

**Tom Tynan**  
Vice President - Vogtle

**Southern Nuclear  
Operating Company, Inc.**  
7821 River Road  
Waynesboro, Georgia 30830  
Tel 706.826.3151  
Fax 706.826.3321



November 12, 2007

Docket Nos. 50-424 & 50-425

NL-07-2119

U.S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, DC 20555-0001

Southern Nuclear Operating Company  
Vogtle License Renewal Application  
Environmental Site Audit Information Request – Follow up Response

Ladies and Gentlemen:

On October 15-16, 2007, the U.S. Nuclear Regulatory Commission (NRC) performed an onsite audit of the Environmental Report (ER) and supporting documentation developed for the License Renewal Application for the Vogtle Units 1 and 2. By letter dated September 5, 2007, the NRC provided Southern Nuclear Operating Company (SNC) with a list of questions and information requests to be addressed during the audit. On October 23, 2007 the NRC submitted a list of Post Audit Information Requests that were developed based on the review of the requested information and interviews with SNC personnel and SNC contractors during the audit.

The NRC requested SNC's response to the Post Audit Information Request be formally submitted to support the development of their Environmental Impact Statement (EIS). The NRC requested SNC to submit the requested information in two phases, in order to allow the NRC to expedite development of the EIS. The first phase was submitted November 5, 2007 and consisted of all the requested information, with the exception eleven (11) items that required additional time to complete. The enclosure to this letter provides SNC responses to the remaining eleven information requests.

If you have any questions, please contact D. L. Fulton at 205-992-7536 or T. C. Moorer at 205-992-5807.

A129  
NRK

Mr. T. E. Tynan states he is a Vice President of Southern Nuclear Operating Company, is authorized to execute this oath on behalf of Southern Nuclear Operating Company and to the best of his knowledge and belief, the facts set forth in this letter are true.

Respectfully submitted,

**SOUTHERN NUCLEAR OPERATING COMPANY**

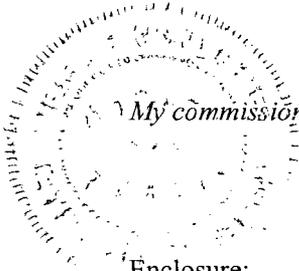
*Tom E. Tynan*

**Tom E. Tynan**

TET/DLF/dmw

Sworn to and subscribed before me this 12th day of November 2007

*Melba J. Kicklighter*  
Notary Public



My commission expires: Jan. 11, 2011

Enclosure:

1. Follow Up Response to NRC Post Audit Information Requests from the October 2007 Environmental Site Audit for Vogtle License Renewal Application.
2. SNC Documentation.

cc: Southern Nuclear Operating Company

Mr. J. T. Gasser, Executive Vice President	w/o Enclosures
Mr. T. E. Tynan, Vice President – Vogtle	w/o Enclosures
Mr. D. H. Jones, Vice President – Engineering	w/o Enclosures
Ms. M. M. Caston, Vice President and Corporate Counsel	w/o Enclosures
Mr. B. J. George, Manager – Nuclear Licensing	w/o Enclosures
Mr. N. J. Stringfellow, Licensing Supervisor – Vogtle	w/o Enclosures
Mr. S. M. Blanton, Balch and Bingham LLP	w/o Enclosures
Mr. C. R. Myer, Project Manager – License Renewal	w/o Enclosures
Mr. T. C. Moorer, Project Manager – Environmental	w/o Enclosures
Document Services RTYPE: CVC7000 (letter, Enclosures 1 and 2, not including CD)	
Document Services RTYPE: CVLR01.002 (CD only)	

Nuclear Regulatory Commission

Mr. J. P. Leous, Environmental Project Manager - Vogtle	w/ Enclosures
Mr. D. J. Ashley, License Renewal Project Manager – Vogtle	w/ Enclosures
Dr. W. D. Travers, Regional Administrator	w/ Enclosures
Mr. S. P. Lingam, NRR Project Manager – Vogtle	w/ Enclosures
Mr. G. J. McCoy, Senior Resident Inspector – Vogtle	w/ Enclosures

State of Georgia

Mr. N. Holcomb, Commissioner – Dept. of Natural Resources	w/o Enclosures
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Tetra Tech NUS. Inc.

