

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

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 ZIMMERMAN, S. R. Carolina Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION
 DENTON, H. R. Office of Nuclear Reactor Regulation, Director (post 851125)

SUBJECT: Forwards addl info re CRDR program, ^{see ltr} including revised
 Emergency Operating Procedures EOP-EPP-1 & EOP-EPP-015, per
 discussions w/SN Saba. Dyna-tape control panels will be
 replaced. Further enhancement of valve controls under review.

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NOTES: Application for permit renewal filed. 05000400

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Carolina Power & Light Company

SERIAL: NLS-86-184

MAY 30 1986

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
United States Nuclear Regulatory Commission
Washington, DC 20555

SHEARON HARRIS NUCLEAR POWER PLANT
UNIT NO. 1 - DOCKET NO. 50-400
CONTROL ROOM DESIGN REVIEW - ADDITIONAL INFORMATION

Dear Mr. Denton:

Carolina Power & Light Company (CP&L) hereby submits additional information concerning the SHNPP Control Room Design Review (CRDR) Program. This information was requested per discussions with Dr. Saba N. Saba and provides the level of detail required for the NRC to adequately assess the SHNPP CRDR Program. The topics covered by the attachments are listed below:

- MCB Light Box Readability
- CR Color Code Matrix
- AEP-1 Review
- Annunciator Light Box (ALB-15416) Drawing
- EOP-EPP-1
- EOP-EPP-15
- Discussion of MCB design changes prior to the design freeze

The dyna-tape currently on the the Control Room control panels will be replaced during the control panel enhancement phase. The yellow and green "dots" noted on the AEP-1 photos are dyna-tape indications for the Control Room operators. These will also be replaced during the panel enhancements. The yellow tape signifies "Safety Injection" while the green signifies "Feedwater Isolation."

Further enhancement/demarcation of the Pressurizer and Reactor Head Vent Valve Controls on AEP-1 is under consideration. Changes made will be consistent with the MCB design and applicable Human Factors criteria.

Should you have any questions concerning this submittal or the SHNPP CRDR Program, please contact Mr. Arnold Schmich at (919) 836-8759.

Yours very truly,

S. R. Zimmerman
Manager

Nuclear Licensing Section

AWS/pgp (3705AWS)

Attachment

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|-------------------------------------|--------------------------------|
| cc: Mr. B. C. Buckley (NRC) W/A | Mr. Wells Eddleman W/A |
| Mr. G. F. Maxwell (NRC-SHNPP) W/A | Mr. John D. Runkle W/A |
| Dr. J. Nelson Grace (NRC-R11) W/A | Dr. Richard D. Wilson W/A |
| Dr. Saba N. Saba (NRC) (2) W/A | Mr. G. O. Bright (ASLB) W/A |
| Mr. Travis Payne (KUDZU) W/A | Dr. J. H. Carpenter (ASLB) W/A |
| Mr. Daniel F. Read (CHANGE/ELP) W/A | Mr. J. L. Kelley (ASLB) W/A |
| Mr. T. S. Moore (ASLAB) | Dr. R. L. Gotchy (ASLAB) |
| Wake County Public Library W/A | Mr. H. A. Wilber |

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