

The Light company

Houston Lighting & Power

South Texas Project Electric Generating Station P. O. Box 289 Wadsworth, Texas 77483

September 10, 1990

ST-HL-AE-3565

File No.: G09.11

10CFR50.54

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

South Texas Project Electric Generating Station
Units 1 and 2

Docket Nos: STN 50-498, STN 50-499

Submittal of Operations Quality Assurance Plan, Revision 8

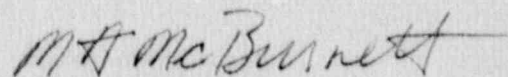
Pursuant to 10CFR50.4, Houston Lighting & Power Company (HL&P) submits for approval Revision 8 of the Operations Quality Assurance Plan (OQAP). The OQAP has been revised in order to include in more detail the criteria of Chapter 17.2 of the Updated Final Safety Analysis Report (UFSAR). After approval of the OQAP by the NRC, HL&P plans to delete Chapter 17.2 from the UFSAR, thereby eliminating the need for maintaining two documents with virtually identical contents and purpose.

Although the OQAP is submitted in its entirety for completeness, Chapters 16, 17 and 18 were not revised and therefore, do not require NRC approval. In order to provide a more expeditious and thorough review, HL&P is also submitting a cross reference between sections of Chapter 17.2 of the UFSAR and the applicable sections of the OQAP.

In accordance with discussions held with NRC Region IV personnel, HL&P understands that future changes made to the OQAP will be submitted annually and changes to the OQAP are subject to the requirements of 10CFR50.59 and 10CFR50.54.

HL&P has reviewed this revision to the OQAP in accordance with 10CFR50.59 and 10CFR50.54 and has determined there is no reduction of effectiveness in the OQAP or unreviewed safety question.

If you should have any questions on this matter, please contact Mr. A. W. Harrison at (512) 972-7298 or myself at (512) 972-8530.



M. A. McBurnett
Manager,
Nuclear Licensing

PGB/

Attachments: (1) UFSAR to OQAP Cross Reference/Inclusion Verification
(2) Operations Quality Assurance Plan, Revision 8

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PDR ADOCK 05000498
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A Subsidiary of Houston Industries Incorporated

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Houston Lighting & Power Company
South Texas Project Electric Generating Station

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NOTE: The above copies distributed without attachments except as
noted by asterik (*).

Revised 08/31/90

UFSAR TO OQAP CROSS REFERENCE/INCLUSION VERIFICATION

Page 1.

Section	UFSAR Para	Chapter	OQAP Para	Remarks
17.2	1	1.0	2.1	
17.2	2	2.0	5.6.1	
17.2	3	N/A	N/A	Refers to OQAP
17.2.1	--	--	--	
17.2.1.1	--	--	--	
17.2.1.1.1	1	1.0	5.1	
17.2.1.1.1	2	1.0	5.1.1	
17.2.1.1.2	1	2.0	5.7.1	Org. Change, for NSRB See Chap. 1.0, 5.1.5
17.2.1.1.2	2	N/A	N/A	VPNA no longer exists - See Chap 1.0, 5.1.5
17.2.1.1.2	3	N/A	N/A	VPNA no longer exists
17.2.1.1.2	4	1.0	5.1	
17.2.1.1.2	5	1.0	5.1.6	
17.2.1.1.2	6	1.0	5.1.6	
17.2.1.1.2	7	1.0	5.1.1	
			5.1.6	
17.2.1.1.3	1	1.0	5.1.2	
			5.1.2.1	
17.2.1.1.3	2	1.0	5.1.2	
17.2.1.1.3	3	1.0	5.1	
17.2.1.1.3	4	1.0	5.1.2.1	
17.2.1.1.3	5	13.0	5.2.10	
17.2.1.1.3	6	1.0	5.1	
17.2.1.1.3	7	1.0	5.1.2.2	
17.2.1.1.3	8	1.0	5.1.2.2	
17.2.1.1.4	1	1.0	5.1.3	Modified to current responsibilities
17.2.1.1.4	2	1.0	5.1.3	Modified to current responsibilities
17.2.1.1.4	3	1.0	5.1.3.1	
17.2.1.1.4	4	1.0	5.1.3.1	
17.2.1.1.5	1	1.0	5.1.4	Title change - See Chap. 1.0, 5.1.4.2 for HR-N
17.2.1.1.5	2	1.0	5.1.4	Title/responsibility change
17.2.1.1.5	3	1.0	5.1	
17.2.1.1.5	4	1.0	5.1.4.1	Title change
17.2.1.1.5	5	1.0	5.1.4.1	
17.2.1.1.5	6	1.0	5.1.4.2	
17.2.1.1.5	7	1.0	5.1.4.2	Title change
17.2.1.2	1	2.0	5.3.1	
		1.0	5.1.1	
17.2.1.2	2	2.0	5.3.2	
17.2.1.2	3	2.0	5.3.3	
17.2.1.3	1	2.0	5.4.1	
17.2.1.3	2	2.0	5.4.2	
17.2.1.3	3	1.0	5.1.6	
17.2.1.3	4	2.0	5.4.3	Updated text
17.2.1.4	1	2.0	5.5.1	
17.2.1.4	2	2.0	5.5.2	

