

June 15, 2007

MEMORANDUM TO: William Burton, Chief
Environmental Projects Branch A
Division of Site and Environmental Reviews
Office of New Reactors

H. Brent Clayton, Chief
Environmental Technical Support Branch
Division of Site and Environmental Reviews
Office of New Reactors

FROM: Andrew J. Kugler, Senior Project Manager */RA/*
Environmental Projects Branch B
Division of Site and Environmental Reviews
Office of New Reactors

SUBJECT: TRIP REPORT - APRIL 16 - 17, 2007, PRE-APPLICATION VISIT FOR
A COMBINED LICENSE APPLICATION AT THE V.C. SUMMER SITE

This report summarizes the staff's April 16 - 17, 2007, pre-application visit related to the environmental portion of a future combined license (COL) application for the V.C. Summer site. South Carolina Electric and Gas (SCE&G) has indicated its intent to submit a COL application for this site late in 2007.

The purpose of this visit was to allow the staff to begin gathering information regarding the applicant's plans for the COL application and to become familiar with the site. The visit took place at the site in Fairfield County, South Carolina. Enclosure 1 provides a list of attendees. Enclosure 2 is the agenda used during the visit. Enclosure 3 is a summary of the more significant issues that were discussed.

The next pre-application activity will be a document assessment visit. The staff and the applicant plan to perform this visit during the pre-application week of June 4, 2007.

Project No.: 743

Enclosures:
As stated

June 15, 2007

MEMORANDUM TO: William Burton, Chief
Environmental Projects Branch A
Division of Site and Environmental Reviews
Office of New Reactors

H. Brent Clayton, Chief
Environmental Technical Support Branch
Division of Site and Environmental Reviews
Office of New Reactors

FROM: Andrew J. Kugler, Senior Project Manager */RA/*
Environmental Projects Branch B
Division of Site and Environmental Reviews
Office of New Reactors

SUBJECT: TRIP REPORT - APRIL 16 - 17, 2007, PRE-APPLICATION VISIT FOR
A COMBINED LICENSE APPLICATION AT THE V.C. SUMMER SITE

This report summarizes the staff's April 16 - 17, 2007, pre-application visit related to the environmental portion of a future combined license (COL) application for the V.C. Summer site. South Carolina Electric and Gas (SCE&G) has indicated its intent to submit a COL application for this site late in 2007.

The purpose of this visit was to allow the staff to begin gathering information regarding the applicant's plans for the COL application and to become familiar with the site. The visit took place at the site in Fairfield County, South Carolina. Enclosure 1 provides a list of attendees. Enclosure 2 is the agenda used during the visit. Enclosure 3 is a summary of the more significant issues that were discussed.

The next pre-application activity will be a document assessment visit. The staff and the applicant plan to perform this visit during the pre-application week of June 4, 2007.

Project No.: 743

Enclosures:
As stated

DISTRIBUTION:

Non-Public	RAP2 R/F	BClayton	WBurton
SCoffin	MWillingham	LBurkhart	MThaggard
RKrieg, PNNL	EHickey, PNNL		

ADAMS ACCESSION NUMBER: ML071700158

OFFICE	RAP2/PM	RAP1/BC
NAME	AKugler: SRM	WBurton
DATE	06/15/07	06/15/07

OFFICIAL RECORD COPY

V.C. Summer Combined License
Pre-Application Visit on April 16 - 17, 2007

List of Attendees

NAME	AFFILIATION
Andrew Kugler	U.S. Nuclear Regulatory Commission (NRC)
Kenneth See	NRC
Brad Harvey	NRC
Thomas Galletta	NRC
Paul Kallan	NRC
Robert Schaaf	NRC
Tamsen Dozier	NRC
Mark Notich	NRC
Alan Bjornsen	NRC
Larry Burkhart	NRC
Michael Willingham	NRC
Tara O'Neil	Pacific Northwest National Laboratory (PNNL)
Gene Whelan	PNNL
Charles Kincaid	PNNL
Van Ramsdell	PNNL
Becky Krieg	PNNL
Dave Anderson	PNNL
Ellen Kennedy	PNNL
Bob Bryce	PNNL
Amoret Bunn	PNNL
Eva Eckert Hickey	PNNL
Amy Monroe	South Carolina Electric & Gas (SCE&G)
Mike Roberts	SCE&G
Steven Fipps	SCE&G

