

October 12, 1993

Docket No. 50-400

LICENSEE: Carolina Power & Light Company

FACILITY: Shearon Harris Nuclear Power Plant, Unit 1

SUBJECT: SUMMARY OF MEETING HELD ON SEPTEMBER 21, 1993, WITH CAROLINA
POWER & LIGHT COMPANY

A meeting was held with Carolina Power & Light Company (CP&L), on September 21, 1993, in Rockville, Maryland. The purpose of the meeting was to discuss future submittals planned by CP&L, the status of the NRC's review of previous submittals, responses to generic communications, NRC concerns, and other general coordination of licensing activities. The licensee also presented information related to their Integrated Schedule Program.

Enclosure 1 is a list of meeting attendees. Enclosure 2 contains the hand-out material (18-month Regulatory Schedule and information regarding Integrated Schedule Program at Harris), which describes current and planned activities that were discussed at the meeting.

ORIGINAL SIGNED BY:

Ngoc B. Le, Project Manager
Project Directorate II-1
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Enclosure:

1. List of Attendees
2. Meeting Handout Material

cc w/enclosures:
See next page

DISTRIBUTION:
See attached page

OFC	LA:PDII-1	PM:PDII-1	PD:PDII-1		
NAME	Anderson	TLe/rst	SBajwa		
DATE	10/5/93	10/5/93	10/5/93		

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w/Enclosures 1 & 2

Docket File

NRC & Local PDRs

PDII-1 R/F

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E. Merschoff, RII

w/Enclosure 1

T. Murley/F. Miraglia

J. Partlow

S. Varga

G. Lainas

S. Bajwa

T. Le

P. Anderson

OGC

E. Jordan

L. Phillips

E. Kendrick

P. Milano

B. Mozafari

R. Copeland

R. Prunty

L. Rowell

ACRS (10)

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

October 12, 1993

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A handwritten signature in black ink, appearing to read "Ngoc B. Le", is positioned above the typed name.

Ngoc B. Le, Project Manager
Project Directorate II-1
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Enclosures:

1. List of Attendees
2. Meeting Handout Material

cc w/enclosures:

See next page

Mr. W. S. Orser
Carolina Power & Light Company

Shearon Harris Nuclear Power Plant,
Unit 1

cc:

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Carolina Power & Light Company
Post Office Box 1551
Raleigh, North Carolina 27602

September 21, 1993

Meeting with Carolina Power & Light Company

List of Attendees

N. Le
S. Bajwa
L. Phillips
E. Kendrick
P. Milano
B. Mozafari
R. Copeland
R. Prunty
L. Rowell

NRC/NRR/PDII-1
NRC/NRR/PDII-1
NRR/SRXB
NRR/SRXB
NRC/NRR/PDII-1
NRC/NRR/PDII-1
CP&L
CP&L
CP&L

SHNPP 18-MONTH REGULATORY SCHEDULE

CAT/PRI	ISSUE	1993					1994					1995			
		AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP

1A/4	EMERGENCY DIESEL GENERATOR - RELAXATION OF LICENSE CONDITIONS - NRC APPROVAL														
		 12/15 RD													
1B/4	HEAT FLUX HOT CHANNEL FACTOR - ISSUE TSC														
		 3/1 RD													
1B/4	AXIAL FLUX DIFFERENCE (RAOC & BASELOAD REF. REPLACED BY PDC-3 AFD METHODOLOGY) - ISSUE TSC														
		 3/1 RD													
1B/4	TARGET AFD (PDC III METHODOLOGY) - ISSUE TSC														
		 3/1 RD													
1B/4	SIEMENS METHODOLOGY IN COLR (REFERENCE) - ISSUE TSC														
		 3/1 RD													
1C/4	AFW FLOW CONTROL - ISSUE TSC														
		 3/1 RD													
1D/4	S/G TUBE SLEEVING - CP&L SUBMITTAL - ISSUE TSC														
		... 8/20 2/1 RD													

