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DOCKET #  
 05000400  
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 05000402

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 AUTHOR AFFILIATION: Carolina Power & Light Co.  
 RECIPIENT AFFILIATION: Office of Nuclear Reactor Regulation

SUBJECT: Confirms exposure of site fault in West auxiliary dam foundation. Schedules mapping documentation during routine mapping sequence.

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[The text in this section is extremely faint and illegible. It appears to be a series of lines of text, possibly a list or a set of instructions, but the characters are too light to be transcribed accurately.]



Carolina Power & Light Company

June 15, 1979

Mr. Harold R. Denton, 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  
EXPOSURE OF SITE FAULT IN WEST AUXILIARY DAM FOUNDATION

Dear Mr. Denton:

A fault was discovered in the plant excavation area on July 3, 1974, and traced by a series of fault exploration trenches to the auxiliary dam spillway area. At that time the fault was traced to trench FET 22W-74 which is at the top and northeast side of the auxiliary dam core trench. Results of this fault investigation were reported by Carolina Power & Light Company to the NRC in a report entitled "Fault Investigation Shearon Harris Nuclear Power Plant Units 1, 2, 3, 4" dated February, 1975. Based on that investigation and subsequent hearings, the NRC concluded that this fault was not capable as defined in Appendix A to 10CFR 100.

As anticipated, excavation of the auxiliary dam core trench near the spillway has exposed this fault at Station 4+20. This was verbally reported to your staff on May 8, 1979. Because this fault was previously investigated and concluded to be not capable, Carolina Power & Light Company does not intend to investigate this fault further. The new exposure of the fault will be documented by mapping during the routine mapping sequence for that area of the auxiliary dam core trench.

Yours very truly,

M. A. McDuffie  
Senior Vice President  
Engineering and Construction

MAM/t1

cc: Mr. James P. O'Reilly

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