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VCSNS Unit 2 and 3 COL Environmental Surveys Status as of October 1, 2008

Survey Type	Description'	References	Performed By	Completed	Planned	Notes
Aquatic	Fish in the	ESRP 2.4.2	Normandeau	Fall 2006,	January/February	References
Ecology	Monticello and	ER 2.4.2.1.1	Associates	Spring2007,	2009 (Winter)	refer to 2006 &
	Parr Reservoirs	and 2.4.2.1.2		Summer 2008		2007 sampling
				sampling events		events
Aquatic	Fish in the	ESRP 2.4.2	SCANA Services	2007-2008	Not Applicable	Additional
Ecology	Monticello and					transect in Parr
	Parr Reservoirs					Reservoir
Aquatic	Fish and	ESRP 2.4.2	TtNUS	July 2006	Winter 2008/2009	1) No mussels
Ecology	freshwater mussels	ER 2.4.2.2		(Summer),	and Spring 2009	or clams were
이 아이는 이 가운 것이다. 이 아이는 이 아이는 아이들	in Mayo Creek	(TtNUS		November 2006		observed in
가 가 가 가 가 가 있다. 		2007)		(Autumn), and		Mayo Creek.
				April 2007		2) Not all
						locations were
						sampled during
						all periods.
Aquatic	Benthic 44	ESRP 2.4.2	SCANA	June and	Winter 2008/2009 -	June report
Ecology	Macroinvertebrates		Services/Carnegey	September 2008	Spring 2009	submitted to
	in the Monticello		Biological	events		NRC.
	and Parr		Services		Impacted and	
	Reservoirs				control locations	
Aquatic	Macroinvertebrates	ESRP 2.4.2	Carnegey	July 2008 and Fall	Fall 2008, Winter	July report
Ecology	in Mayo Creek		Biological	2008 events	2008/2009, Spring	submitted to
15 17			Services/SCANA		2009	NRC
			Services			

Page 1 of 7

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Survey Type	Description	References	Performed By	Completed	Planned	Notes
Aquatic	Ichthyoplankton	ESRP 2.4.2	Normandeau	September 2008	October 2008	Report
Ecology	(fish eggs, larvae)		Associates	sampling event	through August	expected in fall
	in Monticello				2009 to be sampled	2009 –
	Reservoir directly				once or twice a	quarterly status
	in front of the				month depending	reports will be
	Summer Station				upon the season.	provided
	Cooling Water					
	Intake Structure		n Maria - Santa - Santa 1995 - Santa - S 1995 - Santa - S			
Aquatic	Submerged aquatic	ESRP 2.4.2	SCANA Services	October 30, 2008	Fall 2008 survey	
Ecology	vegetation survey			(Parr Reservoir)	(Monticello	
	of Parr and				Reservoir)	
	Monticello					
	Reservoirs					
Aquatic	Fish and macro-	ER 2.4.2.1.1	SCDNR	Between October	Not Applicable	Broad River
Ecology	invertebrate	(Bettingler,		2000 and		Comprehensive
	(mussels) in the	Crane, and		September 2002		Entrainment
	Broad River at ten	Bulak 2003)		(Mussels were		Mitigation and
	(10) sampling			surveyed during		Fisheries
	locations from			Summer 2002)		Resource
	Gaston Shoals (in					Enhancement
	Cherokee County,					Program
	near the North					
	Carolina state line)					
	to Bookman Island					المجاركة بعارك المحمد المح المحمد المحمد المحمد المحمد المحمد
Aquatic	Hydraulic zone of	ER 5.3.1.1	Geosyntec	April 2005	Not Applicable	
Ecology	influence study for	(Geosyntec	Consultants			
	cooling water	2005)				
	intake for VCSNS					
	Unit 1					

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Survey Type	Description	References	Performed By	Completed	Planned	Notes
Aquatic	Impingement	ER 5.3.1.2	Geosyntec	July 2005 – June	Not Applicable	
Ecology	mortality study for	(Geosyntec	Consultants	2006		
	cooling water	2006)			المحمول المحمو المحمول المحمول	
	intake for VCSNS					
	Unit 1					