Dates prior to 9/15/93 are actuals; Dates after 9/15/93 are forecast; RD = REQUIRED DATE; ***** = SCHEDULED OUTAGE

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SHNPP 18-MONTH REGULATORY SCHEDULE

ISSUE

1993					1994					1995							
AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN

1H/4 ESFAS TRIP SETPOINTS - REVISE TO
 INCORPORATE UPDATED CALCS
 - CP&L SUBMITTAL
 - ISSUE TSC

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***** 11/1
***** 5/1

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11/4 EDG START TIME TSC
- CP&L SUBMITTAL
- ISSUE TSC

***** 11/30
***** 5/31

SHNPP 18-MONTH REGULATORY SCHEDULE

[illegible]

Dates prior to 9/15/93 are actuals; Dates after 9/15/93 are forecast; RD = REQUIRED DATE; *** = SCHEDULED OUTAGE**

SHNPP 18-MONTH REGULATORY SCHEDULE

CAT/PRI	ISSUE		1993 AUG SEP OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC JAN *****	1994	1995
3/4	MONTHLY OPERATIONS REPORT - CP&L SUBMITTAL			■ ■ 10/15	
3A/4	GL 93-04: ROD CONTROL FAILURE & W/D OF ROD CONTROL CLUSTER ASSEMBLIES (90 DAY RESPONSE) - CP&L SUBMITTAL		■■■■■■■ 9/20		
3B/4	REQUEST FOR CHANGE IN QA PROGRAM - CP&L SUBMITTAL - NRC REVIEW/APPROVAL		■■■■ 9/27 ■■■■■■■ 11/29		
3C/4	BROOKHAVEN NATIONAL LABS: SUBMIT ANNUAL EFFLUENT DATA (ON DISK) - CP&L SUBMITTAL		■■■■■■■ 9/27		
. 3D/4	CONFIRMATORY MEASUREMENTS PROGRAM - CP&L SUBMITTAL		■■■■ 9/28		
3E/4	GL 89-10, SUPP 5: MOV - INACCURACY OF MOV DIAGNOSTIC EQUIPMENT - CP&L SUBMITTAL		■■■■■■■ 10/1		
3F/4	RESPONSE ON DRILL WEAKNESS CORRECTION - CP&L SUBMITTAL		■■■■■ 10/11		

Dates prior to 9/15/93 are actuals; Dates after 9/15/93 are forecast; RD = REQUIRED DATE; ***** = SCHEDULED OUTAGE

SHNPP 18-MONTH REGULATORY SCHEDULE

[illegible]

Dates prior to 9/15/93 are actuals; Dates after 9/15/93 are forecast; RD = REQUIRED DATE; *** = SCHEDULED OUTAGE**

09/17/93

CAROLINA POWER & LIGHT COMPANY
S H N P P -- 18 MONTH REGULATORY AGENDA

ATTACHMENT 3

FACTS :

