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 FACIL: 50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina 05000400  
 AUTH. NAME AUTHOR AFFILIATION  
 ZIMMERMAN, S. R. Carolina Power & Light Co.  
 RECIP. NAME RECIPIENT AFFILIATION  
 DENTON, H. R. Office of Nuclear Reactor Regulation, Director (post 851125)

SUBJECT: Discusses implementation of instrumentation used to detect inadequate core cooling sys, per SER License Condition 8. Addl calibr data will be collected at various power levels throughout ascension to full power.

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

NOTES: Application for permit renewal filed. 05000400

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INTERNAL:	ACRS 41	6	6	ADM/LFMB	1	0
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	<u>REG FILE</u> 04	1	1	RM/DDAMI/MIB	1	0
EXTERNAL:	BNL (AMDTS ONLY)	1	1	DMB/DSS (AMDTS)	1	1
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The following information was obtained from a review of the files of the [redacted] and [redacted] on [redacted] and [redacted]. The information is being provided to you for your information only. It is not to be disseminated outside your agency.

On [redacted] [redacted] advised that [redacted] had been contacted by [redacted] who had offered [redacted] a large sum of money to [redacted] [redacted] had refused the offer and [redacted] had advised [redacted] of the offer.

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DATE	NAME	ADDRESS	PHONE	STATUS
1/15/50	JOHN DOE	123 MAIN ST	555-1234	ACTIVE
1/15/50	JANE SMITH	456 ELM ST	555-5678	PENDING
1/15/50	BOB BROWN	789 PINE ST	555-9012	REMOVED
1/15/50	ALICE GREEN	101 OAK ST	555-3456	ACTIVE
1/15/50	CHARLIE BLACK	202 BIRCH ST	555-7890	PENDING
1/15/50	DAVID WHITE	303 SAGE ST	555-2345	REMOVED
1/15/50	EVA PINK	404 HAWK ST	555-6789	ACTIVE
1/15/50	FRANK BLUE	505 WIND ST	555-0123	PENDING
1/15/50	GRACE YELLOW	606 RAIN ST	555-4567	REMOVED
1/15/50	HELEN PURPLE	707 SUN ST	555-8901	ACTIVE
1/15/50	IRVING RED	808 MOON ST	555-2345	PENDING
1/15/50	JACK ORANGE	909 STAR ST	555-6789	REMOVED
1/15/50	JILL GREEN	1010 CLOUD ST	555-0123	ACTIVE
1/15/50	JOHN BLUE	1111 FOG ST	555-4567	PENDING
1/15/50	JANE PURPLE	1212 SNOW ST	555-8901	REMOVED
1/15/50	BOB RED	1313 ICE ST	555-2345	ACTIVE
1/15/50	ALICE ORANGE	1414 WIND ST	555-6789	PENDING
1/15/50	CHARLIE GREEN	1515 RAIN ST	555-0123	REMOVED
1/15/50	DAVID BLUE	1616 SUN ST	555-4567	ACTIVE
1/15/50	EVA PURPLE	1717 MOON ST	555-8901	PENDING
1/15/50	FRANK RED	1818 STAR ST	555-2345	REMOVED
1/15/50	GRACE ORANGE	1919 CLOUD ST	555-6789	ACTIVE
1/15/50	HELEN GREEN	2020 FOG ST	555-0123	PENDING
1/15/50	IRVING BLUE	2121 SNOW ST	555-4567	REMOVED
1/15/50	JACK PURPLE	2222 ICE ST	555-8901	ACTIVE
1/15/50	JILL RED	2323 WIND ST	555-2345	PENDING
1/15/50	JOHN ORANGE	2424 RAIN ST	555-6789	REMOVED
1/15/50	JANE GREEN	2525 SUN ST	555-0123	ACTIVE
1/15/50	BOB BLUE	2626 MOON ST	555-4567	PENDING
1/15/50	ALICE PURPLE	2727 STAR ST	555-8901	REMOVED
1/15/50	CHARLIE RED	2828 CLOUD ST	555-2345	ACTIVE
1/15/50	DAVID ORANGE	2929 FOG ST	555-6789	PENDING
1/15/50	EVA GREEN	3030 SNOW ST	555-0123	REMOVED
1/15/50	FRANK BLUE	3131 ICE ST	555-4567	ACTIVE
1/15/50	GRACE PURPLE	3232 WIND ST	555-8901	PENDING
1/15/50	HELEN RED	3333 RAIN ST	555-2345	REMOVED
1/15/50	IRVING ORANGE	3434 SUN ST	555-6789	ACTIVE
1/15/50	JACK GREEN	3535 MOON ST	555-0123	PENDING
1/15/50	JILL BLUE	3636 STAR ST	555-4567	REMOVED
1/15/50	JOHN PURPLE	3737 CLOUD ST	555-8901	ACTIVE
1/15/50	JANE RED	3838 FOG ST	555-2345	PENDING
1/15/50	BOB ORANGE	3939 SNOW ST	555-6789	REMOVED
1/15/50	ALICE GREEN	4040 ICE ST	555-0123	ACTIVE
1/15/50	CHARLIE BLUE	4141 WIND ST	555-4567	PENDING
1/15/50	DAVID PURPLE	4242 RAIN ST	555-8901	REMOVED
1/15/50	EVA RED	4343 SUN ST	555-2345	ACTIVE
1/15/50	FRANK ORANGE	4444 MOON ST	555-6789	PENDING
1/15/50	GRACE GREEN	4545 STAR ST	555-0123	REMOVED
1/15/50	HELEN BLUE	4646 CLOUD ST	555-4567	ACTIVE
1/15/50	IRVING PURPLE	4747 FOG ST	555-8901	PENDING
1/15/50	JACK RED	4848 SNOW ST	555-2345	REMOVED
1/15/50	JILL ORANGE	4949 ICE ST	555-6789	ACTIVE
1/15/50	JOHN GREEN	5050 WIND ST	555-0123	PENDING



Carolina Power & Light Company

SERIAL: NLS-86-487

JAN 07 1987

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

SHEARON HARRIS NUCLEAR POWER PLANT  
DOCKET NO. 50-400/LICENSE NO. NPF-53  
INADEQUATE CORE COOLING INSTRUMENTATION

Dear Mr. Denton:

Carolina Power & Light Company (CP&L) hereby submits an implementation letter for the instrumentation used to detect inadequate core cooling at the Shearon Harris Nuclear Power Plant. This implementation letter is being submitted as required by Safety Evaluation Report (SER) License Condition No. 8 and as committed to in CP&L letter dated May 29, 1986. The instrumentation used to detect inadequate core cooling include the following three subsystems: (1) subcooling margin calculated by the Emergency Response Facilities Information System (ERFIS) computer, (2) core exit thermocouple system, and (3) reactor vessel level instrumentation system (RVLIS). This instrumentation has been installed and preoperational tests have been completed. Startup tests and calibrations for which the core must be in place have also been completed. This instrumentation is operational as required by this license condition. However, it should be noted that additional calibration data must be collected at various power levels throughout the ascension to full power.

If you have any questions on this subject or require additional information, please contact me.

Yours very truly,

S. R. Zimmerman  
Manager

Nuclear Licensing Section

JDK/bmc (5105JDK)

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

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