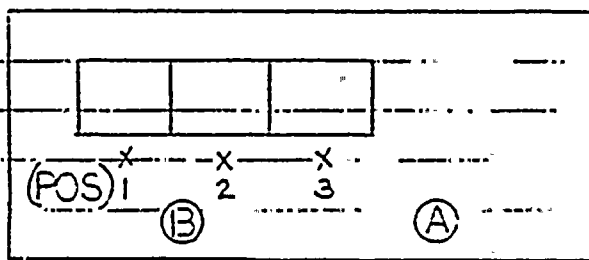
The purpose of this correspondence is to supplement information required under cover letters L-83-18, dated 1/14/83, and NTOL Human Engineering Report on St. Lucie Control Room (Supplement #1), dated 10/28/82.

The attached supplement survey provides data which is needed to facilitate closing our SER item A.1.7, for discrepancies pertaining to high illumination readings recorded during the initial light survey (ref. L-83-18, Section 3.1, part II, pg. 7). The method used for conducting the light survey was performed in the same manner as described in the referred NTOL, dated 10/28/82. Based on trials with various incandescent lamp sizes and reviewing recorded data, two 200 watt bulbs provided the optimum illumination levels to support adequate visual effectiveness for task performance during an emergency condition. FP&L considers the results obtained and the Preliminary Control Room Design Review effort to be satisfactorily complete.

ST LUCIE-UNIT 2
1/21/83

D.C. LTS. SURVEY - HSP RM.

DATA RECORD - (MEAS. IN FOOTCANDLES)



BULB WATTAGE:

(A) - 200 W
(B) - 200 W

CONDITION	HT	POS 1	POS 2	POS 3
1. "A & B" DIESELS (A.C. OFF)	30" 50" 74"	45 62 100	46 74 100	45 65 90
2. "A" DIESEL (ONLY)	30" 50" 74"	10 10 6	16 18 11	20 30 25
3. "B" DIESEL (ONLY)	30" 50" 74"	30 51 88	29 55 100	26 40 55

INSIR - IL410 PHOTOMETER
(SER #107)
PROBE (SER #1501)