Ms. K. K. Patterson, Project Manager	w/o Enclosures
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NL-07-2119  
Enclosure 1  
Post Audit Information Requests – Follow up Response

**Southern Nuclear Operating Company**

**NL-07-2119**

**Enclosure 1**

**Response to October 23, 2007**

**Post Audit Information Requests – Follow up Response**

**On**

**Vogtle License Renewal Application**

**Environmental Report**

Post Audit Information Request - Follow up Response  
Vogtle Units 1 & 2 License Renewal - October 2007

Document #	Reference	Reports/Data Requested for Review	NRC Comments																		
A4	SNOC April 4, 2007	Letter from J.M. Godfrey to NRC Document Control Desk, 2006 Annual Occupational Radiation Exposure Report (for Hatch, Farley, and Vogtle)																			
<p><b>Response:</b> The submittal letter for the 2006 Annual Occupational Radiation Exposure Report can be located in ADAMS at accession number ML071020226. However the report that was provided to the NRC in accordance with 10 CFR 20.2206(c) contains sensitive information and is not available to the public. Due to the sensitive nature of this information, SNC is requesting that the NRC obtain this information through the Radiation Exposure Information and Reporting System (REIRS). This information can be requested using the REIRS request form at <a href="http://www.reirs.com">www.reirs.com</a>.</p>																					
A8	SNOC	Copies of Radiological Environmental Monitoring Reports for last 5 years.																			
<p><b>Response:</b> SNC submits the Annual Radiological Environmental Surveillance Report (commonly known as REMP) and the Radioactive Effluent Release (RER) reports annually to the NRC. The list below includes the year and ADAMS accession number for the two sets of annual reports. The ADAMS record for the RER reports for 2003 and 2005 only contained the cover letter for the submittal. SNC is providing the Vogtle RER reports for 2003 and 2005 in Enclosure 2.</p> <p style="text-align: center;"><b><u>ADAMS Accession Number</u></b></p> <table border="0"> <thead> <tr> <th><u>Year</u></th> <th><u>REMP</u></th> <th><u>RER</u></th> </tr> </thead> <tbody> <tr> <td>2002</td> <td>ML031210224</td> <td>ML031210413</td> </tr> <tr> <td>2003</td> <td>ML041400142</td> <td>ML041280425 (cover letter only)</td> </tr> <tr> <td>2004</td> <td>ML051380059</td> <td>ML051170347</td> </tr> <tr> <td>2005</td> <td>ML061380261</td> <td>ML061240244 (cover letter only)</td> </tr> <tr> <td>2006</td> <td>ML071360057</td> <td>ML071220471</td> </tr> </tbody> </table>				<u>Year</u>	<u>REMP</u>	<u>RER</u>	2002	ML031210224	ML031210413	2003	ML041400142	ML041280425 (cover letter only)	2004	ML051380059	ML051170347	2005	ML061380261	ML061240244 (cover letter only)	2006	ML071360057	ML071220471
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**Post Audit Information Request - Follow up Response  
Vogtle Units 1 & 2 License Renewal - October 2007**

Document #	Reference	Reports/Data Requested for Review	NRC Comments										
A9	SNOC	Copies of Non-Radiological Environmental Monitoring Reports for last 5 years.											
<p><b>Response:</b> The Annual Non-Radiological Environmental Operating Reports from 2002 - 2005 are in ADAMS. The accession numbers are listed below. The 2006 report could not be located in ADAMS and is included in Enclosure 2.</p>													
<table border="1"> <thead> <tr> <th data-bbox="233 431 289 459"><u>Year</u></th> <th data-bbox="554 431 884 459"><u>ADAMS Accession Number</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="233 464 289 492">2002</td> <td data-bbox="554 464 716 492">ML031200339</td> </tr> <tr> <td data-bbox="233 497 289 525">2003</td> <td data-bbox="554 497 716 525">ML041250030</td> </tr> <tr> <td data-bbox="233 530 289 558">2004</td> <td data-bbox="554 530 716 558">ML051170156</td> </tr> <tr> <td data-bbox="233 563 289 591">2005</td> <td data-bbox="554 563 716 591">ML061180497</td> </tr> </tbody> </table>				<u>Year</u>	<u>ADAMS Accession Number</u>	2002	ML031200339	2003	ML041250030	2004	ML051170156	2005	ML061180497
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A14	SNOC	Groundwater Monitoring data from first round testing of NEI groundwater initiative.											
<p><b>Response:</b> The radiological groundwater monitoring program for Vogtle, developed in response to the recent NEI initiative, was included in the November 5, 2007 Environmental Site Audit Information Request Response. In September and October 2007, SNC installed eight additional monitoring wells in strategic areas for monitoring and potential delineation of radionuclide impacts to the groundwater. The baseline groundwater sampling event was conducted in October 2007 and SNC is currently awaiting laboratory analysis. Groundwater samples will be collected on a quarterly frequency for the first year and then semi-annually. The data collected in 2007 will be included in the Annual Radiological Environmental Operating Report for 2007, which is scheduled for submittal in May 2008.</p>													