ATTACHMENT 1
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Section	UFSAR Para	Chapter	QOAP Para	Remarks
17.2.2	--	--	--	
17.2.2.1	1	2.0	5.6.1	
17.2.2.1	2	1.0	5.0	
		2.0	2.1	
17.2.2.2	1	2.0	5.7.1	
17.2.2.2	2	2.0	5.7.2	
17.2.2.2	3	2.0	5.7.3	
17.2.2.3	1	2.0	5.8.1	
17.2.2.4	1	2.0	5.9.1	
17.2.2.4	2	2.0	5.9.2	
17.2.2.5	1	2.0	5.11.1	
17.2.2.5	2	2.0	5.11.2	
17.2.2.6	1	2.0	5.10.1	
17.2.2.6	2	2.0	5.10.2	
17.2.2.6	3	2.0	5.10.3	
17.2.2.6	4	2.0	5.10.4	
17.2.2.7	1	2.0	5.12.1	
17.2.2.7	2	2.0	5.12.2	
17.2.2.8	1	0	5.13.1	
17.2.2.8	2		5.13.2	
17.2.2.8	3		5.13.3	
17.2.2.8	4	2.0	5.13.4	
17.2.2.9	1	2.0	5.14.1	
17.2.2.9	2	2.0	5.14.1	
17.2.2.10	1	2.0	5.15.1	
17.2.3	--	--	--	
17.2.3.1	1	6.0	5.1	
			5.2	
17.2.3.1	2	6.0	5.1	
			5.9	
			5.2	
17.2.3.1	3	10.0	5.1.1	
		15.0	5.1.2	
17.2.3.2	1	6.0	5.2.4	
17.2.3.3	1	6.0	5.2.1	
17.2.3.3	2	10.0	5.1.1	
			5.1.2	
17.2.3.4	1	6.0	5.4.1	
17.2.3.4	2	6.0	5.4.1.1	
17.2.3.4	3	6.0	5.4.2	
			5.4.3	
			5.4.4	
17.2.3.4	4	6.0	5.4.4	
17.2.3.4	5	6.0	5.11	
			5.2.3	
17.2.3.4	6	6.0	5.7	
17.2.3.5	1	6.0	5.3	
			5.5	
			5.6	
		8.0	5.4.4	
17.2.3.6	1	6.0	5.6	
			5.13	
17.2.4	--	--	--	

Section	UFSAR Para	Chapter	QQAP Para	Remarks
17.2.4.1	1	7.0	5.2.1	
17.2.4.1	1-1.	7.0	5.2.1.1	
17.2.4.1	1-2.	7.0	5.2.1.2	
17.2.4.1	1-3.	7.0	5.2.1.3	
17.2.4.1	1-4.	7.0	5.2.1.5	
17.2.4.1	1-5.	7.0	5.2.1.6	
17.2.4.1	1-6.	7.0	5.2.1.7	
17.2.4.1	1-7.	7.0	5.2.1.8	
17.2.4.1	1-8.	7.0	5.2.1.9	
17.2.4.1	1-9.	7.0	5.2.1.10	
17.2.4.1	1-10.	7.0	5.2.1.11	
17.2.4.1	2	7.0	5.1.3.2	
17.2.4.2	1	7.0	5.1.1	
17.2.4.2	2	7.0	5.1.2	
17.2.4.2	2-1.	7.0	5.1.2.1	
17.2.4.2	2-2.	7.0	5.1.2.2	
17.2.4.2	2-3.	7.0	5.1.2.3	
17.2.4.3	1	7.0	5.4.1	
17.2.4.3	2	7.0	5.1.3	
17.2.5	--	--	--	
17.2.5.1	1	2.0	5.9.1	
			5.9.3.3	
			5.9.4.3	
17.2.5.2	1	2.0	5.9.1	
17.2.6	--	--	--	
17.2.6.1	1	8.0	5.1	
			5.2	
			5.3	
17.2.6.1	2	8.0	5.2	
17.2.6.2	1	8.0	5.4	
17.2.6.2	1-1.	8.0	5.4	
			5.4.1	
17.2.6.2	1-2.	8.0	5.4.2	
17.2.6.2	1-3.	8.0	5.5	
17.2.6.2	1-4.	8.0	5.4.5	
17.2.6.2	1-5.	8.0	5.4.4	
17.2.5.2	2	8.0	2.1	
17.2.6.2	2-1.	8.0	2.1	
17.2.6.2	2-2.	8.0	2.1	
17.2.6.2	2-3.	8.0	2.1	
17.2.6.2	2-4.	8.0	2.1	
17.2.6.2	2-5.	8.0	2.1	
17.2.6.2	2-6.	8.0	2.1	
17.2.6.2	2-7.	8.0	2.1	
17.2.6.2	2-8.	8.0	2.1	
17.2.6.2	2-9.	8.0	2.1	
17.2.6.2	2-10.	8.0	2.1	
17.2.6.2	2-11.	8.0	2.1	
17.2.6.2	2-12.	8.0	2.1	
17.2.6.2	3	8.0	5.1	
			5.6	
17.2.6.2	4	8.0	5.5	
			5.6	