SITE AGENCY	PRI UNIT	SOURCE DOCUMENT NUC PRI/SCH IND	ISSUE	ACTION
93G0232 SHNPP NRR	2 1	SITE REQUEST 04/28/93 Z1A 4	SHNPP--TSC--EMERGENCY DIESEL GENERATOR: RELAXATION OF LICENSE CONDITIONS (TSC 93-04) **OUTAGE**	SUBMITTED 5/15/93; AWAITING NRC REVIEW AND APPROVAL; PRENOTICED 6/9/93
93G0152 SHNPP NRR	2 1	SNP TRANSITION (1) 03/15/93 Z1B 4	SHNPP--TSC--HEAT FLUX HOT CHANNEL FACTOR REVISE TS 3.2.2 - CHANGE METHODOLOGY AND W(Z) TO V(Z) (TSC 93-02B) **OUTAGE**	SUBMITTED 7/16/93; AWAITING NRC REVIEW AND APPROVAL.
93G0150 SHNPP NRR	2 1	SNP TRANSITION (1) 03/15/93 Z1B 4	SHNPP--TSC--AXIAL FLUX DIFFERENCE (REVISE TS 3.2.1 - REFERENCES TO RAOC AND BASE LOAD TO BE REPLACED BY PDC-3 AFD TERMINOLOGY. (TSC 93-02B) **OUTAGE**	SUBMITTED 7/16/93; AWAITING NRC REVIEW AND APPROVAL.
93G0151 SHNPP NRR	2 1	SNP TRANSITION (1) 03/15/93 Z1B 4	SHNPP--TSC--TARGET AFD - REVISE 4.2.1.3 AND 4.2.1.4 TO MAKE TARGET AFD MORE ACCURATE AND CONSISTENT WITH PDC-III. METHODOLOGY. (TSC 93-02B) **OUTAGE**	SUBMITTED 7/16/93. AWAITING NRC REVIEW AND APPROVAL.
93G0154 SHNPP NRR	2 1	SNP TRANSITION (1) 03/15/93 Z1B 4	SHNPP--TSC--SIEMENS METHODOLOGY IN COLR REVISE TS 6.9.1.6 - REFERENCE (TSC 93-02B) **OUTAGE**	SUBMITTED 7/16/93; AWAITING NRC REVIEW AND APPROVAL.

09/17/93

CAROLINA POWER & LIGHT COMPANY
S H N P P — 18 MONTH REGULATORY AGENDA

FACTS :

SITE AGENCY	PRI UNIT	SOURCE DOCUMENT NUC PRI/SCH IND	ISSUE	ACTION
93G0271 SHNPP NRR	2 1	SITE REQUEST 05/04/93 ZIC 4	SHNPP--TSC--AFW FLOW CONTROL (INCORPORATE AUTO-OPEN FEATURE - TS 3.7.1.2 & BASES CHANGE-93G0158) (TSC 93-06) **OUTAGE**	SUBMITTED 7/26/93; AWAITING NRC REVIEW AND APPROVAL.
93G0270 SHNPP NRR	2 1	SITE REQUEST 05/04/93 ZID 4	SHNPP--TSC--S/G TUBE SLEEVING (ALLOW TUBE SLEEVING AS AN ALTERNATIVE TO S/G TUBE PLUGGING) (TSC 93-05) **OUTAGE**	SUBMITTED 8/20/93; AWAITING NRC REVIEW AND APPROVAL.
93G0272 SHNPP NRR	2 1	SITE REQUEST 05/04/93 ZIE 4	SHNPP--TSC--EDG REDUCED ACCELERATED TESTING (REF: NEW & IMPROVED W STS) SLOW START TESTING (TS 3.8.1.1) (TSC 93-07) **OUTAGE**	INPUT REC'D. CORRESPONDENCE IN ROUTING.
93G0156 SHNPP NRR	2 1	SNP TRANSITION (2) 03/15/93 ZIF 4	SHNPP--TSC--REVISE TS FIGURE 2.1-1 REACTOR CORE SAFETY LIMITS (TSC 93-09) **OUTAGE**	SUBMITTED 8/27/93. AWAITING NRC REVIEW AND APPROVAL.
93G0157 SHNPP NRR	2 1	SNP TRANSITION (2) 03/15/93 ZIF 4	SHNPP--TSC--REVISE TS 2.2-1 REACTOR TRIP SYSTEM INSTRUMENTATION TRIP SETPOINTS (TSC 93-09) **OUTAGE**	SUBMITTED 8/27/93. AWAITING NRC REVIEW AND APPROVAL.