Post Audit Information Request - Follow up Response  
Vogtle Units 1 & 2 License Renewal - October 2007

Document #	Reference	Reports/Data Requested for Review	NRC Comments																					
A16	SNOC	List of water additives and application rates																						
<p><b>Response:</b> Provided in the following table are the water treatment chemicals used for Vogtle Units 1 &amp; 2. Also provided are the application rates (if known) and more important, the target concentration (in parts per million) maintained in the system being treated. Values present in the discharge are typically much lower due to decomposition, uptake by the system, and dilution from other water sources.</p> <table border="1"> <thead> <tr> <th>Chemical</th> <th>Use</th> <th>Target Concentration</th> </tr> </thead> <tbody> <tr> <td>Nalco Sure-Cool 1336 (tolytriazole)</td> <td>corrosion control - yellow metals</td> <td>2 ppm</td> </tr> <tr> <td>Nalco 3DT177 (polymer)</td> <td>corrosion control - mild steel</td> <td>10 - 11 ppm</td> </tr> <tr> <td>Nalco 3DT190 (polymer)</td> <td>dispersant</td> <td>6 - 7 ppm</td> </tr> <tr> <td>Nalco 7905 (ammonium bisulfite)</td> <td>de-halogenation agent</td> <td>25% excess to Halogen residual</td> </tr> <tr> <td>Nalco Stabrex ST-70</td> <td>biocide for microfouling</td> <td>0.2 to 0.75 ppm Free Available Oxidant (FAO)</td> </tr> <tr> <td>Nalco 1318 (sodium bromide &amp; )</td> <td>biocide for clam kills</td> <td>0.5 ppm FOA for 120 hours</td> </tr> </tbody> </table> <p>The primary environmental issue related to water treatment at Vogtle is the use of halogen-based biocides to control micro and macro-fouling in the circulating water system, including the cooling towers. The treatment regime is administered by a vendor (NALCO) and the biocide program consists of oxidizing biocides in one of three forms; liquid sodium hypochlorite, liquid sodium bromide activated with sodium hypochlorite, or stabilized bromine. In each case, any residual remaining in the blowdown is neutralized using a reducing agent (typically ammonium bisulfite) added at a rate to ensure stoichiometric excess to ensure all residual is removed (neutralized) prior to discharge. Approximately 25% excess is provided, since the reducing agent has low toxicity, to ensure no oxidant residual is discharged to the river even if fluctuations in discharge flow occur. Any biocide residual is neutralized by adding ammonium bisulfite directly to the cooling tower blowdown mixing box.</p> <p>For example, if 0.5 ppm FAO is present in the blowdown, 0.5 ppm ammonium bisulfite would be added at the stoichiometric 100 % equivalent to neutralize 0.5 ppm FAO, plus an additional 25% (<math>0.5 \times 0.25</math>) = 0.125 ppm for a total of 0.625 ppm stoichiometric equivalent ammonium bisulfite. Thus the discharge would contain zero oxidant residual and 0.125 ppm ammonium bisulfite residual. The NPDES permit for Units 1 and 2 contains monitoring and reporting requirements for oxidant residual in the discharge with very low (essentially non-detect) limits. Monitoring of ammonium bisulfite is not required.</p>				Chemical	Use	Target Concentration	Nalco Sure-Cool 1336 (tolytriazole)	corrosion control - yellow metals	2 ppm	Nalco 3DT177 (polymer)	corrosion control - mild steel	10 - 11 ppm	Nalco 3DT190 (polymer)	dispersant	6 - 7 ppm	Nalco 7905 (ammonium bisulfite)	de-halogenation agent	25% excess to Halogen residual	Nalco Stabrex ST-70	biocide for microfouling	0.2 to 0.75 ppm Free Available Oxidant (FAO)	Nalco 1318 (sodium bromide & )	biocide for clam kills	0.5 ppm FOA for 120 hours
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**Post Audit Information Request - Follow up Response  
Vogtle Units 1 & 2 License Renewal - October 2007**

