

# The Light company

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

March 31, 1994  
ST-HL-AE-4760  
File No.: G20.04  
10CFR50.47

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

South Texas Project  
Units 1 and 2  
Docket Nos. STN 50-498; STN 50-499  
Revised Response to Emergency Preparedness Exercise Weaknesses

- Reference:
1. Letter from J. F. Groth (HL&P) to U.S. NRC Document Control Desk, dated July 27, 1993. (ST-HL-AE-4518)
  2. Letter from J. F. Groth (HL&P) to U.S. NRC Document Control Desk, dated September 23, 1993. (ST-HL-AE-4572)
  3. Letter from J. J. Sheppard (HL&P) to U.S. NRC Document Control Desk, dated December 16, 1993. (ST-HL-AE-4658)

In July, September, and December 1993; Houston Lighting & Power Company (HL&P) submitted corrective action plans to address weaknesses identified with the Emergency Preparedness program. Since submitting this information, an in-depth self-evaluation of the South Texas Project Emergency Response Program was performed.

As a result, a comprehensive action plan and integrated schedule for 1994, as discussed with members of Region IV staff, has been developed and is being implemented. It addresses program weaknesses previously identified in References 1 and 2, and the root causes of long standing Emergency Response training issues. Key elements of this plan are:

1. Re-alignment of the Emergency Response Organization (ERO) to correlate emergency duties with assigned line management and station responsibilities.
2. Development of indoctrination training for new ERO candidates.

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MISC-94194-090.002

Project Manager on Behalf of the Participants in the South Texas Project

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F PDR

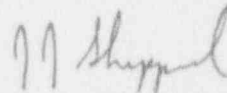
AO45/1

3. Construction and implementation of a series of performance based workshops. These workshops will be presented in a building block fashion (fundamentals before integrated operations). Providing training in this manner increases the ability of individuals to understand material by building on previous information and experience.
4. Conduct of workshops on a team basis to promote confidence and synergy; and increase proficiency.
5. Conduct of table top facility drills after each series of team workshops to reinforce lessons learned.
6. Conduct of initial and requalification course material throughout 1994.
7. Conduct of a series of combined functional drills throughout 1994 to maintain the desired level of proficiency.

This plan provides a more complete response to the concern raised in Weakness 9317-02, regarding technical assessment, diagnosis, and mitigative action in the Technical Support Center; accordingly it supersedes previous commitments made in References 1 and 3.

A copy of the integrated schedule is attached for your information. If you have any questions, please contact Mr. Paul L. Serra at (512) 972-8053 or me at (512) 972-8757.

Sincerely,



J. J. Sheppard  
General Manager  
Nuclear Licensing

RAF/esh

c:

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# STPEGS EMERGENCY RESPONSE MASTER 1994 INTEGRATED SCHEDULE

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
<b>A. TRAINING/DRILLS/EXERCISE PROGRAM</b>												
1. TRAINING												
2. W/ ZKSHOP												
3. 7 ABLE TOP DRILLS												
4. COMBINED FUNCTIONAL DRILLS												
5. DRESS REHEARSAL/EXERCISE												
6. SPECIAL DRILLS												
<b>B. SCENARIO DEVELOPMENT</b>												
1. SCENARIO REVIEW COMMITTEE												
2. SP 9401 CFD												
3. SP 9402 CFD												
4. SP 9403 DR												
5. SP 9404 EX												
<b>C. EMERGENCY RESPONSE FACILITIES/EQUIPMENT</b>												
1. FACILITY UPGRADE PLAN												
2. ERO ROSTER												
3. SIGNIFICANT IMPROVEMENT ITEMS												
4. MAINTAIN FACILITY MANUALS												
5. SURVEILLANCE PROGRAM												
6. FACILITY/E KIT INVENT.												
<b>D. OFFSITE EMERGENCY PLANNING</b>												
1. TRAINING												
2. EMERGENCY FACILITY												
3. PLAN/PROCEDURES												
4. DRILL/EXERCISE PROGRAM												
5. PROGRAM MAINTENANCE												
6. STATE/C/FEMA MEETINGS												
7. FEMA SCENARIO												
<b>E. EMERGENCY PLAN/PROCEDURES</b>												
1. PROGRAM MAINTENANCE												
2. PROGRAM AUDIT												
3. PROGRAM UPGRADE												
<b>F. PROGRAM MANAGEMENT/ADMINISTRATION</b>												
1. OPERATIONAL SELF-ASSESSMENT												
2. COMMITMENT ACTION TRACKING												
3. PROGRAM AUDITS/INSPECTIONS												
4. TRIPS/CONFERENCES												
5. BUDGET												