09/17/93

CAROLINA POWER & LIGHT COMPANY
S H N P P — 18 MONTH REGULATORY AGENDA

FACTS # SITE AGENCY	PRI UNIT	SOURCE DOCUMENT NUC PRI/SCH IND	ISSUE	ACTION
93G0155 SHNPP NRR	2 1	SNP TRANSITION (2) 03/15/93 Z1F 4	SHNPP--TSC--REVISE TABLE 3.9-1 *ADMIN CONTROLS TO PREVENT DILUTION DURING REFUELING* TO PROVIDE CLARIFICATION ON BORON CONCENTRATION) (PREV TSC 93-02) **OUTAGE**	SUBMITTED 8/27/93. AWAITING NRC REVIEW & APPROVAL.
93G0273 SHNPP NRR	2 1	SITE REQUEST 05/10/93 Z1F 4	SHNPP--TSC--THOT - REVISIONS TO REFLECT THOT REDUCTION (TSC 93-09) **OUTAGE**	SUBMITTED 8/27/93. AWAITING NRC REVIEW AND APPROVAL.
93G0213 SHNPP NRR	2 1	SITE REQUEST 04/13/93 Z1G 4	SHNPP--RTD BYPASS TSC (TSC 93-08) **OUTAGE**	SUBMITTED 8/27/93. AWAITING NRC REVIEW AND APPROVAL.
93G0219 SHNPP NRR	2 1	NED REQUEST 03/22/93 Z1H 4	SHNPP--TSC-REVISE TS TABLE 3.3.4, ESFAS TRIP SETPOINTS TO INCORPORATE UPDATED CALCS (BASED ON WESTINGHOUSE GUIDANCE) (S/G WATER LEVEL TSC)	AWAITING NED INPUT.
93G0214 SHNPP NRR	2 1	SITE REQUEST 04/13/93 Z1I 4	SHNPP--EDG START TIME TSC (TSC 93-)	AWAITING NFS INPUT.

09/17/93

CAROLINA POWER & LIGHT COMPANY
S H N P P — 18 MONTH REGULATORY AGENDA

FACTS :

SITE AGENCY	PRI UNIT	SOURCE DOCUMENT NUC PRI/SCH IND	ISSUE	ACTION
92G0239 SHNPP NRR	2 1	SITE REQUEST 05/20/92 Z2A 4	SHNPP--TSC - DC ELECTRICAL POWER SYSTEM (PROVIDES ACTION STATEMENT TO ALLOW HAVING BATTERY CHARGER OUT-OF-SERVICE) (TSC 92-02)	SUBMITTED 6/29/92; NEW SUBMITTAL REQUIRED; WITHDRAWAL OF ORIGINAL PACKAGE IN PREPARATION.
89G0515 SHNPP NRR	1 1	SITE REQUEST; GL 89-01 1/31/89 (NRC-89-082) 10/29/89 Z2B 4	SHNPP - RADIATION EFFLUENT/ENVIRONMENTAL MONITORING (REMOVAL OF TABLES FROM TS) TSC 87-04 (ORIG NLS-88-034 DTD 2/16/88) TS 3.3.3.10/3.11.1	SUBMITTED 7/21/92; SUBMITTED REVISED TS PAGES 9/3/92. REQUESTED ON 12/18/92 THAT NRC HOLD AMENDMENT UNTIL WE SUBMIT A SUPPLEMENT. INPUT RECEIVED. FINAL CORRESPONDENCE IN PREPARATION.
93G0300 SHNPP NRR	2 1	NRC MEETING 05/27/93 Z2C	SHNPP: NAD TS CHANGE (REF: 90G0318)	SUBMITTED 9/15/93; AWAITING NRC REVIEW AND APPROVAL.
93G0297 SHNPP NRR	2 1	NRC MEETING 05/27/93 Z2C	SHNPP: NAD QA PROGRAM (REF: 92G0403)	SUBMITTED 9/15/93; AWAITING NRC REVIEW AND APPROVAL.
92G0408 SHNPP NRR	2 1	SITE REQUEST 08/26/92 Z2D 4	SHNPP--AREA TEMPERATURE MONITORING TSC (INCREASE TEMP LIMIT IN STEAM TUNNEL AND ADD AREAS OF PLANT CURRENTLY NOT IN TS) (TS 3.7.12) (TSC 92-03)	NLS PURSUING RELOCATION OF TS TO PLANT PROCEDURES PER NUREG-1431.

