



Ronald B. Clary
Vice President
New Nuclear Deployment

October 27, 2010
NND-10-0384

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

ATTN: Document Control Desk

Subject: Virgil C. Summer Nuclear Station (VCSNS) Units 2 and 3
Combined License Application (COLA) - Docket Numbers 52-027
and 52-028 - Voluntary Submittal for the Environmental Report to
Update Figure 3.1-3 and Tables 1.2-1 through 1.2-4

Reference: 1. Letter from Ronald B. Clary to Document Control Desk,
Submittal of Revision 2 to Part 3 (Environmental Report) of the
Combined License Application for the V. C. Summer Nuclear
Station Units 2 and 3, dated July 2, 2010.

By letter dated March 27, 2008, South Carolina Electric & Gas Company (SCE&G) submitted a combined license application (COLA) for V.C. Summer Nuclear Station (VCSNS) Units 2 and 3, to be located at the existing VCSNS site in Fairfield County, South Carolina. Subsequently the Environmental Report (ER), Part 3 of the application, was revised and submitted to the NRC (reference 1).

The enclosure to this letter provides an update to ER Figure 3.1-3, Site Plan, to reflect a change to the location of the proposed Independent Spent Fuel Storage Installation from the VCSNS Units 2 and 3 site to the Unit 1 site near Monticello Reservoir. In addition Tables 1.2-1 through 1.2-4, associated with authorizations required for Units 2 and 3, have been updated to reflect the current status of license and permit approvals.

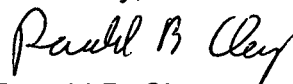
Please address any questions to Mr. Alfred M. Paglia, Manager, Nuclear Licensing, New Nuclear Deployment, P. O. Box 88, Jenkinsville, S.C. 29065; by telephone at 803-345-4191; or by email at apaglia@scana.com.

DO 83
NRD

I declare under penalty of perjury that the foregoing is true and correct.

Executed on this 27th day of October, 2010.

Sincerely,



Ronald B. Clary
Vice President
New Nuclear Deployment

ARR/RBC/ar

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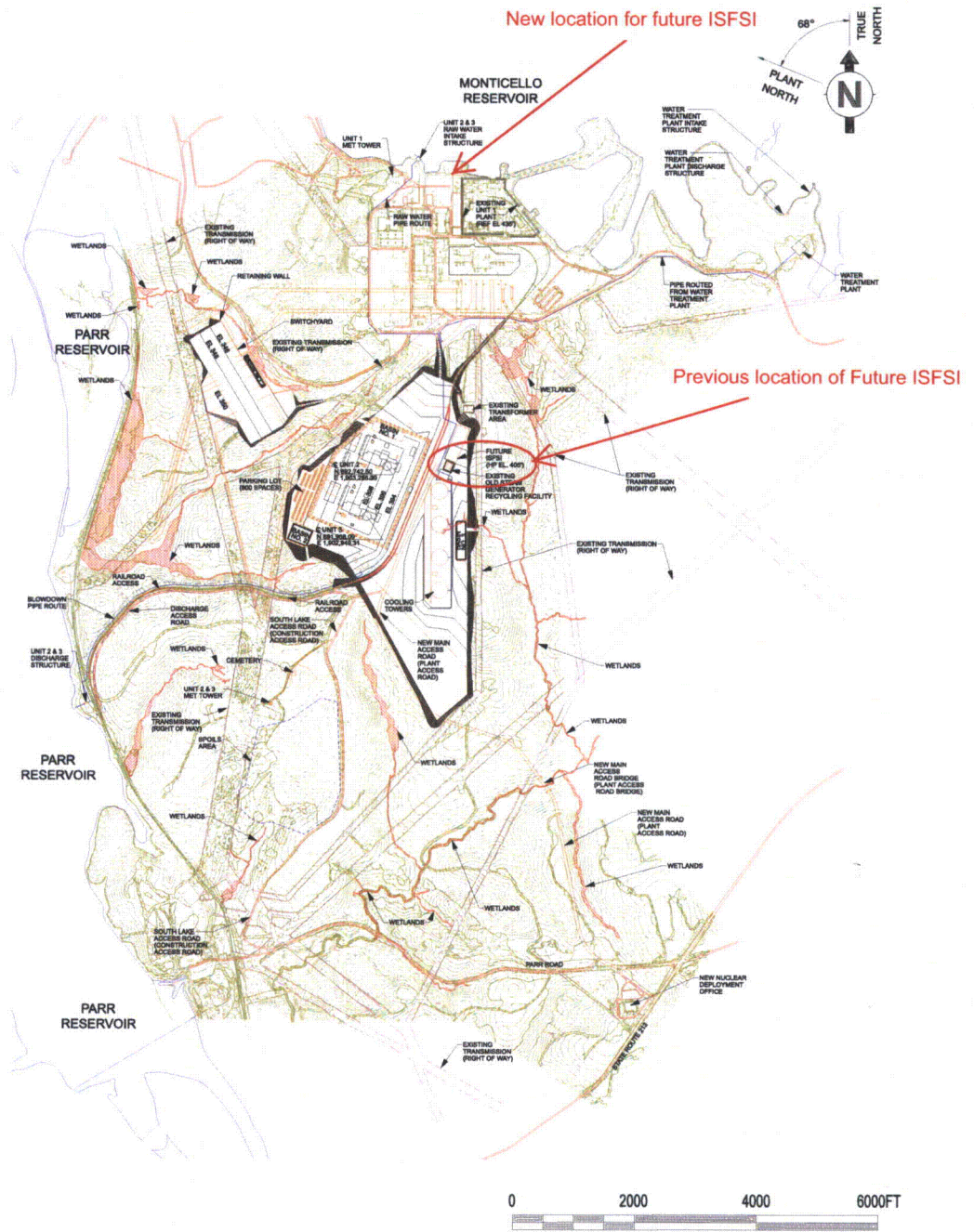


