

The Light company

Houston Lighting & Power, South Texas Project Electric Generating Station P. O. Box 289 Wadsworth, Texas 77483

November 2, 1995
ST-HL-AE-5227
File No.: G21.02
10CFR50.36

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

South Texas Project
Unit 2
Docket No. STN 50-499
Special Report Regarding Plugging of Steam Generator Tubes

Pursuant to the requirements of South Texas Project Technical Specifications 4.4.5.5a and 6.9.2, South Texas Project submits this Special Report regarding plugging of Unit 2 steam generator tubes.

South Texas Project completed the inservice inspection of the Unit 2 steam generators on October 22, 1995. Twenty-two percent (22%) of all tubes were non-destructively examined full length using bobbin coil eddy-current techniques. Additionally, all tubes were tested with motorized rotating pancake coil (MRPC) eddy current at the hot leg top-of-tubesheet and approximately 200 tubes were MRPC tested at tube support plates and special interest areas. All tube plugs were visually inspected for evidence of leakage.

Three tubes with single volumetric indications were plugged as were 6 tubes with single axial indications. Two tubes with defects that did not violate objective criteria were plugged as a preventive measure against defect development. A total of 11 tubes were plugged as a result of eddy-current testing indications.

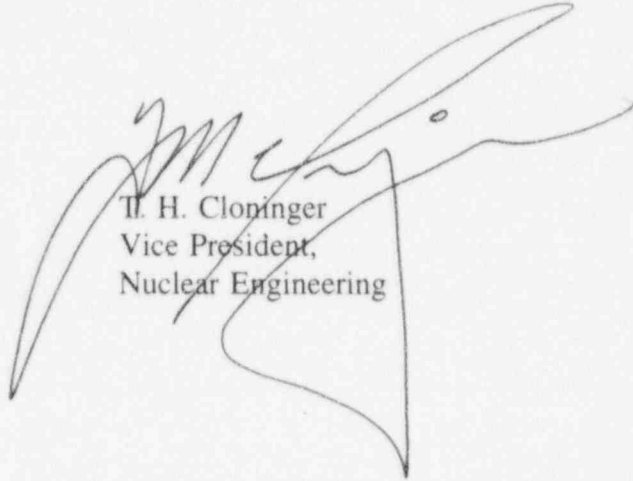
In addition to these 11 tubes plugged for indications of wear, corrosion or other reasons, 2 Westinghouse ribbed, mechanical replacement alloy 690 plugs (in the same tube) were retired from service as a preventive measure. Welded plugs were installed at these locations. Therefore all Westinghouse replacement mechanical plugs have been removed from service.

MISC-95/5227

9511070386 951102
PDR ADOCK 05000499
S PDR
Project Manager on Behalf of the Participants in the South Texas Project

JE 22/0

If you should have any questions, please contact Mr. A. C. McIntyre at
(512) 972-8597 or me at (512) 972-8787.



T. H. Cloninger
Vice President,
Nuclear Engineering

KJT/lf

c:

Leonard J. Callan
Regional Administrator, Region IV
U. S. Nuclear Regulatory Commission
611 Ryan Plaza Drive, Suite 400
Arlington, TX 76011-8064

Thomas W. Alexion
Project Manager
U. S. Nuclear Regulatory Commission
Washington, DC 20555-0001 13H15

David P. Loveless
Sr. Resident Inspector
c/o U. S. Nuclear Regulatory Comm.
P. O. Box 910
Bay City, TX 77404-0910

J. R. Newman, Esquire
Morgan, Lewis & Bockius
1800 M Street, N.W.
Washington, DC 20036-5869

K. J. Fiedler/M. T. Hardt
City Public Service
P. O. Box 1771
San Antonio, TX 78296

J. C. Lanier/M. B. Lee
City of Austin
Electric Utility Department
721 Barton Springs Road
Austin, TX 78704

Central Power and Light Company
ATTN: G. E. Vaughn/C. A. Johnson
P. O. Box 289, Mail Code: N5012
Wadsworth, TX 77483

Rufus S. Scott
Associate General Counsel
Houston Lighting & Power Company
P. O. Box 61067
Houston, TX 77208

Institute of Nuclear Power
Operations - Records Center
700 Galleria Parkway
Atlanta, GA 30339-5957

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

Richard A. Ratliff
Bureau of Radiation Control
Texas Department of Health
1100 West 49th Street
Austin, TX 78756-3189

U. S. Nuclear Regulatory Comm.
Attn: Document Control Desk
Washington, D. C. 20555-0001

J. R. Egan, Esquire
Egan & Associates, P.C.
2300 N Street, N.W.
Washington, D.C. 20037

J. W. Beck
Little Harbor Consultants, Inc.
44 Nichols Road
Cohasset, MA 02025-1166