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CAROLINA POWER & LIGHT COMPANY
S H N P P -- 18 MONTH REGULATORY AGENDA

FACTS :

SITE AGENCY	PRI UNIT	SOURCE DOCUMENT NUC PRI/SCH IND	ISSUE	ACTION
89G0516 SHNPP NRR	2 1	WCAP-10272-A SUPP 2, REV 1 NUREG 1431 05/01/89 Z2E 18	SHNPP--ESFAS SURVEILLANCE TESTING (TSC TO INCREASE ALLOWED OUTAGE TIMES & SURVEILLANCE INTERVAL FOR ESFAS INSTRU- MENTATION). (TS 3.3.2) (TSC 89-)	PLANT ASSESSING COST/BENEFIT OF CHANGE IN LIGHT OF WCAP AND ISSUANCE OF NEW IMPROVED TS.
93G0441 SHNPP NRR	2 1	TS 6.9.1.5 01/12/87 Z3 4	SHNPP--MONTHLY OPERATIONS REPORT	REPORT DUE FROM TECH SUPPORT (PERFORMANCE ENGINEERING)
93G0416 SHNPP NRR	1 1	NRC-93-0369, GL 93-04 06/21/93 Z3A 4	SHNPP--GENERIC LETTER 93-04: ROD CONTROL FAILURE & WITHDRAWAL OF ROD CONTROL CLUSTER ASSEMBLIES; LICENSING BASIS DISCUSSION (90 DAY SUBMITTAL)	SUBMITTED INITIAL RESPONSE 8/4/93; PROVIDE ASSESSMENT OF WHETHER OR NOT LICENSING BASIS STILL SATISFIED. CORRESPONDENCE IN ROUTING.
93G0005 SHNPP	2 1	10 CFR 50.54(A)(3)(IV) NRC-93-0535 DATED 8/27/93 06/22/93 Z3B	SHNPP--REQUEST FOR CHANGE IN QA PROGRAM (REF: BIENNIAL REVIEW OF PROCEDURES)	SUBMITTED 7/1/93; NRC'S RAI DTD 8/27/93 SUPPLEMENTAL RESPONSE IN PREPARATION.
93G0419 SHNPP NRR	2 1	BROOKHAVEN NATL LABS LETTER 07/28/93 Z3C 4	SHNPP--SUBMIT ANNUAL EFFLUENT DATA TO BROOKHAVEN NATIONAL LABS (CONTRACTOR FOR NRC)	SUBMIT ANNUAL EFFLUENT DATA (ON DISK)

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CAROLINA POWER & LIGHT COMPANY
S H N P P -- 18 MONTH REGULATORY AGENDA

FACTS

SITE AGENCY	PRI UNIT	SOURCE DOCUMENT NUC PRI/SCH IND	ISSUE	ACTION
93G0438 SHNPP NRR	2 1	NRC REQUEST 7/28/93 09/01/93 Z3D 4	SHNPP--NRC REQUEST: CONFIRMATORY MEASUREMENTS PROGRAM	AWAITING RADIOCHEMICAL ANALYSES OF SPIKED LIQUID SAMPLES.
93G0414 SHNPP	2 1	NRC-93-0393 06/28/93 Z3E 4	SHNPP: GL 89-10, SUPPLEMENT 5, INACCURACY OF MOTOR-OPERATED VALVE DIAGNOSTIC EQUIPMENT	INPUT RECEIVED 9/8/93. 50.54(F) SIGNATORY REQUIRED.
93G0435 SHNPP NRR	1 1	NRC IR 50-400/93-18 8/27/93 08/27/93 Z3F 4	SHNPP--PREPARE RESPONSE ON DRILL WEAKNESS CORRECTION	AWAITING INPUT.
92G0569 SHNPP NRR	1 1	NRC-92-704 NRC-93-013 12/04/92 Z3G	RESPONSE TO BULLETIN 92-01, SUP 1., FAILURE OF THERMO-LAG 330 FIRE BARRIER SYSTEM, HNP	INFORM NRC WHEN FIRE BARRIERS ARE ACCEPTABLE.
93G0268 SHNPP NRR	2 1	NRC-93-0360; GL 92-08 06/15/93 Z3H 4	SHNPP--RESPONSE TO GENERIC LETTER 92-08 THERMO LAG 330-1 FIRE BARRIERS	PROVIDE AN ASSESSMENT OF WHETHER OR NOT THE LICENSING BASIS IS STILL SATISFIED.

