



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION II  
101 MARIETTA ST., N.W., SUITE 3100  
ATLANTA, GEORGIA 30303

NOV 4 1980

In Reply Refer To:  
RII:AFG  
70-1151

Westinghouse Electric Corporation  
ATTN: M. D'Amore, Manager  
Columbia Plant  
Nuclear Fuel Division  
Drawer R  
Columbia, SC 29205

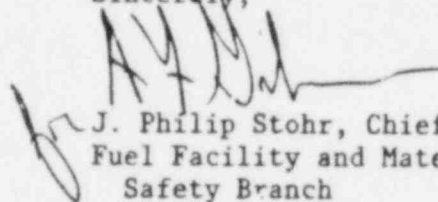
Gentlemen:

Two recent instances of migration of radiological and nonradiological contaminants into groundwater from liquid waste storage ponds indicate the need to reevaluate groundwater monitoring data and the adequacy of groundwater monitoring programs. NRC is performing this reevaluation at all fuel facilities where ponds are used for waste storage.

On November 14, 1980, a Region II representative and a team of three hydrogeologists under contract with NRC will visit your facility to review groundwater monitoring data and to assess the adequacy of your groundwater monitoring program. During the visit, the team will inspect your ponds, review monitoring data, and discuss pertinent matters with your staff. A brief outline of matters to be discussed is provided as Enclosure 1.

We appreciate your cooperation in making this information and your responsible staff members available on this date.

Sincerely,

  
J. Philip Stohr, Chief  
Fuel Facility and Materials  
Safety Branch

Enclosures: (1) As stated

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ENCLOSURE 1

QUESTION GUIDE FOR SITE REVIEW

1. Source and Isotopes

What isotopes  
Physical and chemical forms  
Levels of activity  
Discharge volume  
Other sources

II. Configuration

Pond characteristics  
bottom  
single or series  
volume  
evaporation potential  
vegetation  
animals - disruptive

Pond protection  
plants  
animals  
fences  
topography  
rainfall and floods  
erosion  
hydrology

III. Monitoring

What is included  
Onsite and Offsite  
Test wells  
Soil  
Water Vegetation  
Animals  
Air  
Intervals  
How are samples collected  
How are samples prepared  
What base line used  
Feedback  
What are trends  
Future plans

IV. Analyses

Sample preparation

Do own samples  
If sent out, to whom  
Turnaround Time  
Data management

Analyses for

Alpha and/or beta  
Separate isotope  
Equipment used  
Thorium, radium, radon  
Heavy metals  
Toxics

Personnel and facilities

Supervision - background  
Tech - background  
Are they full time