**Key**  
 [Symbol] MEETING  
 [Symbol] START PROJECT  
 [Symbol] COMPLETE PROJECT

A. TRAINING	B. SCENARIO DEVELOPMENT	C. FACILITY/EQUIPMENT	D. OFFSITE EMERGENCY PLANNING	E. EMERGENCY PLAN/PROCEDURES	F. PROGRAM MANAGEMENT/ADMINISTRATION
1. INITIAL 2. MISC 3. SYSTEMS AWARENESS WORK 4. PUBLIC DEFENSE PLAN WORK 5. DEFENSE NUCLEAR ACTION WORK 6. PORT PLANS FOR ASSEMBLY W/ET W/ET 7. NUCLEAR TRAINING WORK 8. ACTIVITY TECH 9. EMERGENCY CLASSIFICATION 10. PROTECTIVE ACTION BATTALION 11. DEFENSE DEFENSE PLAN 12. ANNUAL TRAINING 13. 100-100 W/ET 14. OPERATIONAL EVALUATION	1. DIRECTION 2. NARRATIVE 3. MESSAGES 4. SAG DATA 5. OPS DATA 6. PREL. REPORT 7. W/ET W/ET 8. W/ET W/ET 9. W/ET W/ET 10. W/ET W/ET 11. W/ET W/ET 12. W/ET W/ET 13. W/ET W/ET 14. W/ET W/ET	1. ERO ROSTER 2. ERO ROSTER 3. ERO ROSTER 4. ERO ROSTER 5. ERO ROSTER 6. ERO ROSTER 7. ERO ROSTER 8. ERO ROSTER 9. ERO ROSTER 10. ERO ROSTER 11. ERO ROSTER 12. ERO ROSTER 13. ERO ROSTER 14. ERO ROSTER	1. DEFENSE PLAN REVIEW 2. DEFENSE PLAN REVIEW 3. DEFENSE PLAN REVIEW 4. DEFENSE PLAN REVIEW 5. DEFENSE PLAN REVIEW 6. DEFENSE PLAN REVIEW 7. DEFENSE PLAN REVIEW 8. DEFENSE PLAN REVIEW 9. DEFENSE PLAN REVIEW 10. DEFENSE PLAN REVIEW 11. DEFENSE PLAN REVIEW 12. DEFENSE PLAN REVIEW 13. DEFENSE PLAN REVIEW 14. DEFENSE PLAN REVIEW	1. DEFENSE PLAN REVIEW 2. DEFENSE PLAN REVIEW 3. DEFENSE PLAN REVIEW 4. DEFENSE PLAN REVIEW 5. DEFENSE PLAN REVIEW 6. DEFENSE PLAN REVIEW 7. DEFENSE PLAN REVIEW 8. DEFENSE PLAN REVIEW 9. DEFENSE PLAN REVIEW 10. DEFENSE PLAN REVIEW 11. DEFENSE PLAN REVIEW 12. DEFENSE PLAN REVIEW 13. DEFENSE PLAN REVIEW 14. DEFENSE PLAN REVIEW	1. DEFENSE PLAN REVIEW 2. DEFENSE PLAN REVIEW 3. DEFENSE PLAN REVIEW 4. DEFENSE PLAN REVIEW 5. DEFENSE PLAN REVIEW 6. DEFENSE PLAN REVIEW 7. DEFENSE PLAN REVIEW 8. DEFENSE PLAN REVIEW 9. DEFENSE PLAN REVIEW 10. DEFENSE PLAN REVIEW 11. DEFENSE PLAN REVIEW 12. DEFENSE PLAN REVIEW 13. DEFENSE PLAN REVIEW 14. DEFENSE PLAN REVIEW

