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 DENTON, H.R. Office of Nuclear Reactor Regulation, Director

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SUBJECT: Forwards response to draft SER Open Item 182 re process & effluent monitoring program.

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	<u>REG FILE</u> 04	1 1	RGN2	3 3
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EXTERNAL:	ACRS 41	6 6	BNL (AMDTs ONLY)	1 1
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	LPDR 03	1 1	NRC PDR 02	1 1
	NSIC 05	1 1	NTIS	1 1

1. The purpose of this document is to provide a comprehensive overview of the current state of the project and to identify key areas for improvement.

2. The following table provides a detailed breakdown of the project's progress and resource allocation.

3. The data presented in the table below is based on the most recent reports and is subject to change.

4. It is important to note that the project is currently on track, but there are several risks that need to be monitored closely.

5. The following table provides a summary of the project's key performance indicators (KPIs) and their current status.

6. The data in the table below is based on the most recent reports and is subject to change.

7. The following table provides a summary of the project's key performance indicators (KPIs) and their current status.

Task ID	Task Name	Start Date	End Date	Progress (%)	Resources	Status
1	Project Planning	2023-01-01	2023-01-15	100	10	Completed
2	Requirement Gathering	2023-01-16	2023-02-01	95	15	Near Completion
3	System Design	2023-02-02	2023-02-15	80	20	In Progress
4	Development	2023-02-16	2023-03-15	60	30	In Progress
5	Testing	2023-03-16	2023-04-01	40	25	In Progress
6	Deployment	2023-04-02	2023-04-15	20	15	On Hold
7	Documentation	2023-01-01	2023-04-15	75	10	In Progress
8	Project Review	2023-04-16	2023-04-30	10	5	Not Started



SERIAL: LAP-83-163

Carolina Power & Light Company

JUN 02 1983

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
United States Nuclear Regulatory Commission
Washington, DC 20555

SHEARON HARRIS NUCLEAR POWER PLANT
UNIT NOS. 1 AND 2
DOCKET NOS. 50-400 AND 50-401
DRAFT SAFETY EVALUATION REPORT RESPONSES
METEOROLOGICAL & EFFLUENTS TREATMENT BRANCH

Dear Mr. Denton:

Carolina Power & Light Company (CP&L) hereby transmits one original and forty copies of the response to the Shearon Harris Nuclear Power Plant Draft Safety Evaluation Report (DSER) CP&L Open Item 182.

Carolina Power & Light Company will be providing responses to other Open Items in the DSER shortly.

Yours very truly,

M. A. McDuffie
Senior Vice President
Engineering & Construction

PS/lcv (6801PSA)

Enclosure

- | | |
|---------------------------------|----------------------------|
| cc: Mr. Jack Hayes (NRC-METB) | Mr. Wells Eddleman |
| Mr. G. F. Maxwell (NRC-SHNPP) | Dr. Phyllis Lotchin |
| Mr. J. P. O'Reilly (NRC-RII) | Ms. Patricia T. Newman |
| Mr. Travis Payne (KUDZU) | Mr. John D. Runkle |
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Shearon Harris Nuclear Power Plant
Draft Safety Evaluation Report (DSER)
Open Item 182 (DSER Section 11.5.2, page 11-27)

The applicant has indicated, in response to a staff question, that the process and effluent monitoring program will meet the guidelines of position C of RG 4.15 with one exception. This exception is that Harris will make use of "nationally recognized standards" and will not be limited to NBS-traceable standards only. It is the staff's position that any "nationally recognized standard" will be NBS traceable. Therefore, the staff does not accept this proposed deviation to position C of RG 4.15.

Response to Open Item 182

The Shearon Harris Nuclear Power Plant process and effluent monitoring program will meet the guidelines of position C of RG 4.15. As called for by RG 4.15.C.6.1, radionuclides standards that have been certified by NBS or standards that have been obtained from suppliers who participate in measurement assurance activities with NBS will be used when their standards are available. In these measurement assurance activities, the supplier's calibration value will agree with the NBS value within the overall uncertainty stated by the supplier in its certification of the same batch of sources (when these are sampled for measurement by NBS) or in its certification of similar sources.

The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that every entry should be supported by a valid receipt or invoice. This ensures transparency and allows for easy verification of the data.

In the second section, the author details the various methods used to collect and analyze the data. This includes both manual and automated processes. The goal is to ensure that the information is both reliable and up-to-date.

The third part of the report focuses on the results of the analysis. It shows a clear trend of growth over the period studied. This is supported by several key indicators and statistical data points.

Finally, the document concludes with a series of recommendations for future actions. These are based on the findings of the study and aim to optimize the current processes and improve overall efficiency.