Figure 3.1-3. Site Plan

**Table 1.2-1
Authorizations Required for Combined Operating License Issuance**

Agency	Authority	Requirement	License/ Permit No.	Expiration Date	Activity Covered
USFWS	Endangered Species Act	Consultation regarding potential to adversely impact protected species (non-marine species)	(a)		Concurrence with no adverse impact or consultation on appropriate mitigation measures
SCDNR	Endangered Species Act	Consultation regarding potential to adversely impact protected species (non-marine species)	(a)		Concurrence with no adverse impact or consultation on appropriate mitigation measures
NMFS	Endangered Species Act	Consultation regarding potential to adversely impact protected species (marine species)	(a)		Concurrence with no adverse impact or consultation on appropriate mitigation measures
South Carolina Department of Archives and History	National Historic Preservation Act (36 CFR Part 800)	Consultation regarding potential to adversely affect historic resources	(a)		Confirm site construction or operation would not affect protected historic resources
SCDHEC	CWA (33 U.S.C. 1251 et seq.), SC R.61-101 Water Quality Certification	Section 401 Certification	(a)		Compliance with water quality standards
DOE	Nuclear Waste Policy Act (42 U.S.C. 10101 et seq.) and 10 CFR Part 961	Spent fuel contract	Unit 2 – DE-CR01-09RW09014 Unit 3 – DE-CR01-09RW09015	N/A	Contract for DOE disposal services for spent nuclear fuel

(a) No permits have been issued.
SCDNR – South Carolina Department of Natural Resources
DOE – Department of Energy

Table 1.2-2 (Sheet 1 of 2)
Authorizations Required for Preconstruction Activities