09/17/93

CAROLINA POWER & LIGHT COMPANY
S H N P P -- 18 MONTH REGULATORY AGENDA

FACTS ÷ SITE AGENCY	PRI UNIT	SOURCE DOCUMENT NUC PRI/SCH IND	ISSUE	ACTION
93G0426 SHNPP NRR	1 1	10CFR26.71(D) Z3I	SHNPP: SEMI ANNUAL FITNESS FOR DUTY REPORT	
93G0283 SHNPP NRR	2 1	10CFR50, APPENDIX E, PART F 05/18/93 Z3J 4	SHNPP--SUBMIT GOALS & OBJECTIVES FOR 1994 FULL SCALE EXERCISE TO NRC	SUBMITTAL REQ'D 75 DAYS PRIOR TO EXERC. (EXERCISE SCHEDULED 9/94).
93G0307 SHNPP NRR	2 1	10CFR50, APPENDIX E, PART F 06/14/93 Z3K 4	SHNPP--SUBMIT SCENARIO & CONTROLLER INFO FOR 1994 FULL SCALE EXERCISE TO NRC	SUBMITTAL REQ'D 45 DAYS PRIOR TO EXERC. (EXERCISE SCHEDULED 9/94).
93G0410 SHNPP NRR	2 1	10 CFR 50.46(A)(3)(II) 07/28/93 Z3L 4	SHNPP--SUBMIT ANNUAL ECCS EVALUATION MODEL CHANGE REPORT (IN ACCORDANCE WITH 10 CFR 50.46 (A)(3) (II)	SUBMIT ANNUAL ECCS EVAL MODEL CHANGES.
93G0287 SHNPP NRR	2 1	 Z3M 4	SHNPP-ANNUAL FSAR AMENDMENT NO. 45	GLS DUE DATE ESTIMATED, FINAL DATE TO BE ESTABLISHED FROM SIEMENS FUEL ANALYSIS FOR CYCLE 6.