V.C. Summer Combined License
Pre-Application Visit on April 16 - 17, 2007

List of Attendees

Kennie M°Kenzie	SCE&G
Ron Clary	SCE&G
Bob Whorton	SCE&G
Jamie LaBorde	SCE&G
Julie Giles	SCE&G
April Rice	SCE&G
Al Paglia	SCE&G
Tim Schmidt	SCE&G
Jim Lucchese	SCE&G
Duke Bell	SCE&G
Mike Simpson	SCE&G
Jerry Harrison	SCE&G
Danny Quattlebaum	SCE&G
Stephen Summer	Scana Services (SCE&G)
Robert Yanity	Scana Services (SCE&G)
Ken Browne	Santee Cooper
Neil Haggerty	NuStart
Mike Whitten	TetraTech NUS
Lisa Matis	TetraTech NUS
Joseph Lucas	Tetra Tech NUS
Steve Connor	Tetra Tech NUS
Philip Moore	Tetra Tech NUS
Kyle Turner	McCallum-Turner
Mark Reimnitz	Bechtel
Angelos Findikakis	Bechtel

V.C. Summer Combined License
Pre-Application Visit on April 16 - 17, 2007

List of Attendees

Richard Louie	Bechtel
Doug Martin	Bechtel
Puip Wan	Bechtel
Paul Snead	Progress Energy
Tom Moorer	Southern Nuclear
Dale Fulton	Southern Nuclear
Natalie Adams	New South
Ted Bowling	Duke

Agenda
V.C. Summer NRC Environmental Staff Site Visit
Location: V.C. Summer Site, Fairfield County, SC
April 16 - 17, 2007

Monday, April 16, 2007

0800 Meet at V.C. Summer in Jenkinsville, SC. at old nuclear training center.

- Welcome
- Opening Remarks
- Introductions
- Orientation to V.C. Summer Site, Health and Safety

0900 General Tour of Site including

- Monticello reservoir – intake location
- Existing discharge structure
- Fairfield Pumped Storage Facility
- Proposed locations of Units 2 and 3
- Meteorological tower – Unit 1
- Meteorological tower – Units 2 and 3
- Carolina-Virginia Tube Reactor decommissioning site
- Proposed discharge location at Parr Reservoir
- Parr Shoal Dam

1200 Lunch

1300 Presentations

- Site Selection Process
- Overview of Environmental Report
- Status of Environmental Monitoring
- State and Local Regulators and Permitting

1700 Adjourn

Tuesday, April 17, 2007

0800 Meet at V.C. Summer in Jenkinsville, SC

- Questions from Yesterday
- General Discussion

0830 Specialized Tours and Discussion

- Meteorological Tower/Air Quality
- Terrestrial Ecology – Mayo Creek, wetlands, walked along railroad tracks to Parr Reservoir

- Aquatic Ecology – Mayo Creek, wetlands, discharge location at Parr Reservoir
- Hydrology – railroad bed from proposed site to Parr Reservoir for likely alignment of discharge line; nearby wetlands; proposed discharge location at Parr Reservoir
- Cultural – Historic cemetery; homestead, Daughters of the American Revolution marker on site.

1130 General Discussion and Concluding Remarks (selected discussions might continue beyond the regularly scheduled time).

1200 Adjourn

**Additional Information Summarizing the
V.C. Summer NRC Environmental Staff Site Visit
Location: V.C. Summer Site, Fairfield County, SC
April 16 - 17, 2007**

The areas around the site that were visited by the staff are listed in the Agenda (Attachment 2). In addition, the staff made initial contacts with the following individuals/organizations:

- Ron Stowers, Director, Fairfield County Planning, Building, and Zoning Department
- Tiffany Harrison, Director, Fairfield County Economic Development
- Terry Vickers, President, Fairfield County Chamber of Commerce
- Dr. Clarence Willie, Superintendent, School District of Fairfield County
- Colonel Blair Turner, Operations Manager, School District of Fairfield County
- Steve Hampton, Area Director, SC Employment Security Commission, Winnsboro
- David Ferguson, Chairman, Fairfield County Council
- Tom Barber, EMS Director, Newberry County Emergency Services
- Louis Lee, EMS Coordinator, Newberry County Emergency Services
- Wayne Yates, Chief of Police/Fire, Winnsboro Department of Public Safety
- Don Wood, Town Manager, Town of Winnsboro
- Bill Medlin, Electrical Utilities Director, Town of Winnsboro
- Phyllis Watkins, Acting EMS Director, Fairfield County
- Neil Ellis, EMS Manager, Richland County
- Sharon Pekrul, University of South Carolina's Institute of Archaeology and Anthropology

As a result of the visit, the staff has identified the following issues or concerns:

1. In conjunction with the licensing of any new plant at Summer, the existing license/permit issued by the Federal Energy Regulatory Commission (FERC) for Parr Shoals Dam will have to be modified. The timing of this review and the potential for any associated changes (e.g., potential for fish passage facilities, addition of new operational conditions) is unclear.
2. The locations for transmission corridors (2) for the new units have not been determined. The lengths of the corridors could be as much as 130 miles.

Based on its review of information during this visit, the staff believes that the main area of difficulty the applicant is currently facing is the impacts of the transmission line corridors. Otherwise, the staff believes that the applicant should be able to meet the schedule it provided. The current schedule is for submittal of the environmental report in the September time frame and submittal of the application towards the end of 2007.