

The Light company

Houston Lighting & Power

P.O. Box 1700 Houston, Texas 77001 (713) 228-9211

December 28, 1989
ST-HL-AE-3319
File No.: G9.17, J34, G9.14
10CFR50

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555

South Texas Project Electric Generating Station
Units 1 and 2
Docket Nos. STN 50-498, STN 50-499
Control Room Design Review Status

- Reference: A. Control Room Design Review Status; M. A. McBurnett, HL&P, Letter to the NRC; ST-HL-AE-2793; dated October 18, 1988.
- B. Reforecast of Category C Human Engineering Deficiencies (HEDs) Originally Scheduled for Unit 1 Refueling; M. A. McBurnett, HL&P, Letter to the NRC; ST-HL-AE-3074; dated May 11, 1989.

Enclosed are updates to the Control Room Design Review (CRDR) reports for the South Texas Project Electric Generating Station (STPEGS) as follows:

- Executive Summary - Addendum 5
- Human Engineering Discrepancy Resolution Report - Addendum 4
- Program Plan - Addendum 1

These reports reflect the status of the STPEGS CRDR program as of December 1, 1989. Revision bars are used in the HED Resolution Report Addendum to denote changes from the previous submittal (Reference A), where applicable. For Human Engineering Discrepancies (HEDs) which have been resolved, a specific completion statement is included for each Unit, as appropriate. Where no completion statement is included, corrective action for that HED is still in process. Since the Executive Summary and Program Plan Addenda consist of new material, no revision bars are used. Refer to Attachment 2, Section 5.0 (Executive Summary - Addendum 5) for the current implementation schedule.

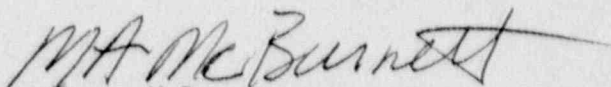
9001030142 891228
PDR ADOCK 05000498
P FDC

*Ac03
11 Limited
Dist*

Most of the HEDs concerning the Qualified Display Processing System (QDPS) have been corrected through firmware modifications prepared by Westinghouse. These modifications were implemented during the first refueling outage for Unit 1 and prior to Commercial Operation for Unit 2. Implementation of the remaining minor graphics changes remains scheduled for the third refueling outage for each Unit (Reference A). QDPS items are discussed further in Attachment 3 (HED Resolution Report - Addendum 4, Note CPT-1, Page 2-3).

HL&P remains committed to the Control Room Design Review Program as an ongoing program. The CRDR Program Plan describes the process used during the STP construction phase. Addendum 1 to the Program Plan has been prepared to address CRDR activities, now that both Units are operational, and is included as Attachment 4.

Attachment 1 contains a current list of CRDR reports for your information. If you should have any questions on this matter, please contact Mr. A. W. Harrison at (512) 972-7298.


M. A. McBurnett
Manager
Support Licensing

MAM/SDP/eg

Attachments: (1) List of Current Control Room Design Review Reports
(2) Executive Summary - Addendum 5
(3) Human Engineering Discrepancy Resolution Report - Addendum 4
(4) Program Plan - Addendum 1

Houston Lighting & Power Company
South Texas Project Electric Generating Station

ST-HL-AE- 3319
File No.: G9.17, J34, G9.14
Page 3

cc:

Regional Administrator, Region IV
Nuclear Regulatory Commission
611 Ryan Plaza Drive, Suite 1000
Arlington, TX 76011

George Dick, Project Manager
U.S. Nuclear Regulatory Commission
Washington, DC 20555

J. I. Tapia
Senior Resident Inspector
c/o U. S. Nuclear Regulatory
Commission
P. O. Box 910
Bay City, TX 77414

J. R. Newman, Esquire
Newman & Holtzinger, P.C.
1615 L Street, N.W.
Washington, DC 20036

D. E. Ward/R. P. Verret
Central Power & Light Company
P. O. Box 2121
Corpus Christi, TX 78403

J. C. Lanier
Director of Generation
City of Austin Electric Utility
721 Barton Springs Road
Austin, TX 78704

R. J. Costello/M. T. Hardt
City Public Service Board
P. O. Box 1771
San Antonio, TX 78296

Rufus S. Scott
Associate General Counsel
Houston Lighting & Power Company
P. O. Box 61867
Houston, TX 77208

INPO
Records Center
1100 Circle 75 Parkway
Atlanta, GA 30339-3064

Dr. Joseph M. Hendrie
50 Bellport Lane
Bellport, NY 11713

D. K. Lacker
Bureau of Radiation Control
Texas Department of Health
1100 West 49th Street
Austin, TX 78704

Revised 12/15/89

L4/NRC/

CONTROL ROOM DESIGN REVIEW REPORTS

Volume	Current Revision	Date
1. Program Plan	1	03/31/83
Addendum 1	-	12/01/89
2. Criteria Report	2	03/27/84
Addendum 1	-	06/03/85
Change 1	-	12/22/86
3. Operating Experience Review Report	0	03/25/83
4. System Function & Task Analysis Report	0	03/25/83
5. Control Room Survey (CRS) Report		
Volume I	Original	(3/30/84)
Volume II	0	03/30/84
Volume III	0	03/30/84
Volume IV	Original	(3/30/84)
6. Annunciator Study Report	0	03/29/84
7. Special Studies Report	0	03/30/84
8. Implementation Plan Report	0	03/28/83
9. System Function & Task Analysis Validation Report	0	03/19/84
10. Operating Experience Review Validation Report	0	03/07/84
11. Control Room Survey Validation Report	0	03/07/84

() - Indicates submittal, although no revision or date appears on document

CONTROL ROOM DESIGN REVIEW REPORTS

Volume	Current Revision	Date
12. Executive Summary	0	02/27/84
Addendum 1	-	04/15/85
Addendum 2	-	12/22/86
Addendum 3	-	11/23/87
Addendum 4	-	09/30/88
Addendum 5	-	12/01/89
13. Human Engineering Deficiency Resolution Report	0	04/15/86
Revised Pages	1	08/12/85
Addendum 1	-	12/22/86
Addendum 2	-	11/23/87
Addendum 3	-	09/30/88
Addendum 4	-	12/01/89
14. Emergency Operating Procedures Validation Report	0	12/22/86

() - Indicates submittal, although no revision or date appears on document