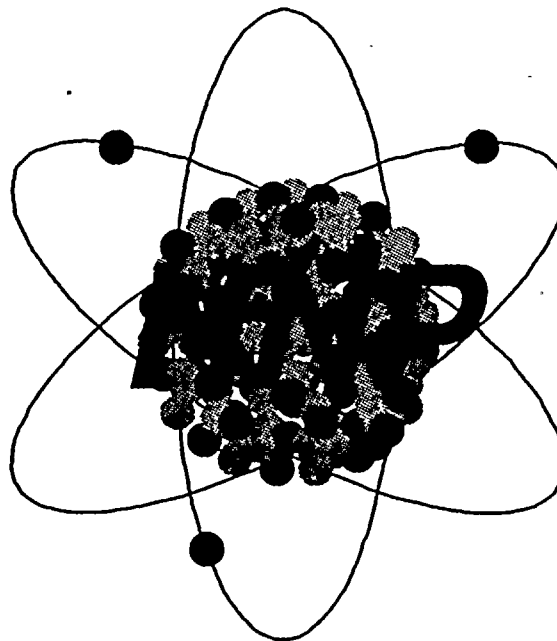
09/17/93

CAROLINA POWER & LIGHT COMPANY
S H N P P -- 18 MONTH REGULATORY AGENDA

FACTS # SITE AGENCY	PRI UNIT	SOURCE DOCUMENT NUC PRI/SCH IND	ISSUE	ACTION
93G0039 SHNPP NRR	1 1	NLS-92-285 10/15/92 Z3N	SHNPP: SUBMIT IPEEE ANALYSIS TO NRC	
90G0004 SHNPP	5 1	SITE REQUEST 07/10/90 Z5 4	SHNPP--RAB/FHB EMERGENCY EXHAUST HVAC (REVISE RAB & FHB HVAC TSC TO MATCH CR HVACTS) TS 3.7.7 & 3.9.12 (TSC 90-)	TSC--AWAITING PLT INPUT.
90G0231 SHNPP NRR	5 1	SITE REQUEST 06/27/90 Z5 14	SHNPP--POTENTIAL TSC TO CLARIFY ULTIMATE HEAT SINK SPEC 3/4.7.5 (TSC 90-)	AWAITING SITE INPUT BASED ON PCR 5342 ACTIONS (PCR DEVELOPMENT & SCHEDULE TO BE ESTABLISHED).
90G0221 SHNPP NRR	5 1	SITE REQUEST 06/14/90 Z5 4	SHNPP--CONTAINMENT LINER TEMPERATURE (REVISES DESIGN FEATURES SECTION TO REFERENCE LINER TEMP VS. PEAK AIR TEMP) TS 5.2.2 (TS 90-)	TECH SPEC CHANGE; AWAITING PLANT INPUT.
89G0530 SHNPP NRR	5 1	SITE REQUEST 03/18/88 Z5 4	SHNPP--HOLDED CASE CIRCUIT BREAKERS (CONTAINMENT PENETRATION CONDUCTOR OVER- CURRENT PROTECTION TEST REVISION) TSC 88-12 TS 4.8.4.1	TECH. SPEC CHANGE. AWAITING PLANT APPROVAL OF PCR 2465, REV 0.

CAROLINA POWER & LIGHT COMPANY

HARRIS NUCLEAR PLANT



CAROLINA POWER & LIGHT

INTEGRATED SCHEDULE PROGRAM
(ISP)

SEPTEMBER 21, 1993

ISP OBJECTIVES

- **Visibility of CP&L's Commitments to the Work Necessary to Achieve High Levels of Safety and Reliability**
- **Basis for Communicating with the NRC on the Nature and Priority of Planned Initiatives**
- **Baseline for Measuring the Progress of Implementing Planned Activities**
- **Focus Attention on Decision Making**
- **Communicate Meaningful Direction and Priorities to CP&L/Plant Employees**

ISP CATEGORIES

Categories Established Per the Criteria in SECY 92-023:

- **Level I:** Projects Resulting From Regulatory-Required Actions With Specific Schedule Mandates
- **Level II:** Projects Greater Than \$250,000 Resulting From Regulatory Commitments Made By CP&L With Concurrence of the NRC Relative to Schedule
- **Level III:** CP&L Initiatives/Projects Greater Than \$250,000 Resulting From Specific Voluntary Improvement Initiatives Identified by CP&L

