



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

June 16, 2011

Mr. Christopher Burton, Vice President
Shearon Harris Nuclear Power Plant
Carolina Power & Light Company
Post Office Box 165, Mail Zone 1
New Hill, North Carolina 27562-0165

SUBJECT: SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1–DAM SAFETY
INSPECTION REPORT FOR THE AUXILIARY RESERVOIR DAM
(TAC NO. MD8547)

Dear Mr. Burton:

Enclosed is a copy of the Dam Safety Inspection Report for the Auxiliary Reservoir Dam prepared by the Federal Energy Regulatory Commission (FERC) for the U.S. Nuclear Regulatory Commission. The enclosure contains the results of an inspection on April 8, 2011, of the auxiliary reservoir dam at Shearon Harris Nuclear Power Plant, Unit 1. The inspection included the main section of the auxiliary earth dam, the concrete spillway, spillway outlet channel, the right section of the earth embankment and the topographic features around the auxiliary dam and appurtenant structures. The separation dike was also inspected. During this inspection, no conditions were observed that would adversely affect the safety of the dam or the nuclear facility. The maintenance of the auxiliary reservoir dam appeared to be satisfactory.

At FERC's request, the enclosure is not being made publicly available since it contains critical energy infrastructure information.

The enclosure transmitted herewith contains Security-Related information. When separated from the enclosure, this document is decontrolled.

C. Burton

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If you have any questions, please contact me at 301-415-2020 or via e-mail at brenda.mozafari@nrc.gov.

Sincerely,

A handwritten signature in black ink that reads "Brenda Mozafari". The signature is written in a cursive style with a large initial "B".

Brenda Mozafari, Senior Project Manager
Plant Licensing Branch II-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-400

Enclosure: As stated

cc w/encl:

Mr. Terence Slake
Shearon Harris Nuclear Power Plant
Carolina Power & Light Company
Post Office Box 165, Mail Zone 1
New Hill, North Carolina 27562-0165

cc w/o encl: Distribution via Listserv (public letter only)

C. Burton

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If you have any questions, please contact me at 301-415-2020 or via e-mail at brenda.mozafari@nrc.gov.

Sincerely,

/RA/

Brenda Mozafari, Senior Project Manager
Plant Licensing Branch II-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

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