Agency	Authority	Requirement	License/ Permit No.	Expiration Date	Activity Covered
USACE	CWA (33 U.S.C. 1251 et seq.)	Section 404 Permit	(a)		Disturbance or crossing wetland areas or navigable waters
USDOT	49 FR 107, Subpart G	Certificate of Registration	(a)		Transportation of hazardous materials
USFWS	Migratory Bird Treaty Act, 50 CFR Part 21	Federal Depredation permit	MB040209-0	March 31, 2010	Adverse impacts on protected species and/or their nests
FAA	49 U.S.C. 1501	Construction Notice	(a)		Notice of erection of structures (>200 feet high) potentially affecting air navigation
FERC	14 CFR Part 77 Federal Power Act (16 U.S.C. 791a-825r) 18 CFR 4.200	License/order revision	Project 1894	June 30, 2020	Use of Monticello Reservoir as water source for Units 2 and 3 and discharge of blowdown to Parr Reservoir
PSC	SC Utility Facility Siting and Environmental Protection Act, SC Code of Laws Title 58, Ch. 33	Certificate of Environmental Compatibility and Public Convenience and Necessity		Approved March 2, 2009	Present and future public convenience and necessity require the operation of such equipment or facility
SCDNR	Nongame and Endangered Species and Conservation Act (SC Code of Laws, Title 50, Ch. 15), SC R.123-50	State Depredation permit	MD-15-10	December 31, 2010	Adverse impacts on protected species and/or their nests
SCDHEC	Federal Clean Air Act (CAA), SC Pollution Control Act (SC Code of Laws, Title 48, Ch. 1), SC Air Pollution Control Regulations and Standards (SC R. 61-62)	Bureau of Air Quality Construction Permit	1000-0036-CA	August 24, 2011	Construction air emission sources (e.g., concrete batch plant, portable generators)
SCDHEC	Federal Clean Air Act Amendments Title V, SC Pollution Control Act (SC Code of Laws, Title 48, Ch. 1), SC R. 61-62.70 "Title V Operating Permit Program"	Revision of existing conditional major operating permit	CM-1000-0012	March 31, 2010	Operation of air emission sources <i>(DHEC processing renewal)</i>
SCDHEC	CWA (33 U.S.C. 1251 et seq.), SC Pollution Control Act (SC Code of Laws, Title 48, Ch. 1), SC R.61-9 "Water Pollution Control Permits"	Revision of existing National Pollutant Discharge Elimination System (NPDES) permit	SC0030856	July 31, 2012	Regulates limits of pollutants in liquid discharge to surface water
SCDHEC	CWA (33 U.S.C. 1251 et seq.), SC Pollution Control Act (SC Code of Laws, Title 48, Ch. 1), SC R.61-9	Authorization to discharge under the general NPDES permit for storm water discharges associated with construction activity	SCR100000	August 31, 2011	Discharge of storm water associated with large construction activities (>5 acres)

**Table 1.2-2 (Sheet 2 of 2)
Authorizations Required for Preconstruction Activities**

Agency	Authority	Requirement	License/ Permit No.	Expiration Date	Activity Covered
SCDHEC	CWA (33 U.S.C. 1251 et seq.), SC Pollution Control Act (SC Code of Laws, Title 48, Ch. 1), SC R.61-9	Storm Water Pollution Prevention Plan (SWPPP)	SCR100000	August 31, 2011	Discharge of storm water associated with large construction activities (>5 acres)
SCDHEC	SC Safe Drinking Water Act (SC Code of Laws, Title 44, Ch. 55), SC R.61-58	Permit to construct/operate a public water system	27383-WS	June 1, 2013	Construct and operate a public, non-transient, noncommunity water system
SCDHEC	Clean Water Act (33 U.S.C. 1251 et seq.), SC Pollution Control Act (SC Code of Laws, Title 48, Ch. 1), SC R.61-67	Wastewater facility construction permit	19311-JW	September 10, 2012	Construction of wastewater transportation and treatment facilities
SCDHEC	SC R.61-71	Certification of monitoring well approval and/or abandonment	2624	N/A	Abandonment (fill, plug, and seal) of test wells
SCDOT	SC R.63-370 "Private Driveway entrances to Highways"	Permit for encroachment on state highway right-of-way	61919	September 11, 2009	Construction of access road within the right-of-way of public roadways; improvements to Parr Road
Fairfield County	Local ordinance	Construction permit	12862, 12861, 12703, 12704, 12773	N/A	Construction of facilities

(a) No permits have been issued.

CAA - Clean Air Act
 CWA - Clean Water Act
 FAA - Federal Aviation Administration
 FERC - Federal Energy Regulatory Commission
 PSC - Public Service Commission
 SCDOT - South Carolina Department of Transportation
 USACE - U.S. Army Corps of Engineers

