

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

L. Staley

Item 7

MAR 6 1984

Docket Nos. 50-524/525

MEMORANDUM FOR: Ronald L. Ballard, Chief
Environmental & Hydrologic Engineering Branch, DE

THRU: *MT* Myron H. Fliegel, Leader
Hydrologic Engineering Section
Environmental & Hydrologic Engineering Branch, DE

FROM: Gary B. Staley, Hydraulic Engineer
Hydrologic Engineering Section
Environmental & Hydrologic Engineering Branch, DE

SUBJECT: SITE VISIT - VOGTLE ELECTRIC GENERATING STATION

Plant Name: Vogtle Electric Generating Station
Licensing Stage: OL
Docket Nos.: 50-524/525
Project Manager: M. Miller

On February 5, 1984 I visited several of the dams upstream of the Vogtle plant to familiarize myself with the features relevant to potential dam failures and flood affects at the Vogtle site. I visited three Corps of Engineers dams and two Duke Power Co. dams.

On February 6, 1984 I met with representatives from Georgia Power Co., Southern Company Services Inc., Bechtel Corp., and the NRC Licensing Project Manager. We had a brief meeting to discuss my questions and go over the items I wanted to accomplish during the site visit. At this time I distributed some additional comments on design of site drainage and sample environmental questions on E.O. 11988 (Floodplain Management) and the liquid pathway for a core melt release.

We next went on a tour of the site where I viewed the river intake and vicinity, the mechanical draft cooling towers, reactor basemat and ditches and other features pertaining to site drainage.

This site was actually too early in the construction process for me to be able to adequately observe many of the features pertinent to my review.

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In the afternoon we sat down and went over my questions in detail and some of the projected applicant responses and solutions.

The applicant and his consultants were very efficient, productive and professional in catering to my concerns and insuring that my site visit served its intended purpose.

Gary P. Staley, Hydraulic Engineer
Hydrologic Engineering Section
Environmental & Hydrologic
Engineering Branch
Division of Engineering

cc: E. Adensan
M. Miller
H. Fliegel

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