Section	UFSAR Para	Chapter	OQAP Para	Remarks
17.2.6.3	1	8.0	5.2	
17.2.6.3	2	1.0	5.1.1	
			5.1.6	Title change
17.2.6.3	3	1.0	5.1.2.1	
		8.0	5.3	
17.2.6.3	4	8.0	5.7.3	
17.2.6.3	5	8.0	5.7.1	
			5.7.2	
17.2.6.3	6	10.0	5.1.6.1	
			5.1.1	
17.2.6.3	7	8.0	5.6	
17.2.7	--	--	--	
17.2.7.1	1	7.0	5.1.2.2	
17.2.7.1	1-1.	7.0	5.1.2.3	
			5.1.1	
17.2.7.1	1-2.	7.0	5.4.1.1	
17.2.7.1	1-3.	7.0	5.3	
			5.4.1.2	
17.2.7.1	1-4.	7.0	5.4.3	
17.2.7.1	1-5.	7.0	5.5.6.5	
17.2.7.1	1-6.	7.0	5.5.6.5	
17.2.7.1	1-7.	7.0	5.5.8	
17.2.7.1	1-8.	7.0	5.5.9	
17.2.7.1	1-9.	7.0	5.4.1.2	
			5.6.2	
17.2.7.1.1	1	7.0	5.4.1.1	
17.2.7.1.1	2	7.0	5.4.1.2	
17.2.7.1.1	2-1.	7.0	5.4.1.2	
17.2.7.1.1	2-2	7.0	5.4.1.2	
17.2.7.1.1	2-3.	7.0	5.4.1.2	
17.2.7.1.1	3	7.0	5.4.1.3	
17.2.7.1.1	4	7.0	5.4.3	
17.2.7.1.1	5	7.0	5.4.3	
17.2.7.1.2	1	7.0	5.6.1.1	
17.2.7.1.2	2	7.0	5.4.3.1	
17.2.7.1.3	1	7.0	5.5.1	
17.2.7.1.3	2	7.0	5.5.5	
17.2.7.1.3	3	7.0	5.5.6	
17.2.7.1.3	3-1.	7.0	5.5.6.1	
17.2.7.1.3	3-2.	7.0	5.5.6.2	
17.2.7.1.3	3-3.	7.0	5.5.6.3	
17.2.7.1.3	3-4.	7.0	5.5.6.4	
17.2.7.1.3	3-5.	7.0	5.5.6.5	
17.2.7.1.3	4	7.0	5.5.7	
17.2.7.1.4	1	7.0	5.5.8.1	
17.2.7.1.4	1-1.	7.0	5.5.8.1	
17.2.7.1.4	1-2.	7.0	5.5.8.1	
17.2.7.1.4	1-3.	7.0	5.5.8.1	
17.2.7.1.4	1-4.	7.0	5.5.8.1	
17.2.7.1.4	1-5.	7.0	5.5.8.1	
17.2.7.1.4	2	7.0	5.5.9	
17.2.7.1.5	1	7.0	5.6.1	
17.2.7.2	1	7.0	5.6.2	
17.2.8	--	--	--	

