

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

TO: Mr. Edson G. Case		FROM: CP&L Raleigh, N. C. 27602 M. A. McDuffie		DATE OF DOCUMENT 09/20/77
<input checked="" type="checkbox"/> LETTER <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> COPY		<input type="checkbox"/> NOTORIZED <input checked="" type="checkbox"/> UNCLASSIFIED	PROP	DATE RECEIVED 09/23/77
			INPUT FORM	NUMBER OF COPIES RECEIVED <b>2 signed</b>

DESCRIPTION

Advising CP&L will install an axial power distribution monitoring system to maintain the maximum allowable power peak factor used in the ECCS calculations...

1p

jcm 09/26/77

PLANT NAME: SHEARON HARRIS UNITS 1 - 4

**Dist. per M. Rushbrook**

ENCLOSURE

FOR ACTION/INFORMATION			
ASSIGNED AD: (LTR)	<b>VASSALLO</b>		
BRANCH CHIEF:	<b>PARR</b>		
PROJECT MANAGER:	<b>MINER</b>		
LICENSING ASST: (LTR)	<b>RUSHBROOK</b>		

INTERNAL DISTRIBUTION			
<input checked="" type="checkbox"/> REG FILE	LAINAS		
NRC PDR	IPPOLITO		
I & E	F. ROSA		
OELD (LTR)	GAMMILL (2)		
P. COLLINS	VOLLMER (LTR)		
HOUSTON	BUNCH		
HELTEMES	J. COLLINS		
CASE (LTR)	KREGER		
MIPC (LTR)			
KNIGHT (LTR)			
BOSNAK			
SIHWEIL			
PAWLICKI			
ROSS (LTR)			
NOVAK			
ROSZTOCZY			
CHECK			
TEDESCO (LTR)			
BENAROYA			

EXTERNAL DISTRIBUTION			CONTROL NUMBER
LPDR: <b>RALEIGH, N.C.</b>			<b>772700003</b>
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ACRS 16 CYS SENT CATEGORY <b>B</b>			



CP&L

Carolina Power & Light Company

September 20, 1977

REGULATORY DOCKET FILE COPY

Mr. Edson G. Case, Acting Director  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

SHEARON HARRIS NUCLEAR POWER PLANT, UNIT NOS. 1, 2, 3 AND 4  
DOCKET NOS. 50-400, 50-401, 50-402, AND 50-403  
AXIAL POWER DISTRIBUTION MONITORING SYSTEM

Dear Mr. Case:

As verbally discussed with your staff, Carolina Power & Light Company will install an axial power distribution monitoring system (APDMS) in order to maintain the maximum allowable power peak factor used in the ECCS calculations. Provisions to accomodate the installation of the APDMS have been made to present Shearon Harris Nuclear Power Plant (SHNPP) design. The SHNPP Preliminary Safety Analysis Report will be modified by admendment to incorporate the above commitment.

Yours very truly,

*M. A. McDuffie*

M. A. McDuffie  
Senior Vice President  
Engineering & Construction

MAM/gsm

472700003<sup>3</sup>

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