Document #	Reference	Reports/Data Requested for Review	NRC Comments
24	NA	Rad Monitoring Wells – 28 new wells have been installed with the completion of the last well near the discharge ditch at the Savannah River. Please provide any monitoring data that may be available for the new wells.	
<p><b>Response:</b> There were only eight (8) monitoring wells installed to support the NEI Groundwater Monitoring Initiative. These wells were installed in September and October 2007. The groundwater monitoring program calls for sampling 29 wells throughout the Vogtle site. Of these wells 21 are installed in the water table aquifer and eight (8) in the tertiary aquifer. As indicated in the response to item A14 the analytical data is currently not available and will be included in the Annual Radiological Environmental Operating Report that will be submitted in May 2008.</p>			
25	NA	Please provide a description of the following areas and monitoring data that may have been collected in the past 5 years:	
<p>A.) Rad Waste Storage Area</p>			
<p><b>Response:</b> Radwaste and radioactive materials are all stored within the protected area at the Radwaste Processing Facility, Alternate Radwaste Building, and Radwaste Solidification Building. Radiological monitoring reports are included in the response to item A8.</p>			
<p>B.) Non-Rad Waste Storage Area</p>			
<p><b>Response:</b> Descriptions of the storage areas for non-radioactive solid wastes are included in Vogtle's Spill Protection Control and Countermeasure (SPCC) plan. An uncontrolled reference copy is provided for NRC review only in Enclosure 2. There are no NPDES permit requirements associated with the hazardous waste accumulation area.</p>			
<p>C.) Hazardous Waste Storage Area. (NPDES Permit Sampling)</p>			
<p><b>Response:</b> Descriptions of the storage areas for hazardous wastes are included in Vogtle's Spill Protection Control and Countermeasure (SPCC) plan. An uncontrolled reference copy is provided for NRC review only in Enclosure 2. There are no NPDES permit requirements associated with the hazardous waste accumulation area.</p>			

Post Audit Information Request - Follow up Response  
Vogtle Units 1 & 2 License Renewal - October 2007

Document #	Reference	Reports/Data Requested for Review	NRC Comments
D.) Low Level Rad Waste Shipping Building;			
<p><b>Response:</b> Low level radioactive waste will be handled as follows:</p>			
<p>1. Waste Class A will be shipped as soon as containers are filled (Dry Active Waste, Class A resins and filters).</p>			
<p>2. Waste Class B and C resins will be stored on the low level waste radwaste storage pad scheduled for construction in 2008 (Conceptual design for the low level radioactive waste storage pad was submitted with the November 5, 2007 letter). The resins will be shipped to a vendor who will reduce the volume, place in a single High Integrity Container (HIC), and returned to Vogtle. The HIC will remain in storage until another disposal site is licensed and open for business.</p>			
<p>3. Waste Class B and C, including Greater than Class C Filters, will be placed inside a HIC and stored on the pad with the resin.</p>			
<p>4. Inside the protected area there are 6 Secured Environmental Containers, 3 inside the old Alternate Radwaste Building (ARB), and 3 behind the Radwaste Solidification Building.</p>			
<p>Until the new low level radioactive waste storage area becomes operational in 2008, shipments will continue to be made from inside the protected area. Sealand containers awaiting shipment, B-25 boxes and other radioactive waste are stored outdoors between the Nuclear Operations Warehouse and Radwaste Solidification Building.</p>			
E.) Fire Training Area			
<p><b>Response:</b> The Vogtle Fire training area is a remote area in the northwest portion of the site set aside for training of the Vogtle Fire Brigade. The area contains a number of designated burn areas for training personnel to fight various types of fires under various conditions. The area contains a burn building, a large transformer, and contained areas for open fires. The burn areas are surrounded by containment to collect wastewater from firefighting activities. These containment areas drain to a common oil/water separator to remove any residual oil from the wastewater prior to discharge. The discharge from the oil/water separator is routed to a nearby drainage ditch that flows to Retention Pond #2. No monitoring of this discharge is required. There are no environmental monitoring requirements associated with the fire training area. As such, no monitoring data is available.</p>			