Section	UFSAR Para	Chapter	OQAP Para	Remarks
17.2.8.1	1	7.0	5.5.6	
		7.0	5.5	
		9.0	5.2	
17.2.8.2	1	9.0	5.3	
			5.4	
17.2.8.2	2	9.0	5.2.2.3	
17.2.9	--	--	--	
17.2.9.1	1	5.0	5.5.1	
17.2.9.1	1-1.	5.0	5.5.1	
17.2.9.1	1-2.	5.0	5.5.1	
17.2.9.1	1-3.	5.0	5.5.1	
17.2.9.1	1-4.	5.0	5.5.1	
17.2.9.1	1-5	5.0	5.5.1	
17.2.9.1	2	5.0	5.5.1.2	
			5.5.1.3	
17.2.9.2	1	5.0	5.5.1	
17.2.9.3	1	5.0	5.5.2.1	
17.2.9.4	1	5.0	5.5.1.4	
17.2.9.5	1	4.0	5.3.3	
17.2.10	--	--	--	
17.2.10.1	1	10.0	2.1	
			5.1.1	
17.2.10.1.1	1	10.0	5.1.1	
17.2.10.1.1	2	10.0	5.1.3	
17.2.10.1.1	2-1.	10.0	5.1.3.1	
17.2.10.1.1	2-2.	10.0	5.1.3.2	
17.2.10.1.2	1	10.0	5.1.1	
17.2.10.1.2	1-1	10.0	5.1.1.1	
17.2.10.1.2	1-2.	10.0	5.1.1	
17.2.10.1.2	1-3.	10.0	5.1.1.2	
17.2.10.1.2	1-4.	10.0	5.1.1.3	
17.2.10.1.2	1-5.	10.0	5.1.8	
17.2.10.1.2	1-6.	10.0	5.1.1.4	
17.2.10.1.2	1-7.	10.0	5.1.1.5	
17.2.10.1.2	1-8.	10.0	5.1.12.1	
17.2.10.1.2	2	10.0	5.1.1.4	
			5.1.7	
			5.1.8	
17.2.10.1.3	1	10.0	5.1.4.1	
17.2.10.1.4	1	10.0	5.1.5.1	
17.2.10.2	1	10.0	5.1.6.1	
		7.0	5.4.3.1	
17.2.10.3	1	10.0	5.1.12.1	
17.2.11	--	--	--	
17.2.11.1	1	11.0	5.1	
17.2.11.1.1	1	11.0	5.1.2	
17.2.11.1.1	2	11.0	5.3	
			5.7	
17.2.11.1.1	3	11.0	5.1.1	
17.2.11.1.2	1	11.0	5.7	
17.2.11.2	1	11.0	5.2	
			5.4	
17.2.11.2	1-1.	11.0	5.4.1	
17.2.11.2	1-2.	11.0	5.4.2	
17.2.11.2	1-3.	11.0	5.4.3	

Section	UFSAR Para	Chapter	OOAP Para	Remarks
17.2.11.2	1-4.	11.0	5.4.4 6.1	
17.2.11.2	1-5	11.0	5.4.5	
17.2.11.2	1-6.	11.0	5.4.6	
17.2.11.2	1-7.	11.0	5.4.7	
17.2.11.2	1-8.	11.0	5.4.8	
17.2.11.2	1-9.	11.0	5.4.9	
17.2.11.2	1-10.	11.0	5.4.10	
17.2.11.3	1	11.0	5.5 5.9 6.1	
17.2.12	--	--	--	
17.2.12.1	1	12.0	1.1 5.2	
17.2.12.1	2	12.0	5.0	
17.2.12.1	2-1.	12.0	5.0	
17.2.12.1	2-2.	12.0	5.4	
17.2.12.1	2-3.	12.0	5.4.1	
17.2.12.1	2-4	12.0	5.1	
17.2.12.1	2-5	12.0	5.3	
17.2.12.1	2-6	12.0	5.3	
17.2.12.1	2-7	12.0	5.5	
17.2.12.1	2-8	12.0	5.7	
17.2.12.1	3	12.0	5.2 5.0 10.0 11.0	5.1.2.1 5.1.1.5 5.4.3
17.2.12.1	4	12.0	5.12	
17.2.12.2	1	12.0	6.1	
17.2.13	--	--	--	
17.2.13	1	9.0	5.1	
17.2.13	2	9.0	5.3.1 5.3.2	
17.2.13	3	9.0	5.3.2	
17.2.13	4	9.0	5.3.1	
17.2.13	5	9.0	5.3.1 5.4.2	
17.2.13.1	1	9.0	5.4.1 5.7	
17.2.13.2	1	9.0	5.4.2	
17.2.13.3	1	7.0	5.2.1.1	
17.2.13.4	1	9.0	5.6.1	
17.2.13.4	2	9.0	5.6.1	
17.2.13.5	1	15.0	5.5	
17.2.13.5	1	9.0	6.1	
17.2.14	--	--	--	
17.2.14.1	1	3.0	5.4.1	
		5.0	5.1.2.2	
		11.0	5.8	
17.2.14.2	1	7.0	5.5.6.1	
			5.5.6.4	
17.2.14.2	2	3.0	5.3.1	