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 PLAN MANAGER (M) DATE 1/3/94

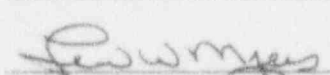
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 PLAN MANAGER (M) DATE 1/3/94

*[Signature]*  
 MANAGER EMERGENCY RESPONSE DATE 1/3/94

# STPEGS EMERGENCY RESPONSE MA

	JANUARY	FEBRUARY	MARCH	APRIL
<b>A. TRAINING/DRILLS/EXERCISE PROGRAM</b>	7 14 21 28	4 11 18 25	4 11 18 25	1 8 15 22 29
1. TRAINING	11,12 10	18,19,23,24 10	12 10	19,20 9
2. WORKSHOP				21,22 10
3. TABLE TOP DRILLS				21,22 10
4. COMBINED FUNCTIONAL DRILLS				21,22 10
5. DRESS REHEARSAL/EXERCISE				21,22 10
6. SPECIAL DRILLS				21,22 10
<b>B. SCENARIO DEVELOPMENT</b>				
1. SCENARIO REVIEW COMMITTEE				
2. SP 9401 CFD	10	28		
3. SP 9402 CFD				
4. SP 9403 DR				
5. SP 9404 EX				
<b>C. EMERGENCY RESPONSE FACILITIES/EQUIPMENT</b>				
1. FACILITY UPGRADE PLAN				
2. ERO ROSTER				
3. SIGNIFICANT IMPROVEMENT ITEMS				
4. MAINTAIN FACILITY MANUALS				
5. SURVEILLANCE PROGRAM				
6. FACILITY/E KIT INVENT.				
<b>D. OFFSITE EMERGENCY PLANNING</b>				
1. TRAINING				
2. EMERGENCY FACILITY				
3. PLAN/PROCEDURES				
4. DRILL/EXERCISE PROGRAM				
5. PROGRAM MAINTENANCE				
6. STATE/CO/FEMA MEETINGS				
7. FACILITY SCENARIO				
<b>E. EMERGENCY PLAN/PROCEDURES</b>				
1. PROGRAM MAINTENANCE				
2. PROGRAM AUDIT				
3. PROGRAM UPGRADE				
<b>F. PROGRAM MANAGEMENT/ADMINISTRATION</b>				
1. OPERATIONAL SELF-ASSESSMENT				
2. COMMITMENT ACTION TRACKING				
3. PROGRAM AUDITS/INSPECTIONS				
4. TRIPS/CONFERENCES				
5. BUDGET				

A. TRAINING	B. SCENARIO DEVELOPMENT	C. FACILITY/EQUIPMENT
1. INITIAL... 2. ACCIDENT... 3. PUBLIC... 4. OFFSITE... 5. POST... 6. FUNCTIONAL... 7. ACTIVE... 8. EMERGENCY... 9. PROTECTIVE... 10. RECOVERY... 11. ANNUAL... 12. LOR... 13. OPERATIONS...	1. OBJECTIVE... 2. NARRATIVE... 3. MESSAGES... 4. OPS DATA... 5. PKG REVIEW... 6. 90 DY NRC... 7. 75 DY... 8. 60 DY... 9. 45 DY... 10. 30 DY... 11. 15 DY... 12. 7 DY... 13. 3 DY... 14. 1 DY... 15. 0.5 DY... 16. 0.25 DY...	1. SIREN... 2. HRP... 3. HRO... 4. REVIEW... 5. RAD... 6. CHAS... 7. INVENTORY... 8. MONTHLY... 9. STATUS... 10. POST... 11. DEVELOP... 12. FURNITURE... 13. ERO...

