

MAR 17 1988

In Reply Refer To:
Dockets: 50-498
50-499

Houston Lighting & Power Company
ATTN: J. H. Goldberg, Group Vice
President, Nuclear
P.O. Box 1700
Houston, Texas 77001

Gentlemen:

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION - IEB 85-03
SOUTH TEXAS UNITS 1 AND 2

We have received your letters of June 2, 1986, and February 27, 1987, pertaining to South Texas Units 1 and 2, containing their response to IEB 85-03, "Motor-Operated Valve Common Mode Failures During Plant Transients Due to Improper Switch Settings". The review of your responses indicates the need for additional information to ensure acceptability of your program to assure valve operability.

The specific information necessary for the completion of our review is attached. In order for NRC to meet our schedule, it will be necessary for you to furnish this requested information within thirty days from the date of this letter.

Please contact Mr. D. M. Hunnicutt of this office (817) 860-8137 should you have any questions regarding this matter.

Sincerely,

Original Signed By:

A. B. BEACH

L. J. Callan, Director
Division of Reactor Projects

Attachment

cc:

Houston Lighting & Power Company
ATTN: M. A. McBurnett, Manager
Operations Support Licensing
P.O. Box 289
Wadsworth, Texas 77483

PE/DRP/D
DHunnicutt:cnm
3/16/88

DRP/D
GLconstable
3/16/88

DRP
LJCallan
3/17/88

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PDR ADOCK 05000498
Q PDR

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Houston Lighting & Power Co.

-2-

cc's (continued)

Houston Lighting & Power Company
ATTN: Gerald E. Vaughn, Vice President
Nuclear Operations
P.O. Box 1700
Houston, Texas 77001

Houston Lighting & Power Company
ATTN: S. L. Rosen
P.O. Box 289
Wadsworth, Texas 77483

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

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

City of Austin Electric Utility
ATTN: R. J. Miner, Chief Operating
Officer
721 Barton Springs Road
Austin, Texas 78704

Texas Radiation Control Program Director

bcc distrib. by RIV:

DRP

R. D. Martin, RA
Section Chief (DRP/D)

RIV File

D. Hunnicutt

Richard J. Kiesel, NRR

P. Kadambi, NRR

DRS

RPSB-DRSS

Carl Berlinger, Chief

Generic Communications Branch

Division of Operational Events

Assessment, Office of NRR

MAR 7 1988

REQUEST FOR ADDITIONAL INFORMATION (RAI) RE:

Review of Responses to Action Item e of IE Bulletin 85-03

Licensee:
Houston Lighting & Power Company
P. O. Box 1700
Houston, Texas 77001

Unit(s): South Texas 1,2
Date of Response: 06-02-86
02-27-87

Respondent:
J. H. Goldberg,
Group Vice President,
Nuclear

The information provided in your response to Action Item e of IE Bulletin 85-03 was found to be deficient in some areas. Provide the additional information necessary to resolve the following comments and questions:

1. Has water hammer due to valve closure been considered in the determination of pressure differentials? If not, explain.
2. The AFW MOVs listed for testing in the responses of 06-02-86 and 02-27-87 are shown on Drawing 5S149F00024 Revision 7, in discharge lines to the steam generators. Verify that these valves are truly paired in series to each steam generator. Page 27 of the WOG Report of March 1986 shows them paired in parallel.
3. Revise the response of 02-27-87 to include the following MOVs, or justify their exclusion. In accordance with Action Item a of the bulletin, assume inadvertent equipment operations.
 - (a) HPSI MOVs XSI-0001A, -B and -C are shown normally open in the upper left corners of drawings 5N129F05013, -5014, and -5015, respectively, all Revision 6. These valves are located in suction lines which lead from the RWST to the SI pumps.
 - (b) Valves XCV-0112B and -0113A (VCT Suction), XCV-0112C and -0113B (RWST Suction), XCV-8348 (CCP Pump 1A Miniflow) and XCV-8377A and -8377B (Centrifugal Charging Pumps to RCS Cold Legs) are shown on FSAR Figure 9.3.4-3, Amendment 56.
 - (c) Valve XCV-0025 (Normal Charging) is shown normally open on FSAR Figure 9.3.4-1, Amendment 56, and as HV-8106 on Page 24 of the WOG Report.

4. Unlisted MOVs 0143 and 0514 are shown in series in the steam line supplying the AFW Turbine, in Zone H-8 of Drawing 5S149F00024 Revision 7. Revise the response of 02-27-87 to include these valves, or justify their exclusion, assuming inadvertent equipment operations.
5. State the expected date for completion of Action Item f. The specified date for Unit 1 is January 15, 1988.
6. The proposed program for action items b, c and d of the bulletin is incomplete. Provide the following details as a minimum:
 - (a) commitment to a training program for setting switches and maintaining valve operators,
 - (b) commitment to justify continued operation of a valve determined to be inoperable (for Unit 1 only), and
 - (c) description of a method possibly needed to extrapolate valve stem thrust measured at less than maximum differential pressure.