UFSAR Section	Para	Chapter	OQAP Para	Remarks
17.2.14.3	1	3.0	5.4	
17.2.14.3	1-1.	3.0	5.4.3	
17.2.14.3	1-2.	3.0	5.4.3	
17.2.14.3	1-3.	3.0	5.4.3	
17.2.14.3	1-4.	3.0	5.4.1	
17.2.14.3	1-5	3.0	5.4.2	
17.2.14.4	1	13.0	5.2.4	
17.2.14.5	1	7.0	5.2.1.4	
17.2.14.5	2	7.0	5.4.3.1	
17.2.14.6	1	3.0	5.1.3	
		8.0	5.6	
17.2.15	--	--	--	
17.2.15.1	1	13.0	5.2	
17.2.15.1	2	13.0	5.2	
17.2.15.1	3	13.0	5.2.4	
17.2.15.1	4	13.0	5.2.5.1	
17.2.15.1	4-1	13.0	5.2.5.1	
17.2.15.1	4-2	13.0	5.2.5.1	
17.2.15.1	4-3.	13.0	5.2.5.1	
17.2.15.1	4-4.	13.0	5.2.5.1	
17.2.15.1	5	13.0	5.2.5	
17.2.15.1	c	13.0	5.2.8	
17.2.15.2	1	7.0	5.2.1.7	
17.2.15.3	1	13.0	5.2.9	
17.2.15.4	1	13.0	5.7	
17.2.15.5	1	13.	5.5	
17.2.16	--	--	--	
17.2.16.1	1	13.0	5.2	
			5.3.3	
17.2.16.1	2	13.0	5.2	
17.2.16.1	3	13.0	5.2.5	
			5.2.6	
			5.2.7	
			5.6	
		15.0	5.1.7	
17.2.16.1	4	13.0	5.2.10	
17.2.16.2	1	13.0	5.4	
17.2.17	--	--	--	
17.2.17.1	1	14.0	5.1	
17.2.17.1	2	14.0	5.4	
			5.1.1	
17.2.17.1	3	14.0	5.1.1.1	
17.2.17.2	1	14.0	5.7	
17.2.17.3	1	14.0	5.4	
17.2.17.4	1	14.0	5.1	
17.2.18	--	--	--	
17.2.18.1	1	15.0	5.1	
17.2.18.1	2	15.0	5.1	
			5.3	
			5.6.6	
17.2.18.1	3	15.0	5.1	
17.2.18.1	3-1.	15.0	5.1.1	
17.2.18.1	3-2.	15.0	5.1.2	
17.2.18.1	3-3.	15.0	5.1.3	

Section	UFSAK Para	Chapter	OQAP Para	Remarks
17.2.18.1	3-4	15.0	5.1.4	
17.2.18.1	3-5.	15.0	5.1.5	
17.2.18.1	3-6.	15.0	5.1.6	
17.2.18.1	3-7.	15.0	5.1.7	
17.2.18.1	3-8.	15.0	5.1.8	
17.2.18.1	3-9.	15.0	5.1.9	
17.2.18.1	4	15.0	5.2.1	
17.2.18.1	5	7.0	5.4.1.2	
			5.4.2	
17.2.18.1	6	7.0	5.4.2	
			5.4.3	
17.2.18.2	1	15.0	5.4.1	
17.2.18.2	1-1.	15.0	5.4.1.1	
17.2.18.2	1-2.	15.0	5.4.1.2	
17.2.18.2	1-3.	15.0	5.4.1.3	
17.2.18.2	2	15.0	5.5	
17.2.18.2	3	15.0	5.4.2	
17.2.18.3	1	15.0	5.2.1	
17.2.18.4	1	15.0	5.2	
17.2.18.4	2	15.0	5.2.2	
17.2.18.5	1	15.0	5.1	
17.2.18.5	2	15.0	5.4.3	
			5.2.1	
17.2.18.5	3	15.0	5.4.3	