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DOCTYPE: LETTER NOTARIZED: NO SUBJECT:

COPIES RECEIVED LTR 1 ENCL 1

FURNISHING INFO CONCERNING ASPECTS OF THE CONSTRUCTION SCHEDULE FOR THE MAIN AND AUXILIARY DAMS AT SUBJECT FACILITY. .. W/ATT WEST AUXILIARY DAM CONSTRUCTION SCHEDULE & MAIN DAM CONSTRUCTION SCHEDULE.

PLANT NAME: SHEARON HARRIS #1 SHEARON HARRIS #2 SHEARON HARRIS #3 SHEARON HARRIS #4

REVIEWER INITIAL: MLX DISTRIBUTER INITIAL: N

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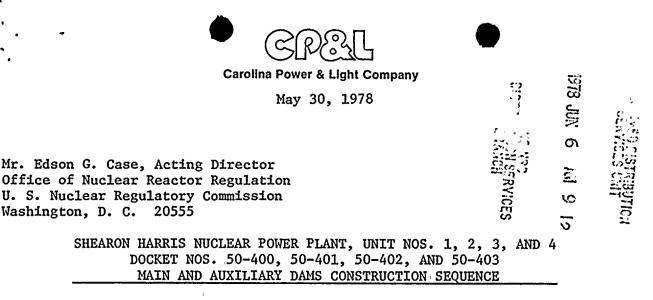
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Dear Mr. Case:

On May 10, 1978, representatives of Carolina Power & Light Company (CP&L) met with members of your staff to discuss various aspects of the construction schedule for the main and auxiliary dams at the Shearon Harris Nuclear Power Plant (SHNPP) site. As described at this meeting, dam construction activities will overlap in a sequential fashion as shown on the attached schedules. As agreed at the May 10, 1978 meeting, CP&L will provide at least 10 days notification prior to reaching the "NRC Site Inspection/Approval" milestones shown on the attached schedules, plus at any additional milestones as designated by your staff.

At the May 10, 1978, meeting, the mapping requirements for the main and auxiliary dams were also discussed. While the scope of the mapping required will be determined during actual mapping, CP&L will provide an interim report containing the mapping of the cutoff trench for each dam prior to the submittal of the SHNPP Final Safety Analysis Report (FSAR). The final mapping report will either be included in, or referenced by, the FSAR.

If you have any additional questions concerning the construction sequence for the SHNPP main and auxiliary dams, please contact our staff.

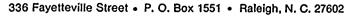
Yours very truly,

Mam Diff:

M. A. McDuffie Senior Vice President Engineering & Construction

MAM/gsm Attachment

**REGULATORY DOCKET FILE COPY** 78157030E



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## SHEARON HARRIS NUCLEAR POWER PLANT

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WEST AUXILIARY DAM - CONSTRUCTION SCHEDULE

• · · · · · · · · · · · · · · · · · · ·	1978							1	1979									
•	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.		
. I. Core Trench Excavation including grouting												, 				<b> </b>		
A. Excavation Cutoff Trench		*********		1	E	1	1	1			1							
B. Initial cleaning, inspection & mapping	ļ	<u>اللا ــــــــــــــــــــــــــــــــــ</u>	hmmin									· ·						
C. Drilling & Grouting	<u> </u>	ļ		himi														
D. Final cleaning, Surface Treatment & Backfill	ļ	ļ	L	<u> </u>					<u> </u>		ļ							
E. NRC Site Inspéction / Approval ?	<b> </b>			<u> </u>	<b>_</b>					<b></b>		<u> </u>		<b> </b>			-	
	<u>                                      </u>			· · ·								*******						
II: Embankment Foundation	<u> </u>	ļ							<u></u>		<u>                                      </u>	<u>                                     </u>						
A. Excavate Filter & Random Rock Fill Zones	[	ļ	· · · · · · · · · · · · · · · · · · ·	<u> </u>										111111111		<u>├</u> ┩		
B. Backfill Embankment Core & Filter Material	ļ	<u> </u>		<u> </u>	<u>  111</u>							<u>, , , , , , , , , , , , , , , , , , , </u>		<u></u>		<b>├</b> ───┥	1	
C. Complete test Fill Program	<u> </u>		<b> </b>		1111				11111111	111111			1111111	1111111	<u> </u>	<b>├</b> ───┤		
D. Place & Compact Random Rock Fill Material	· · ·	ļ	<b> </b>	<b> </b>	<u> llll</u>	hunn				<u></u>				<u></u>				
E. Submit Mapping				<u> </u>										<u> </u>				
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III. Rip Rap	ļ	<u>`</u>		<u> </u>			<b> </b>	<b></b>						********	<b> </b>			
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## SHEARON HARRIS NUCLEAR POWER PLANT

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MAIN DAM - CONSTRUCTION SCHEDULE

	1978									1979									
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug			
STAGE I:										-		<u> </u>							
Temporary Diversion Channel & Cofferdams		<u>à II II</u>										ļ	ļ	ļ					
Diversion Conduit Excavation							<b> </b>		ļ										
Diversion Conduit Area Dental/Grouting/Mapping	٩							i				ļ	<b> </b>		<b> </b>				
Test Fills & Foundation Shear Test												ļ	ļ	<u> </u>					
NRC Site Inspection / Approval				-	l		<u> </u>				<b> </b>	<u> </u>	[			<b> </b>			
Diversion Conduit Installation	· · ·									·		· ·		ļ		I			
Channel Diversion				<u> </u>							ļ	<u> </u>	<u> </u>	ļ		<b> </b>			
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STAGE II:																			
Foundation/Core Trench Excavation, Preparations & grout:	ihg												<u>, , , , , , , , , , , , , , , , , , , </u>	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>					
NRC Site Inspection?/Approval?						1		<u> </u>	11										
Embankment Construction							l												
Submit Mapping								L		l				ļ		<u> II</u>			
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Note: A third NRC site inspection may prove desirable		1						•				1	1			ł			
in event Norfolk-Southern Railroad relocation delays																			
exposure of the entire embankment base as scheduled.			· · · · · · · · · · · · · · · · · · ·				1									L			
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