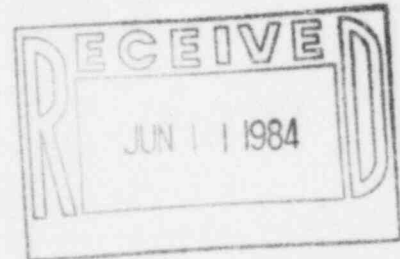


The Light company

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

ST-HL-AE-1091
File No.: G12.108



Mr. John T. Collins
Regional Administrator, Region IV
Nuclear Regulatory Commission
611 Ryan Plaza Dr., Suite 1000
Arlington, Texas 76012

Dear Mr. Collins:

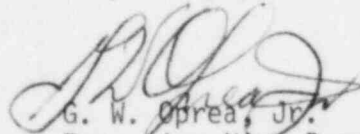
South Texas Project
Units 1 & 2
Docket Nos. STN 50-498, STN 50-499
Final Report Concerning
Hayward-Tyler Pumps

On February 16, 1983, pursuant to 10CFR50.55(e), Houston Lighting & Power Company (HL&P), notified your office of a potentially reportable item concerning pumps manufactured by the Hayward-Tyler Pump Company (HTPC).

In our letter of March 9, 1983 (reference ST-HL-AE-940), HL&P indicated that the next report concerning this item would be submitted sixty (60) days after receipt of the NRC final report. Although the NRC has not yet released their final report, HL&P believes that sufficient information is available to submit a final report. Therefore, the attachment to this letter contains our final report.

If you should have questions concerning this item, please contact Mr. Michael E. Powell at (713) 993-1328.

Very truly yours,


G. W. Oprea, Jr.
Executive Vice President

MEP/mpg

Attachment: Final Report Concerning Hayward-Tyler Pumps

9406180301 840403
PDR ADOCK 05000498
S PDR

W2/NRC1/p

IE-2711

cc:

Darrell G. Eisenhut, Director
Division of Licensing
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Victor Nerses, Project Manager
U.S. Nuclear Regulatory Commission
7920 Norfolk Avenue
Bethesda, MD 20016

D. P. Tomlinson
Resident Inspector/South Texas Project
c/o U.S. Nuclear Regulatory Commission
P. O. Box 910
Bay City, TX 77414

M. D. Schwarz, Jr., Esquire
Baker & Botts
One Shell Plaza
Houston, TX 77002

J. R. Newman, Esquire
Newman & Holtzinger, P.C.
1025 Connecticut Avenue, N.W.
Washington, DC 20036

Director, Office of Inspection
and Enforcement
U.S. Nuclear Regulatory Commission
Washington, DC 20555

E. R. Brooks/R. L. Range
Central Power & Light Company
P. O. Box 2121
Corpus Christi, TX 78403

H. L. Peterson/G. Pokorny
City of Austin
P. O. Box 1088
Austin, TX 78767

J. B. Poston/A. vonRosenberg
City Public Service Board
P. O. Box 1771
San Antonio, TX 78296

Brian E. Berwick, Esquire
Assistant Attorney General for
the State of Texas
P. O. Box 12548, Capitol Station
Austin, TX 78711

Lanny Sinkin
Citizens Concerned About Nuclear Power
114 W. 7th, Suite 220
Austin, TX 78701

Robert G. Perlis, Esquire
Hearing Attorney
Office of the Executive Legal Director
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Charles Bechhoefer, Esquire
Chairman, Atomic Safety & Licensing Board
U.S. Nuclear Regulatory Commission
Washington, DC 20555

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

Judge Ernest E. Hill
Hill Associates
210 Montego Drive
Danville, CA 94526

William S. Jordan, III, Esquire
Harmon & Weiss
1725 I Street, N.W.
Suite 506
Washington, DC 20006

Citizens for Equitable Utilities, Inc.
c/o Ms. Peggy Buchorn
Route 1, Box 1684
Brazoria, TX 77422

South Texas Project
Units 1 & 2
Final Report Concerning
Hayward-Tyler Pumps

I. Summary

As a result of an NRC inspection of the Hayward-Tyler Pump Company (HTPC), several instances of nonconformance with the requirements of the HTPC Quality Assurance (QA) program were identified. The South Texas Project (STP) was specifically mentioned in two of the nonconformances. These two instances were programmatic in nature and not hardware related. To date, a significant safety hazard has not been identified.

