

The Light company

Houston Lighting & Power South Texas Project Electric Generating Station P. O. Box 280 Wadsworth, Texas 77483

May 4, 1992
ST-HL-AE-4082
File No.: G03.11
10CFR50
10CFR50.61

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

South Texas Project Electric Generating Station
Unit 2
Docket No. STN 50-499
Submittal Pursuant to 10CFR50 Appendix H

Reference: Letter ST-AE-HL-92870, "Request for extension for submittal of report pursuant to 10 CFR part 50, Appendix H, South Texas Project, Unit 2" dated October 8, 1991 from Suzanne C. Black (USNRC) to Donald P. Hall (HL&P)(TAC No. 1481016)

Pursuant to 10CFR50 Appendix H, Houston Lighting & Power Company (HL&P) submits the enclosed WCAP-13182, "Analysis of capsule V from the HL&P South Texas Unit 2 Reactor Vessel Radiation Surveillance Program". As discussed in the above reference, this report presents the results of the examination of Capsule V, the first capsule to be removed from the reactor in the continuing surveillance program which monitors the effects of neutron irradiation on the Unit 2 reactor pressure vessel materials under actual operating conditions.

In addition WCAP-13251, "Evaluation of Pressurized Thermal Shock for South Texas Unit 2" is enclosed pursuant to 10CFR50.61. The purpose of WCAP-13251 is to determine the PTS values for the Unit 2 reactor vessel and address the revised Pressurized Thermal Shock (PTS) Rule. As shown in the report, the RT_{PTS} values remain below the NRC screening values for PTS using the projected pressure vessel fluence values for the end-of-life 32 effective full power years.

If you should have any questions on this matter, please contact Mr. A. W. Harrison at (512) 972-7298 or me at (512) 972-7205.

180110

William J. Jump
William J. Jump
Manager,
Nuclear Licensing

SDP/

MISC191-154.L01

A Subsidiary of Houston Industries Incorporated

9205200006 920504
PDR ADOCK 00000499
P PDR

A049
11

Houston Lighting & Power Company
South Texas Project Electric Generating Station

ST-HL-AE-4082
File No.:G03.11
Page 2

cc: NO ATTACHMENTS

Regional Administrator, Region IV
Nuclear Regulatory Commission
611 Ryan Plaza Drive, Suite 400
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/T. M. Puckett
Central Power and Light Company
P. O. Box 2121
Corpus Christi, TX 78403

J. C. Lanier/M. B. Lee
City of Austin
Electric Utility Department
P.O. Box 1088
Austin, TX 78767

K. J. Fiedler/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 78756-3189

Revised 10/11/91

L4/NRC/