Post Audit Information Request - Follow up Response  
Vogtle Units 1 & 2 License Renewal - October 2007

Document #	Reference	Reports/Data Requested for Review	NRC Comments
F.) Landfills – Construction LF #3; Asbestos and Closed Landfills			
<p><b>Response:</b> A detailed description of Landfill #2 (closed landfill with one open Asbestos Trench) and Landfill #3 are included in the Design and Operation (D &amp; O) Plans included in Enclosure 2. Available groundwater and methane monitoring data from 2002 through 2007 are also included in Enclosure 2.</p>			
G.) Rifle Range			
<p><b>Response:</b> The former firing range, located in the north of units 1 &amp; 2 and in the vicinity of Landfill #2, began operation in 1985 for security officer training. This firing range was closed in 2000 when the new facility, located in the vicinity of Plant Wilson, began operation. In 2007 SNC conducted a preliminary screening of the firing range for the preparation of conducting any environmental cleanup that may be warranted. Findings from the preliminary screening indicated that the potential for approximately 125 cubic yards of lead impacted soil will need to be removed and disposed of in a permitted landfill. SNC is currently reviewing the findings from the screening and evaluating the remediation options. The former firing range remediation activities should be conducted in the 2008 - 2009 time frame.</p>			
H.) Sewage Treatment Plant.			
<p><b>Response:</b> The sewage treatment plant, installed in 2006, is an activated sludge treatment plant, manufactured by HTI, Inc. The system consists of two independent trains and is capable of processing 60,000 gallons of sludge per day, with a one day peak load of 85,000 gallons. The average load for the site is approximately 23,000 gallons per day. The treated waste is chlorinated and pumped by a lift station to the waste water retention basin, combined with the cooling tower blow down and then discharged to the river. There are no NPDES monitoring requirements, with the exception that the system will be maintained and properly operated.</p>			
H1		<p>Please provide the estimate pounds of waste from the waste manifest of non-radiological resins and sludge disposal.</p>	<p>The non-radioactive resins and sludge are disposed of offsite in a permitted industrial landfill, with an average volume of _____ pounds per year. Mike Odom stated that six roll-off containers are sent for permitted industrial landfill last year.</p>
<p><b>Response:</b> There are no regulatory requirements for segregating non-radiological resins and sludge from other non-radiological waste streams and therefore the quantities are unknown.</p>			

Post Audit Information Request - Follow up Response  
Vogle Units 1 & 2 License Renewal - October 2007

Document #	Reference	Reports/Data Requested for Review	NRC Comments														
H2		Please provide a summary of the types of [hazardous] waste and weight in pounds from the waste manifests.	The hazardous waste consists of listed waste streams, and in 2006, comprised a total of _____ pounds of hazardous waste. Mike Odom stated in 2006, two 55 gallon drums (300 lbs) of haz-waste was sent for disposal and in 2007, two 55 gallon drums of haz-waste was sent for disposal.														
<p><b>Response:</b> Vogtle is classified as a small quantity generator facility and is typically conditionally exempt since 220 pounds per month were not exceeded. The exception was in 2003 when Vogtle was classified as a large quantity generator due to generating 67,112 pounds of hazardous waste as a result of metals cleaning operations on the generator stator cooling system in October 2002. This cleaning event alone, generated approximately 51,200 pounds of low pH wastewater that was disposed as hazardous waste. Listed below are the estimated quantities per year of hazardous waste that were shipped for disposal.</p> <table border="1"> <thead> <tr> <th data-bbox="184 624 247 649"><u>Year</u></th> <th data-bbox="296 624 499 649"><u>Pounds of Waste</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="184 665 247 690">2002</td> <td data-bbox="296 665 373 690">67,112</td> </tr> <tr> <td data-bbox="184 707 247 731">2003</td> <td data-bbox="296 707 317 731">0</td> </tr> <tr> <td data-bbox="184 748 247 773">2004</td> <td data-bbox="296 748 338 773">350</td> </tr> <tr> <td data-bbox="184 789 247 814">2005</td> <td data-bbox="296 789 338 814">150</td> </tr> <tr> <td data-bbox="184 830 247 855">2006</td> <td data-bbox="296 830 338 855">500</td> </tr> <tr> <td data-bbox="184 872 247 897">2007</td> <td data-bbox="296 872 583 897">700 (as of the 3rd quarter)</td> </tr> </tbody> </table>				<u>Year</u>	<u>Pounds of Waste</u>	2002	67,112	2003	0	2004	350	2005	150	2006	500	2007	700 (as of the 3rd quarter)
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Post Audit Information Request - Follow up Response  
Vogtle Units 1 & 2 License Renewal - October 2007

