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 FACIL: 50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina  
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SUBJECT: Forwards prioritized list of 1987 licensing issues for facility, to facilitate licensing interface. List will be revised & issued on periodic basis.

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 TITLE: Licensing Submittal: PSAR/FSAR Amdts & Related Correspondence

NOTES: Application for permit renewal filed. 05000400

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1. The purpose of this document is to provide a comprehensive overview of the current status of the project. It is intended for use by all project team members and stakeholders.

2. The project has made significant progress since the last meeting. Key milestones have been achieved, and the team is on track to complete the project by the end of the year.

3. The following table provides a detailed breakdown of the project's budget and resource allocation. It is important that all team members are aware of these figures to ensure efficient use of resources.

APPENDIX

This section contains supplementary information related to the main report.

Category	Item	Value	Notes
Personnel	Project Manager	\$120,000	Full-time position
	Senior Analyst	\$90,000	Part-time position
	Junior Analyst	\$60,000	Part-time position
	Support Staff	\$30,000	Part-time position
Equipment	Hardware	\$15,000	Server and workstations
	Software	\$25,000	Licenses and subscriptions
	Travel	\$10,000	Conferences and site visits
	Other	\$5,000	Printing and miscellaneous
Total	Personnel	\$300,000	
	Equipment	\$55,000	
	Travel	\$15,000	
	Other	\$5,000	
<b>Grand Total</b>		<b>\$375,000</b>	



Carolina Power & Light Company

MAR 23 1987

SERIAL: NLS-87-057

United States Nuclear Regulatory Commission  
ATTENTION: Document Control Desk  
Washington, DC 20555

SHEARON HARRIS NUCLEAR POWER PLANT  
DOCKET NO. 50-400/LICENSE NO. NPF-63  
HARRIS PLANT LICENSING ISSUES

Gentlemen:

To facilitate the licensing interface, Carolina Power & Light Company (CP&L) has developed a prioritized list of 1987 licensing issues for the Shearon Harris Nuclear Power Plant (SHNPP). During the past year CP&L has been submitting, on a monthly basis, a similar list of outstanding licensing issues relating to CP&L's H. B. Robinson Plant. These lists are not comprehensive lists of every outstanding and future issue but rather a prioritized summary of issues which require NRC review and action during 1987. The attached list is the prioritized list for the SHNPP. It is our intention to revise and submit this list on a periodic basis.

I hope this will prove to be a valuable tool in assisting the NRC in allocating your resources.

Yours very truly,

  
S. R. Zimmerman  
Manager

Nuclear Licensing Section

SRZ/GAS/baw (5152GAS)

Enclosure

cc: Mr. B. C. Buckley (NRC)  
Dr. J. Nelson Grace (NRC-RII)  
Mr. G. F. Maxwell (NRC-SHNPP)  
Mr. L. S. Rubenstein (NRC)

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The following issues listed in order of priority will require NRR resources during calendar year 1987:

1. In-service Testing (IST) Program Approval - SSER4, Section 3.9.6 grants interim relief until the first refueling outage. CP&L letters dated 12/31/86 and 3/20/87 provide additional commitments. NRC needs to approve program or request additional information.
2. Steam Generator Tube Rupture (SGTR) Analysis Approval - License Condition 2.C(5) requires CP&L submittal and NRC review and approval of analysis by the first refueling outage. CP&L is developing analysis through Westinghouse Owners' Subgroup; however, an NRC SER is required prior to a plant-specific submittal. CP&L will make the required submittal or request an extension of the license condition if the NRC SER issuance impacts ability to meet current schedule requirement.
3. 10CFR50.62 ATWS Rule Compliance - CP&L's initial submittal on the ATWS rule was made on 10/14/85 committing to installation of modifications during the first refueling outage. Subsequent to that submittal, the WOG has refined the generic designs for compliance with the rule, and final NRC approval is required. CP&L will make a separate plant-specific submittal detailing modifications to the Harris Plant which will require NRC approval. See SSER2, Section 15.8.
4. 10CFR2.206 Petition Response - Intervenors filed a petition per 10CFR2.206 on 10/17/86. Although all issues have been addressed and a Region II inspection report written, the Director of NRR is required to issue a decision on the petition.
5. Technical Specification Changes for Cycle 2 Reload - Although not yet submitted to the NRC, CP&L has identified several Technical Specification changes to support an extended fuel cycle with the Cycle 2 reload. CP&L will submit these changes as they are finalized, and they will require NRC approval prior to the first refueling outage.
6. Natural Circulation Cooldown Tests - CP&L will provide information to resolve the issue regarding Natural Circulation Cooldown Tests at high power levels, (SSER 4, Section 5.4.7.5).
7. Technical Specification Changes Based on LOCA Reanalysis - Although not yet submitted to the NRC, CP&L anticipates changes to Technical Specifications in conjunction with a revised LOCA analysis using the BASH code. The reanalysis is currently pending completion of power ascension testing, and it will be several months before Technical Specification changes will be submitted to the NRC.
8. Accumulator Pressure Instrumentation Backfit - By letter dated 2/6/86, CP&L identified a backfit on qualification of accumulator tank instrumentation. By letter dated 6/6/86, NRC denied this issue as a backfit and advised CP&L of the option to appeal the decision. A final CP&L decision on whether to appeal this issue is still pending. In the event that CP&L appeals this issue, NRC resolution will be required.

9. Security Plan Approval - By letter Dated 11/26/86, CP&L submitted changes to the plant security plan as required by 10CFR73.55. Implementation of these changes is pending NRC approval.
10. Procedures Generation Package (PGP) - By letters dated 8/29/86 and 10/1/86, CP&L committed to document the validation/verification program for emergency operating procedures in a revision to the PGP by 4/15/87. This information will be provided to the NRC as committed.
11. FSAR Amendment No. 39 - In a series of letters docketed prior to receipt of the low-power license, CP&L committed to make changes to the FSAR in a post fuel-load amendment. This information will be submitted as FSAR Amendment No. 39.
12. In-service Inspection Program - CP&L will provide NRC additional information regarding the In-service Inspection Program, (SSER 4, Section 6.6.3).



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