

PDR

The Light company

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

September 23, 1980

ST-HL-AE-544

SFN: V-0530

Mr. Karl Seyfrit
Director, Region IV
Nuclear Regulatory Commission
611 Ryan Plaza Drive, Suite 1000
Arlington, Texas 76012

Dear Mr. Seyfrit:

South Texas Project
Units 1&2
Docket Nos. STN 50-498, STN 50-499
Third Interim Report Concerning
Material Control of ASTM A-325
Structural Steel Bolts



On June 17, 1980, pursuant to 10CFR50.55(e), Houston Lighting & Power Company notified your office of a potentially reportable deficiency concerning material control of ASTM A-325 Structural Steel Bolts. Interim Reports on this subject were submitted to your office on July 17, 1980 and August 22, 1980. The attachment to this letter constitutes the Third Interim Report concerning this deficiency. An update to the status of this concern will be submitted to your office by November 7, 1980.

Should there be any questions, please contact Mr. M. E. Powell at (713) 676-8592.

Very truly yours,


M. E. Powell, Jr.
Executive Vice President

MEP/ngb
Attachment

8102250405

S

September 23, 1980

ST-HL-AE-544

SFN: V-0530

Page 2

cc: D. G. Barker
Howard Pyle
H. R. Dean
R. L. Beeth
J. D. Parsons
R. L. Waldrop
A. J. Granger
R. A. Frazar
M. D. Scwharz (Baker & Botts)
R. Gordon Gooch (Baker & Botts)
J. R. Newman (Lowenstein, Newman, Reis, Axelrad & Toll)
Director, Office of Inspection & Enforcement
Nuclear Regulatory Commission
Washington, D. C. 20555

M. L. Borchelt
Executive Vice President
Central Power & Light Company
P. O. Box 2121
Corpus Christi, Texas 78403

R. L. Range
Central Power & Light Company
P. O. Box 2121
Corpus Christi, Texas 78403

R. L. Hancock
Director of Electrical Utilities
City of Austin
P. O. Box 1088
Austin, Texas 78767

T. H. Muehlenbeck
City of Austin
P. O. Box 1088
Austin, Texas 78767

J. B. Poston
Assistan General Manager of Operations
City Public Service Board
P. O. Box 1771
San Antonio, Texas 78296

A. vonRosenberg
City Public Service Board
P. O. Box 1771
San Antonio, Texas 78296

Charles Bechoefer, Esquire
Chairman, Atomic Safety & Licensing Board
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dr. James C. Lamb, III
313 Woodhaven Road
Chapel Hill, North Carolina 27514

Dr. Emmeth A. Luebke
Atomic Safety & Licensing Commission
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Steven A. Sinkin, Esquire
116 Villita Street
San Antonio, Texas 78205

Citizens for Equitable Utilities
c/o Ms. Peggy Buchorn
Route 1, Box 432
Brazoria, Texas 77422

Richard W. Lowerre, Esquire
Assistant Attorney General for the State of Texas
P. O. Box 12548
Capitol Station
Austin, Texas 78711

Henry J. McGurren, Esquire
Hearing Attorney
Office of the Executive Legal Director
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

ATTACHMENT

THIRD INTERIM REPORT CONCERNING MATERIAL CONTROL OF ASTM-A325 STRUCTURAL STEEL BOLTS September 23, 1980

DESCRIPTION OF DEFICIENCY

At the South Texas Project Electric Generating Station (STPEGS) an investigation of an apparent premature inventory shortage of Category I Structural Steel Bolts revealed inadequate material control practices in effect, and incomplete material traceability documentation as provided by one Category I bolt supplier. Improper segregation and identification of Category I and non-Category I structural steel bolts, both of ASTM A-325 high strength steel, has allowed bolts procured under a non-Category I specification to be released for Category I applications. Most of these bolts were supplied, however, with Certified Material Test Reports (CMTR's) which would allow the material traceability required for Category I applications. This deficiency is documented in Nonconformance Report (NCR) S-4377. Previous Interim Reports have identified four Action Items in progress, in order to resolve this potentially reportable deficiency. Action Items and status of these items are as follows:

ACTION ITEM (1)

Release of Structural Steel Bolts for Category I applications has been halted under Stop Work #S-22 until full material traceability is established.

Status-Partial release on Stop Work #22 allows installation of bolts for which CMTR's have been provided. Bolts installed under this partial release are color coded for ready identification.

ACTION ITEM (2)

Documentation for installed bolts in Category I applications is being identified and located.

Status-All bolt supplier's have been contacted and have verified they can and will provide CMTR's for all bolts delivered. Approximately 60% of the required CMTR's have been received, with the remainder expected shortly.

ACTION ITEM (3)

Material Control methods and procedures are being evaluated for necessary modifications and improvements.

Status-All used and galvanized bolts are being scrapped so that only certified Category I structural bolts will be on site. All new orders are purchased as Category I bolts. The possibility of further installation of non-Category I bolts has therefore been eliminated. General Construction Procedure A040KPGCP-22 (General Material Receiving and Storage) provided adequate procedural requirements to prevent improper handling of the bolts. However, these requirements were not thoroughly followed. Letters have been

issued which direct warehouse personnel not to issue material unless requisitions are properly completed. Requisition completion is now to additionally include a material control authorized signature. Also, all warehouse personnel have received formal training on proper preparation of material requisitions to avoid acceptance and/or processing of material requisitions which have not been properly prepared.

ACTION ITEM (4)

Documentation and Quality requirements contained in Category I Structural Steel and Miscellaneous Steel specifications are being reassessed to determine the adequacy of the bolts installed.

Status-Complete. CMTR's will be furnished by all suppliers for previously purchased bolts and all future purchases will require CMTR's prior to receiving.

RECURRENCE CONTROL

The corrective actions stated above will preclude any recurrence of deficiencies concerning material control.

SAFETY EVALUATION

There is no indication of any hardware problem which would lead to a potential safety hazard. Upon receipt of the remaining CMTR's for previously installed bolts, the necessary documentation will be available to meet Category I requirements of full material traceability for these ASTM A-325 structural steel bolts.