CAROLINA POWER & LIGHT COMPANY
HARRIS NUCLEAR PLANT

INTEGRATED SCHEDULE

PROJECT	PROJECT TITLE	LEVEL	CATEGORY	S.I	PHASE	1994	1995	1996	1997	1998
H0172	NRC STATION BLACKOUT RULE	I	PROCESS	NA	IMPLEMENT	■				
H0228	MOV OPERATION BASIS DOCUMENTATION	II	PLANT	5	IMPLEMENT	■				
H0279	LK BREAKER (NON-SAFETY) REPLACEMENT	II	PLANT	8	DESIGN	■	■			
H0293	IMPLEMENTATION OF IPEEE (SEISMIC)	II	PROCESS	NA	IMPLEMENT	■	■			
H0298	LK BREAKER (SAFETY) REPLACEMENT	II	PLANT	14	DESIGN	■	■			
42408	PREPARE POOLS C & D FOR OPERATION	III	PLANT	12	DESIGN		■	■	■	■
42412	SET 4 BWR RACKS IN FUEL POOL B	III	PLANT	12	IMPLEMENT		■			
42413	SET FINAL 4 RACKS IN FUEL POOL B	III	PLANT	12	IMPLEMENT				■	
FAC01	FACILITIES IMPROVEMENTS	III	PEOPLE	8	IMPLEMENT		■	■	■	■
H0028	RTD BYPASS ELIMINATION - PH.II & III	III	PLANT	50	DESIGN	■	■			
H0100	RADWASTE EQUIPMENT DEACTIVATION	III	PLANT	12	DESIGN	■	■			
H0120C	SOBDS HEAT RECOVERY/CLEANUP	III	PLANT	20	DESIGN	■	■			
H0158	EDO INSP & MOOS	III	PLANT	28	IMPLEMENT	■	■	■	■	■
H0232	SECURITY SYSTEM UPGRADES	III	PLANT	10	IMPLEMENT	■	■	■	■	■
H0250	SFP GATES 2 & 3 WELD REPAIR	III	PLANT	5	IMPLEMENT		■			
H0257	AFW FLOW & MODE OF OPERATION ANALYSIS	III	PLANT	32	DESIGN	■	■			
H0263	CONTAINMENT PENETRATION BREAKER ANALYSIS	III	PLANT	6	DESIGN	■	■			
H0268	CST DIAPHRAGM	III	PLANT	18	DESIGN	■	■			
H0268	JH12.001 SG REPLACEMENT STUDY	III	PLANT	TBD	STUDY	■	■	■	■	■

■ STUDY ■ REFUEL OUTAGES
 ■ DESIGN ★ NRC COMMITMENT
 ■ IMPLEMENTATION

INTEGRATED SCHEDULE

	STUDY		REFUEL OUTAGES
	DESIGN		★ NPC COMMITMENT
	IMPLEMENTATION		

LEVEL I PROJECTS

HNP COMPLIANCE WITH THE STATION BLACKOUT RULE (10CFR50.63)

Schedule Index: N/A

Purpose and Scope:

- **NRC Supplemental Safety Evaluation Issued June 1992**
 - **Class 1E Battery Margin**
 - **EDG Reliability**
 - **Training**
- **Full Compliance With SBO Rule Scheduled For June 1994**

LEVEL II PROJECTS

MOV OPERATION BASIS DOCUMENTATION

Schedule Index: 5

Purpose and Scope:

- **CP&L Commitments Made in Response to the Recommendations of NRC Generic Letter 89-10**
- **Complete Testing and Documentation of Program Valves**
- **Implement any Necessary Modifications**
- **Program Scheduled for Completion by the End of RFO5**

LEVEL II PROJECTS (CONT'D)

LK BREAKER (NON-SAFETY) REPLACEMENT

Schedule Index: 8

Purpose and Scope:

- **Replacement of 30 Highly-Cycled Non-Safety 480V Breakers**
- **Overall Reliability of Systems Utilizing These Breakers Will be Increased**
- **Tasks Necessary to Resolve LK Breaker Failure Concerns Scheduled for Completion by the End of RFO6**

LEVEL II PROJECTS (CONT'D)

IMPLEMENTATION OF IPEEE (SEISMIC)

Schedule Index: N/A

Purpose and Scope:

- **CP&L Commitments Made in Response to the Recommendations of NRC Generic Letter 88-20, Supplement 4**
- **Walkdowns, Evaluation and Analysis**
- **No Design Deficiencies Expected**
- **Results of IPEEE Scheduled for Submittal to NRC in June 1995**

LEVEL II PROJECTS (CONT'D)

LK BREAKER (SAFETY) REPLACEMENT

Schedule Index: 14

Purpose and Scope:

- **Replacement of 44 Breakers and Cradles in Safety-Related and Seismic Power Centers**
- **Increase in Reliability of AC Power System**
- **Tasks Necessary to Resolve LK Breaker Failure Concerns Scheduled for Completion by RFO5 for Train A and RFO6 for Train B**

FUTURE ACTIVITIES

SINCE THE ISP IS A LIVING DOCUMENT:

- **WILL BE UPDATED EVERY SIX MONTHS** - 4/1/94
- **ROLLING FIVE-YEAR SCHEDULE PROJECTION**