Document #	Reference	Reports/Data Requested for Review	NRC Comments
H5		<p>For purposes of clarity please revise the following descriptions: The Cooling Water System (CWS) which includes the two 500 ft cooling tower receives water from the Savannah River and circulates the water through the turbine plant. Blow down water from the cooling towers is discharged back into the Savannah River. The (NSCW) system is design for Safety Reactor Cooling and as an Ultimate Heat Sink. The NSCW utilizes groundwater from four wells (MV-1 and MV-2 and backup wells TW-1 and TW-2) for operation. The system has four 80 ft deep cooling sumps with fans that receive the NSCW water and discharge the blow down to the Savannah River.</p>	<p>Tom Moorer was gracious enough to explain the difference between the CWS and NSCW cooling systems numerous times to NRC and Earth Tech. In addition, Figure 3.3 of the Environmental Study, March 1974 presents a diagram.</p>
<p><b>Response:</b> The Vogtle Final Environmental statement (FES) "Final Environmental Statement related to the operation of Vogtle Electric Generating Plant Units 1 and 2, Docket Nos. 50-424 and 50-425, NUREG 1087, March 1985" contains a discussion of this information in Section 4.2.4 Cooling System. Figure 4.3 describes Plant water Use and Figure 4.4 provides a diagram of the heat dissipation systems. Narrative descriptions for these systems are provided in the Final Environmental Statement related to the proposed Alvin W. Vogtle Nuclear Plant Units 1,2,3 and 4; Docket Nos. 50-424, 50-425, 50-426, and 50-427 in Section 3.4. This document states at 3.4: "Each unit of Vogtle Nuclear Plant (VNP) will require two heat dissipation systems. The largest, employing the hyperbolic natural-draft cooling towers, will dissipate the waste heat from the main circulating water system. The smaller heat dissipation systems will use mechanical draft cooling towers to dissipate the waste heat from the nuclear service system."</p> <p>Further at 3.4.1 Main Circulating water Systems, the document states: "The main circulating water systems provide cooling water for the main condensers and plant heat exchangers. The turbine condensers require a flow of 460,800 gpm at an inlet temperature of 90 degree F to maintain the design pressure of 4.45 in. Hg abs. within the condenser and to dissipate a heat load of about 7.94 E9 Btu/hr... This section describes in great detail the operating parameter for the main circulating water system (natural draft cooling towers). The following section 3.4.2 Nuclear Service Cooling-Water System provides a detailed description of the mechanical draft Nuclear Service Cooling Water (NSCW) towers and components. Please note that the march 1985 EIS updates relevant information from the four unit design proposed in the 1974 document to the two unit design described in the march 1985 document that was actually constructed at Vogtle.</p>			

Post Audit Information Request - Follow up Response  
Vogle Units 1 & 2 License Renewal - October 2007

Document #	Reference	Reports/Data Requested for Review	NRC Comments
H8		Please verify the above summary and add information on the four response levels, especially Level 3 and 4 when the flow is below 3800 cfs.	Tom Moorer stated that there is no minimum level established to curtail surface water withdrawal from the Savannah River in the case of a drought. Instead, a Drought Plan (which is part of the Surface Water Withdrawal Permit) and Drought Task Force has been established with the US Army Corps of Engineers to address river flow and withdrawals. There are four Action Levels that are based on the release from Thurmond Dam. At a pool of 312 ft msl in Thurmond Dam, the minimum flow is 3800 cfs. With the current Georgia drought the measuring station in Waynesboro has not dropped below 4000 cfs.

