



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION II
245 PEACHTREE CENTER AVENUE NE, SUITE 1200
ATLANTA, GEORGIA 30303-1257

June 16, 2014

Mr. Thomas D. Gatlin
Vice President Nuclear Ops
South Carolina Electric & Gas Company
Virgil C. Summer Nuclear Station
P.O. Box 88 (Mail Code 800)
Jenkinsville, SC 29065

**SUBJECT: VIRGIL C. SUMMER NUCLEAR STATION UNIT 1 – NOTIFICATION
OF INSPECTION AND REQUEST FOR INFORMATION**

Dear Mr. Gatlin:

From August 4 – 8, 2014, the U.S. Nuclear Regulatory Commission (NRC) will perform an inspection at the Virgil C. Summer Nuclear Station, Unit 1, in accordance with NRC inspection procedure (IP) 60853, "On-Site Fabrication of Components and Construction of an ISFSI." Experience has shown that this inspection is resource-intensive for both the NRC inspectors and your staff. In order to minimize the impact to your onsite resources and to ensure a productive inspection, we have enclosed a request for information. Section A of the Enclosure identifies information to be provided prior to the inspection to ensure adequate sample selection and preparation. Section B of the Enclosure identifies additional information the inspectors will need upon arrival at the site to complete the review of inspection samples. The inspection staff will appreciate if all the documents requested are up-to-date and complete, in order to minimize the number of additional documents requested during the preparation and/or the onsite portions of the inspection.

We have discussed the schedule for this inspection activity with your staff and understand that our regulatory contact for this inspection will be Sara Beth Dalick of your organization. Our inspection dates are subject to change based on your updated schedule of outage activities. If there are any questions about this inspection, or the material requested, please contact the lead inspector, Robert Carrion at 404-997-4522, or Robert.Carrion@nrc.gov.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390, "Public inspections, exemptions, requests for withholding," of the NRC's "Rules of Practice," a copy of this letter, and its Enclosure, will be available electronically for public inspection in the NRC Public Document Room, or from the Publicly Available Records (PARS) component of

T. Gatlin

NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Sincerely,

/RA/

Mark G. Kowal, Acting Chief
Engineering Branch 3
Division of Reactor Safety

Docket Nos. 050-0395 and 072-1038
License No. NPF-12

Enclosure:
Inservice Inspection Document Request

cc: Distribution via Listserv

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ADAMS: Yes ACCESSION NUMBER: ML14167A353 SUNSI REVIEW COMPLETE FORM 665 ATTACHED

OFFICE	RII:DRS/EB3	RII:DRS/EB3					
SIGNATURE	RPC1	MXK7					
NAME	R. Carrion	M. Kowal					
DATE	6/ 16 /2014	6/ 16 /2014					
E-MAIL COPY	YES NO	YES NO					

OFFICIAL RECORD COPY DOCUMENT NAME: S:\DRS\ENG BRANCH 3\INSPECTIONS\WORKING DOCUMENTS\ISFSI REQUEST FOR INFORMATION LETTERS\2014\V C SUMMER ISFSI RFI.DOCX

INDEPENDENT SPENT FUEL STORAGE INSTALLATION INSPECTION DOCUMENT REQUEST

Site: Virgil C. Summer Nuclear Station Unit 1

Docket Nos: 050-0395 and 072-1038

Inspection Dates: August 4 – 8, 2014

Entrance Meeting: August 4, 2014

Inspection Procedure: IP 60853, On-Site Fabrication of Components and Construction of an Independent Spent Fuel Storage Installation (ISFSI)

Inspector: Robert Carrion, Sr. Reactor Inspector

A. Information Requested for the In-Office Preparation Week

Please provide the information requested in this section to the NRC Region II Office in care of the lead inspector by July 18, 2014, in order to facilitate the selection of specific items that will be reviewed during the onsite inspection week. The information can be provided in hard copy or electronic format; however, electronic format is preferred, either by digital data storage device (compact disk, flash drive, etc.), or Web-based document management system.

The inspector will select specific samples from the information provided and then request additional documents needed for the onsite inspection week, as described in Section B of this Enclosure. The specific documents selected for Section B should be available and ready for review on the first day of inspection. If the requested documents are large and only hardcopies are available, please inform the inspector and provide the subject documentation during the first day of the onsite inspection. If there are any questions regarding this information request, please contact the lead inspector as soon as possible.

- Written evaluations which established that the ISFSI pads have been designed to support the stored static load of the storage casks.
- Drawings related to the ISFSI, including subsurface engineered backfill, ISFSI pad, and haul path.
- Specifications related to the ISFSI, including subsurface engineered backfill; earthwork and related site activities; furnishing, placing, and testing of concrete (including aggregate, cement, and admixtures).
- Procedures related to the ISFSI for earthwork, formwork.
- 10 CFR 50.59 Screening/Evaluations for the ISFSI and associated haul path.
- Names and contact information for the ISFSI program leads.

B. Information Requested for the Onsite Inspection Week(s)

Please provide the information requested below in hard copy or electronic (preferred) format to the lead inspector at the entrance meeting, in order to finalize the planning of inspection activities onsite. Prior to the onsite inspection, the inspector will select part of the inspection samples from the information provided in response to section A of this Enclosure, and then request additional information needed to complete the review. There is a possibility that some of the inspection samples, for which direct observation is desired, will not be selected until the inspector arrives onsite and confirms the current schedule of activities for that week.

- Data reports for geotechnical exploration and laboratory testing for ISFSI pads, including boring summary information, cone penetration test (CPT) summary information, laboratory testing summary, plate load test report, compaction test report, grain size distribution report, and Atterberg limits report.
- National Ready Mixed Concrete Association (NRMCA) Certificate of Conformance for Concrete Production Facilities, and trucks to be used for transportation of the concrete.
- Procurement Records for ISFSI-related concrete and rebar.
- Purchase Order for Independent Testing Laboratory.
- Purchase Order, Receipt Inspections, and Chemical and Physical Test reports for rebar.
- Corrective Action Program (CAP) items relating to the ISFSI, including Condition Reports (CRs) and/or Non-Conformance Requests (NCRs), Design Changes/Modifications, audits, and surveillances.
- Personnel training documents for quality control (QC) and quality assurance (QA) personnel and the related certification program.
- Copy or ready access to applicable editions and sections of the codes, and industry standards referenced in the procedures used to perform the ISFSI-related activities.

Inspector Contact Information:

Robert Carrion
Senior Reactor Inspector
Engineering Branch 3
Division of Reactor Safety
404-997-4522

Mailing Address:

US NRC Region II
Attn: Robert Carrion
245 Peachtree Center Avenue NE, Suite 1200
Atlanta, GA 30303