 1/3/94  
 PLANT MANAGER, UNIT 1, DATE

  
 PLANT MANAGER

# MASTER 1994 INTEGRATED SCHEDULE

YEAR	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
20	27	3	10	17	24	1	8
1	8	15	22	29	5	12	19
2	9	16	23	30	6	13	20
3	10	17	24	1	7	14	21
4	11	18	25	2	8	15	22
5	12	19	26	3	9	16	23
6	13	20	27	4	10	17	24
7	14	21	28	5	11	18	25
8	15	22	29	6	12	19	26
9	16	23	30	7	13	20	27
10	17	24	1	8	14	21	28
11	18	25	2	9	15	22	29
12	19	26	3	10	16	23	30
13	20	27	4	11	17	24	1
14	21	28	5	12	18	25	2
15	22	29	6	13	19	26	3
16	23	30	7	14	20	27	4
17	24	1	8	15	21	28	5
18	25	2	9	16	22	29	6
19	26	3	10	17	23	30	7
20	27	4	11	18	24	1	8
21	28	5	12	19	25	2	9
22	29	6	13	20	26	3	10
23	30	7	14	21	27	4	11
24	1	8	15	22	28	5	12
25	2	9	16	23	29	6	13
26	3	10	17	24	30	7	14
27	4	11	18	25	1	8	15
28	5	12	19	26	2	9	16
29	6	13	20	27	3	10	17
30	7	14	21	28	4	11	18
31	8	15	22	29	5	12	19

**ANSTEC APERTURE CARD**

Also Available on Aperture Card

14 METHUEN HOSPITAL

11 SEVERE WEATHER PLAN TEST

5 YR MASTER PLAN REVIEW (NRC FEMA EXERCISE)

Key:	day
▼	milestone
○	start project
●	complete project

INITIAL SURVEILLANCE	D. OPPOSITE EMERGENCY PLANNING	E. EMERGENCY PLAN PROCEDURES	F. PROGRAM MANAGEMENT ADMIN
1. REVIEW TRNG MATERIAL 2. DEVELOP TRNG MATERIAL 3. CONDUCT TRNG 4. DEVISE OF EX WORK PLAN 5. COMPLETE DOC UPGRADE 6. IPZ OBJECTIVES 7. IVE EXTENT OF PLAY 8. DEV SCENARIO 9. IFA, 400 LO PLAN/EXERCISE REV 10. RESPIRATOR QUALIFICATION 11. IOP DASH/REVISED 12. COMBINED FUNCTIONAL DRILL 13. IFA DR 15, IFA EX	16. FEMA MEDICAL EXERCISE 17. LETTERS OF AGREEMENT 18. IFA CO. IUTAGS 19. STAFFERS' AID 20. 30 MD MAPS 21. IFA CO. EXTENSION AGENCY 22. DOC TABLE TOP DRILL 23. LETTERS OF COURT 24. RESOURCES/RESPONSIBLE POSTING 25. FEMA W MEETING 26. MEDICAL TRNG 27. IFA TRNG	1. EMERGENCY PLAN REVIEW 2. ERP REVISION 3. OPPOSITE ERP REVISION 4. OPPOSITE EMERGENCY PROCEDURE REVISION 5. EMERGENCY RESPONSE NEWSLETTER 6. PROGRAM A/DIT 7. PORTION MANUAL AUDIT 8. ANNUAL PLAN REVIEW 9. IRO NOTIFICATION 10. GMS TRAINING 11. SEVERE WEATHER PLAN 12. REVIEW DEPT PLAN	1. WORK PLAN APPRAISAL 2. NRC AUDIT 3. QA AUDIT 4. COMMITMENT PRIORITY REVIEW 5. NRC REVIEW 6. NRC PREP/ARAYS/ONS/REVIEW 7. NRC REPORT DEVELOPMENT 8. FEMA MTO 9. NRC MTO 10. UTILITY MTO 11. IOP COMPLETION 12. OSHA/OSHA PRAE MTO 13. STATSCOUNTY 14. IRO REVIEW FINALIZED 15. PAGES ISSUE COMPLETE 16. NRC/ARC BALANCE PRAE

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 G-1059.CDR Rev. 1 (03/09/94)  
 MANAGER, EMERGENCY RESPONSE, DATE  
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