**Response:** The following information was obtained from the Savannah District Corps of Engineers website at <http://www.sas.usace.army.mil/>.

**Concept of the Savannah River Basin Drought Contingency Plan**

The difficulty in accurately defining the beginning of a drought as it is occurring hampers the ability to make appropriate management responses. It is desirable to have an indicator or triggering mechanism to initiate management action before a crisis occurs. As indicated in the following table, the indicator chosen for the plan is reservoir level. Although it does not account for meteorological factors, as indicators, it has the advantage of simplicity. Using reservoir level for a triggering mechanism is readily understandable by the public and easily implemented requiring no complex computations.

Level	1 APR – 15 OCT	15 DEC – 1 JAN	Action
	(feet msl)	(feet msl)	
1	656 and 326	654 and 324	Reduce Thurmond discharge to 4,200 cfs weekly average
2	654 and 324	652 and 322	Reduce Thurmond discharge to 4,000 cfs.
3	646 and 316	646 and 316	Reduce Thurmond discharge to 3,800 cfs daily average.
4	625 and 312	625 and 312	Daily Average Outflow = Daily Average Inflow

This is a dynamic plan, subject to change as warranted by additional information. Among the items that may be cause for reconsideration are: additional experience with the current drought, further studies of salinity intrusion in Savannah Harbor, changing water supply needs, improvements to water intakes, and the future operational plans of various users.

NL-07-2097  
Enclosure 2  
Requested SNC Documentation

**Southern Nuclear Operating Company**

**NL-07-2119**

**Enclosure 2**

**SNC Documentation**

**Provided in Support of**

**Post Audit Information Request Responses**

**(Submitted Electronically on CD)**

NL-07-2119  
Enclosure 2  
SNC Documentation

**Contact Person**

**Name:** Dale L. Fulton  
**Mailing Address:** Southern Nuclear Operating Company  
Bin B056  
40 Inverness Center Parkway  
Birmingham, AL 35242  
**E-Mail Address:** dlfulton@southernco.com  
**Phone Number:** 205-992-7536

**List of Enclosed Reports/Documents**

The following electronic reports/documents are included on the enclosed CD labeled "Requested SNC Documentation" and contains a total of 19 files as follows:

<b>File No.</b>	<b>File Title</b>	<b>No. of Kilo-Bytes</b>	<b>Publicly Available</b>
001	NonRad Monitoring(2006).pdf	1,123	Yes
002	Rad Eff Report(2003) Final.pdf	9,722	Yes
003	Rad Eff Report(2005) Final.pdf	2,752	Yes
004	Vogtle LF 2 D&O Plan Set Final.pdf	9,566	Yes
005	Vogtle LF 3 D&O Plan Set Final.pdf	13,454	Yes
006	Landfill Methane Reports (2007-2002).pdf	18,237	Yes
007	Landfill 2 & 3 GW 2003(2) Final.pdf	5,070	Yes
008	Landfill 2 & 3 GW 2004(1) Final.pdf	6,145	Yes
009	Landfill 2 & 3 GW 2004(2) Final.pdf	4,105	Yes
010	Landfill 2 & 3 GW 2005(1) Final.pdf	5,605	Yes
011	Landfill 2 & 3 GW 2005(2) Final.pdf	6,571	Yes
012	Landfill 2 & 3 GW 2006(1)Final.pdf	6,703	Yes
013	Landfill 3 GW 2006(2) Final.pdf	3,860	Yes
014	Landfill 2 GW 2006(2) Final.pdf	2,337	Yes
015	Landfill 2 GW 2007(1) Final.pdf	3,565	Yes
016	Landfill 2 GW 2007(2) Final.pdf	3,106	Yes
017	Landfill 3 GW 2007(1) Final.pdf	45,806	Yes
018	Landfill 3 GW 2007(2) Final .pdf	7,263	Yes
019	Landfill 3 GW 2007(Letter) Final.pdf	722	Yes