II. Description of the Incident

On February 16, 1983, pursuant to 10CFR50.55(e), Houston Lighting & Power Company (HL&P), notified the NRC Region IV of a potentially reportable item concerning pumps manufactured by HTPC.

HL&P received a copy of the NRC Inspection/Investigation Report of HTPC (Inspection Reports 82-01, 02, 03, 04; Docket No. 99900345) from the NRC resident inspector at the STP on February 9, 1983, and performed a preliminary review of the findings in the subject report. These inspections/investigations were conducted by the NRC as a result of allegations received by the NRC pertaining to the HTPC QA program. The NRC concluded that several instances of nonconformances with the requirements of the HTPC QA program were identified and that deficiencies existed in the implementation of the HTPC QA program. The report also identified that uncertainties still remain regarding the quality of certain aspects of hardware associated with nuclear ASME Code pumps or pump parts delivered by HTPC to NRC licensees during the period 1977-1981 and that the NRC staff was currently evaluating the significance of the identified nonconformances and uncertainties with respect to performance reliability of pumps furnished to various nuclear sites and the effects of postulated failures on the specific systems in which the pumps are installed. Lastly, the report identified that upon receipt of the HTPC response to the inspection report, the staff would complete its evaluation and communicate the results to affected licensees.

HL&P purchased fifty-two (52) HTPC pumps for installation at STP. Twenty-eight (28) were originally intended to be installed in safety-related systems. Of these 28 safety-related HTPC pumps, only 22 will now be installed at STP.

A list of the affected pumps and their service application is as follows:

<u>Quantity</u>	<u>Service Application</u>
2/unit	Reactor Makeup Water pumps
3/unit	Essential Cooling Water screen wash booster pumps
3/unit	Component Cooling Water pumps
3/unit	Essential Cooling Water pumps

Previously, the Electrical Auxiliary Building (EAB) chilled water system was to have utilized 6 HTPC pumps (3/unit); however, the system has been redesigned and the 6 subject pumps will not be used at the STP.

The review of the report by HL&P identified only two instances where the STP is specifically mentioned. For these two instances, the concerns appear to be programmatic in nature and not hardware related (i.e., a significant safety hazard has not yet been identified).

In addition NRC IE Bulletin 83-05, "ASME Nuclear Code Pumps and Spare Parts Manufactured by the Hayward-Tyler Pump Company," has been reviewed by HL&P. The requirements of the Bulletin have been addressed by HL&P and appropriate actions are being implemented as identified in our response to the Bulletin (ST-HL-AE-985, dated August 12, 1983). The response identified that (a) HL&P will develop inservice test requirements for each affected HTPC pump installed at the STP in accordance with ASME Section XI, (b) a performance test will be performed on each HTPC pump in accordance with the HTPC "Expanded Commission Tests and Inspections" procedure as submitted with the subject Bulletin and (c) an ASME Code system Hydrostatic Pressure Test will be performed in accordance with our Quality Control and Construction Site Procedures.

III. Corrective Action

Although no specific correction action is required to resolve this deficiency, HL&P will be testing the pumps as delineated in our response to NRC IE Bulletin 83-05.

IV. Recurrence Control

No specific recurrence control measures are required.

V. Safety Analysis

No hardware related deficiencies have been identified. Therefore, pursuant to 10 CFR 50.55(e) there would be no adverse effect on the safety of operation of STP.