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Docket Nos.: 50-348
50-364

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D. C. 20555-0001

Joseph M. Farley Nuclear Plant
Safety Inspection of the Category I Cooling Water Storage Pond Dam
Response to a Request for Additional Information

Ladies and Gentlemen:

In a letter dated June 4, 2003, titled "Dam Safety Inspection of the Category I Cooling Water Storage Pond Dam at James [Joseph] M. Farley Nuclear Power Plant," the NRC requested Southern Nuclear Operating Company (SNC) to review and provide any required corrections to data on page 3 titled "Pertinent Data, Farley Category I Cooling Water Storage Pond."

SNC has reviewed the data and the enclosure contains the updated information.

This letter contains no NRC commitments. If you have any questions, please advise.

Sincerely,

J. B. Beasley, Jr.

JBB/CHM/sdl

Enclosure: Response to Request for Additional Information

cc: Southern Nuclear Operating Company
Mr. J. D. Woodard, Executive Vice President
Mr. D. E. Grissette, General Manager – Plant Farley
Document Services RTYPE: CFA04.054; LC# 13837

U. S. Nuclear Regulatory Commission
Mr. L. A. Reyes, Regional Administrator
Mr. F. Rinaldi, NRR Project Manager – Farley
Mr. T. P. Johnson, Senior Resident Inspector – Farley
Mr. D. S. Rom, Dam Safety Officer, Office of Nuclear Materials Safety and Safeguards

A-501

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Enclosure

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NRC Question:

We request that you review the data on page 3 of the report and provide NRC with any corrections or missing information.

SNC Response:

The following data reflects the latest completed and documented information.

**Pertinent Data
Farley Category I Cooling Water Storage Pond**

Dam:

Year Construction Completed	1976
Type	Homogeneous earth fill
Length	3900 feet
Crest Elevation	195 feet
Crest Width	30 feet

Slopes:

Dam Section (Sta. 10+00 to 16+00):	
Upstream	4 (H): 1 (V)
Downstream	3 (H): 1 (V)

Dike Sections:

Upstream	3.5 (H): 1 (V)
Downstream	2.5 (H): 1 (V)
Spillway Type	Uncontrolled

Reservoir:

Drainage area	0.5 square miles
Normal pool elevation	184.0 to 186.0 feet
Surface area @ elev. 184.0 ft	95 acres

Volume:

Below elev. 161 feet	97 acre-feet
Below elev. 184 feet	1434 acre-feet
Below elev. 186 feet	1626 acre-feet
Above elev. 186 feet	811 acre-feet
Maximum	2,674 acre-feet

Location:

Latitude 31.21, Longitude 85.11

NATDAM Number:

AL83 101

Hazard Potential:

(Based on hydrology) Low
(Based upon impoundment usage) High

NOTE: All elevations are mean sea level.