

September 22, 2016

MEMORANDUM TO: Jennifer Dixon-Herrity, Chief
Licensing Branch 4
Division of New Reactor Licensing
Office of New Reactors

FROM: Jordan Hoellman, Project Manager */RA/*
Licensing Branch 4
Division of New Reactor Licensing
Office of New Reactors

SUBJECT: SUMMARY OF AN AUGUST 31, 2016, PUBLIC MEETING WITH
SOUTHERN NUCLEAR OPERATING COMPANY AND FEDERAL
EMERGENCY MANAGEMENT AGENCY ON THE PROPOSED
STEWART COUNTY PROJECT

The U.S. Nuclear Regulatory Commission (NRC) staff held a Category 1 public meeting with Southern Nuclear Operating Company (SNC) and Federal Emergency Management Agency (FEMA) on August 31, 2016. The purpose of the meeting was to discuss the radiological emergency preparedness aspects of the proposed Stewart County Project (SCP).

The meeting notice can be found in the Agencywide Documents Access and Management System (ADAMS) under Accession Number ML16231A384. The meeting notice is also posted on the NRC's public website. Enclosures 1 and 2 are the meeting agenda and attendance list for the meeting, respectively. The other documents referenced during the discussion can be found at the ADAMS Accession Numbers given below:

- Stewart County Project NRC/FEMA Combined License Application (COLA) Planning Meeting Presentation – ML16245A494

CONTACT: Jordan Hoellman, NRO/DNRL
(301) 415-5481

Summary of Meeting:

On August 31, 2016, staff from the NRC conducted a public meeting with representatives from SNC and FEMA to discuss the emergency preparedness aspects of a proposed SCP COLA for a “greenfield” site. SNC walked through the presentation slides, describing that the SCP COLA would preserve the option for new nuclear generation in the future. Georgia Power Company would be the owner and SNC would be the applicant and licensee if a COL is issued.

SNC described their development of a proposed Plume Exposure Pathway (10-mile) and Ingestion Pathway (50-mile) Emergency Planning Zones (EPZ) and an evacuation time estimate (ETE), conforming to the guidance in NUREG/CR-7002, based on an initial site survey. SNC sought NRC and FEMA guidance about the treatment of Federal property that include portions of Fort Benning within the 10-mile EPZ. The staff stated that they would engage with FEMA and identify how this was treated with respect to emergency planning for other nuclear power plants that are located on or adjacent to Department of Defense facilities (e.g., San Onofre Nuclear Generating Station). SNC also stated that final selection of reception centers may be deferred as a license condition, similar to the William States Lee III Nuclear Station (WLS) Units 1 and 2 COLA, and indicated that the proposed EPZs are only preliminary and had not yet been discussed with State and local officials.

With respect to the state and local radiological emergency plans, SNC asked the NRC and FEMA if there is guidance about the level of detail required for these emergency plans and implementing procedures to meet the requirements of Title 44 of the *Code of Federal Regulations* (44 CFR) Part 350 during the COLA phase. NRC and FEMA noted that there is guidance in FEMA document, “Standard Operating Procedure and Guidelines for the New Reactor Combined License Application,” Revision 4.1, dated October 10, 2008. It was also noted that the approval of a 2015 revision to the document is pending and should be released soon. The staff also pointed to the FEMA Interim Finding Report for WLS Units 1 and 2, which is also a “greenfield” site, and noted that it should be publicly available, as it is a part of the record for the COL mandatory hearing scheduled to be held on October 5, 2016.

SNC discussed its proposed alert notification system (ANS), noting that the ANS would meet the requirements of Appendix E to 10 CFR Part 50 and the guidance in the FEMA Radiological Emergency Preparedness Program Manual. SNC asked the NRC and FEMA about the level of detail required in a COLA at the “greenfield” stage for FEMA approval of the ANS Design Report. The staff stated that they would engage with FEMA to determine what level of detail is necessary in a COLA.

In addressing the letters of certification, required in accordance with 10 CFR 52.79(a)(22), and the letters of agreement (LOA) that would support the radiological emergency plans, SNC discussed that they would be proposing a license condition in the COLA, similar to the license condition proposed in the WLS Units 1 and 2 COLA to address the LOAs. The staff noted that they would engage with FEMA to identify the proper approach for a “greenfield” site to address the requirement to have LOAs as part of the COLA, considering WLS Units 1 and 2 as an example.

SNC described their COLA development communication plan and discussed that they would like to have future public meetings addressing the SCP as the COLA development continues. The staff noted that they would be able to support future meetings and stated that a conference call would be scheduled in the future to communicate the staff’s discussions with FEMA and to

provide additional guidance regarding developing radiological emergency preparedness aspects of a COLA for a "greenfield" site.

At the end of the business portion of the meeting, there was an opportunity for the public to provide comments and ask questions. All comments and questions were addressed before ending the meeting.

NRC Project No. 0820

Enclosure:
As stated

cc w/encls: See next page

provide additional guidance regarding developing radiological emergency preparedness aspects of a COLA for a "greenfield" site.

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NRC Project No. 0820

Enclosure:
As stated

cc w/encls: See next page

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NRO-001

OFFICE	PM: DNRL/LB4	LA: DNRL/LB4	BC: DNRL/LB4	PM: DNRL/LB4
NAME	JHoellman (c)	RButler (c)	JDixon-Herrity (c)	JHoellman (s)
DATE	09/22/16	9/21/16	09/22/16	09/22/16

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**AGENDA FOR PUBLIC MEETING
U.S. NUCLEAR REGULATORY COMMISSION (NRC)
Wednesday, August 31, 2016
1:00 p.m. – 3:00 p.m.**

PURPOSE: For Southern Nuclear Operating Company (SNC) to discuss the radiological emergency preparedness aspects of the proposed Stewart County Project (SCP) with the U.S. Nuclear Regulatory Commission (NRC) and Federal Emergency Management Agency (FEMA)

OPEN

<u>Time</u>	<u>Topic</u>	<u>Led By</u>
1:00 p.m.	Opening Remarks	NRC
1:05 p.m.	Discussion of the radiological emergency preparedness aspects of the proposed Stewart County Project	NRC/SNC/FEMA
2:45 p.m.	Opportunity for Public Comment	PUBLIC/NRC
3:00 p.m.	Adjourn	

Enclosure 1

PUBLIC MEETING
UNITED STATES NUCLEAR REGULATORY COMMISSION
Wednesday, August 31, 2016
1:00 p.m. – 3:00 p.m.

List of Attendees

Name	Organization
Representing the Nuclear Regulatory Commission	
Jordan Hoellman	NRO/DNRL/LB4
Chandu Patel	NRO/DNRL/LB4
Dan Barss	NSIR/DPR/RLB
Joseph Anderson	NSIR/DPR/RLB
Richard Kinard	NSIR/DPR/RLB
Representing Southern Nuclear Operating Company	
Howard Mahan	Southern Nuclear Operating Company (SNC)
Thomas Hicks	SNC/Excel Services
Ted Amundson	SNC/EC2
Scott Odom	SNC/EC2
Jeremiah Haswell *	SNC
Representing Federal Emergency Management Agency	
Jesse King *	Federal Emergency Management Agency (FEMA)
Lisa Hamilton *	FEMA
Representing Public	
Sara Barczak	Southern Alliance for Clean Energy
Robert Baker *	Public
Jeff Morrison *	Public
Rob Trokey *	GA Public Service Commission
Barry Atkins *	Alabama Emergency Management Agency

* = participated via teleconference

Stewart County Project Mailing List

(Revised 09/19/2016)

cc:

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Stewart Project Mailing List

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