**Table 1.2-3
Authorizations Required for Construction Activities^(a)**

Agency	Authority	Requirement	License/ Permit No.	Expiration Date	Activity Covered
NRC	10 CFR Part 52, Subpart C	COL	(b)		Safety-related construction for a nuclear power facility.
NRC	10 CFR 50.10(d)(1)	LWA	(b)		Safety-related construction activities (driving of piles, subsurface preparation, placement of backfill, concrete, or permanent retaining walls within an excavation, installation of the foundation, including placement of concrete). The LWA is at the applicant's discretion.
FAA	49 U.S.C. 1501 14 CFR Part 77	Construction Notice	(b)		Notice of erection of structures (>200 feet high) potentially impacting air navigation.
USACE	CWA	Section 404 Permit	(b)		Disturbance or crossing wetland areas or navigable waters associated with transmission line corridors.
USFWS	Migratory Bird Treaty Act, 50 CFR Part 21	Federal Depredation Permit	MB040209-0	March 31, 2010 ²⁰¹¹	Adverse impacts on protected species and/or their nests associated with transmission line corridors.
SCDNR	Nongame and Endangered Species and Conservation Act, (SC Code of Laws, Title 50, Ch. 15), SC R.123-50	Depredation permit	MB-08-01 ^{MB-15-10}	December 31, 2008 ²⁰¹⁰	Adverse impacts on state-designated protected species and/or their habitat associated with transmission line corridors.
SCDHEC	CAA, SC Pollution Control Act (SC Code of Laws, Title 48, Ch. 1), SC Air Pollution Control Regulations and Standards (SC R. 61-62)	Bureau of Air Quality Construction Permit	(b)		Construction air emission sources.
SCDHEC	CWA (33 U.S.C. 1251 et seq.), SC Pollution Control Act (SC Code of Laws, Title 48, Ch. 1), SC R.61-9	Authorization to discharge under the general NPDES permit for storm water discharges associated with construction activity	SCR100000	August 31, 2011	Discharge storm water from linear construction sites (e.g., transmission lines) during construction.
Fairfield County	Local ordinance	Construction permit	(a)		Construction of facilities.
Various county offices responsible for land disturbing activities	Bamberg, Calhoun, Charleston, Chester, Colleton, Dorchester, Fairfield, Hampton, Lancaster, Lexington, Orangeburg, and Richland County ordinances	Land-Disturbing Activity Permit	(b)		Land-disturbing activities within county boundaries for transmission line corridors.
SCDOT	23 CFR 1.23	Permit	(b)		Utility right-of-way easement.

(a) Assumes that SCE&G obtained the authorizations that Table 1.2-2 identifies.

(b) No permits have been issued.

**Table 1.2-4
Authorizations Required for Operation^(a)**

Agency	Authority	Requirement	License/ Permit No.	Expiration Date	Activity Covered
NRC	10 CFR Part 70, <i>30, 40</i>	Special nuclear materials license	(b)		Possession of fuel <i>by product, source or special nuclear materials.</i>
SCDHEC	CWA (33 U.S.C. 1251 et seq.), SC Pollution Control Act (SC Laws 1976, Title 48, Ch. 1), SC R.61-9 "Water Pollution Control Permits"	Revision of existing NPDES permit	SC0030856	July 31, 2012	Regulates limits of pollutants in liquid discharge to surface water.
SCDHEC	<i>Federal Clean Air Act (CAA)</i> CWA (33 U.S.C. 1251 et seq.), SC Pollution Control Act (SC Laws 1976, Title 48, Ch. 1), SC R.61-62.70 "Title V Operating Permit Program"	Revision of existing Conditional Major Operating Permit	CM-1000-0012	March 31, 2010	Operation of air emission sources. <i>(DHEC processing renewal)</i>
SCDHEC	South Carolina Surface Water Withdrawal and Reporting Act (SC Code of Laws, Title 49, Ch. 4)	Registration and reporting of surface water withdrawal	(b)		Withdrawal of water from the Monticello Reservoir for cooling makeup and in-plant use.
SCDHEC	CWA (33 U.S.C. 1251 et seq.), SC Pollution Control Act (SC Laws 1976, Title 48, Ch. 1), SC R.61-9	Authorization to discharge under the general NPDES permit for storm water discharges associated with industrial activity	(b)		General permit to discharge storm water from site during operations.
SCDHEC	Atomic Energy and Radiation Control Act (SC Code of Laws, Title 13, Ch. 7), SC R.61-63	Radioactive materials license	(b)		Receipt and use of radioactive materials.
SCDHEC	South Carolina Radioactive Waste Transportation and Disposal Act (Act No. 429 of 1980), SC R. 61-83 "Transportation of Radioactive Waste Into or Within South Carolina"	Revision of existing South Carolina Radioactive Waste Transport Permit	0163-39-07	December 31 of each year (renewable)	Transportation of radioactive waste within the state of South Carolina.
TDEC	TDEC Division of Radiological Health Rule 1200-2-10.32 "Licensing of Shippers of Radioactive material into or within Tennessee"	Revision of existing Tennessee Radioactive Waste License-for-Delivery	T-SC001-L07	December 31 of each year (renewable)	Transportation of radioactive waste into the state of Tennessee.

(a) Assumes that SCE&G obtained the authorizations that Tables 1.2-2 and 1.2-3 identify.

(b) No permits have been issued.

TDEC – Tennessee Department of Environment and Conservation