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Page 3 of 7

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Survey Type	Description	References	Performed By	Completed	Planned	Notes
Aquatic	Fish (Largemouth	ER 2.4.2.1.1	SCDNR	1992-1993	Not Applicable	Management
Ecology	Bass) in Parr	(Hayes 1999)				Plan Parr
	Reservoir					Shoals
						Reservoir
	<ul> <li>A start for a start start</li> <li>A start start start start start</li> </ul>					Freshwater
						Fisheries
						District III
Aquatic	Fish in Monticello	ER 2.4.2.1.2	SCDNR	Winter 1987	Not Applicable	Fisheries
Ecology	Reservoir	(Nash,		through Spring		Investigations
		Christie,		1990		in Lakes and
		Stroud 1990)				Streams
					9 	District IV
Aquatic	Fish in Monticello	ER 2.4.2.1.2	SCDNR	July 1995 through	Not Applicable	Fisheries
Ecology	Reservoir	(Christie,		June 1996		Investigations
	1	Stroud 1996)				in Lakes and
		1 mar 1 m				Streams
						District IV
Aquatic	Fish in Monticello	ER 2.4.2.1.2	SCDNR	July 1996 through	Not Applicable	Fisheries
Ecology	Reservoir	(Christie,		June 1997		Investigations
가 있는 것 같은 것이 있다. 19월 24일 - 19일 - 19일 - 19일 19일 - 19일	1. 「「「「「」」」、「「」」、「「」」、「」、「」、「」、「」、「」、「」、「」、	Stroud 1997)				in Lakes and
가 있는 것 같은 것이다. 1911년 - 1911년 - 1911년 - 1911년 1911년 - 1911년 - 1911년 1911년 - 1911년 -						Streams
n standard frankriger National Statement						District IV
Aquatic	Fish in Monticello	ER 2.4.2.1.2	SCDNR	July 1997 through	Not Applicable	Fisheries
Ecology	Reservoir	(Christie,		June 1998		Investigations
		Stroud 1998)				in Lakes and
						Streams
				n an		District IV

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Survey Type	Description	References	Performed By	Completed	Planned	Notes
Aquatic	Fish in Monticello	ER 2.4.2.1.2	SCDNR	July 1998 through	Not Applicable	Fisheries
Ecology	Reservoir	(Christie,		June 1999		Investigations
		Stroud 1999)				in Lakes and
in the second						Streams
2 2 3 1 						District IV
Aquatic	Mussel	ESRP 2.4.2	SCDNR,	None	Study on-going	Progress report
Ecology	recolonization in		J. Price and J.		through 2008	(2007)
	Broad River -		Bulak			available
	study related to					
	fish passage					
	structure at					
	Columbia Canal					
Aquatic and	Aquatic and	ER 2.4.1.1		January 1983	Not Applicable	Environmenta
Terrestrial	terrestrial biota in	and 2.4.2.1	5-11 	through December	$\sum_{k=1}^{k}\sum_{j=1}^{$	Monitoring
Ecology	Monticello and	(Dames &		1984		Report Januar
	Parr Reservoirs,	Moore 1985)				1983-
	and Broad River				•	December
						1984 for
					- A - A - A - A - A - A - A - A - A - A	VCSNS for
						SCDHEC and
					· ·	NRC
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Page 5 of 7



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Survey Type	Description	References	Performed By.	Completed	Planned	Notes
Terrestrial	Threatened and	ESRP 2.4.1	Dr. John B.	June 2006	Not Applicable	Additional
Ecology	endangered plant	ER 2.4.1	Nelson	(Summer),		areas were
	species within the	(Nelson		September 2006		surveyed
	area designated for	2006)		(Autumn), and		during October
	the new nuclear	25242-103-		October 2007 -		2007. This
	facility	V24-HY00-		Additional areas		report was not
		00021-001		(Autumn)		available in
		(See Notes)				time for ER
						submittal.
						Contains
						descriptions of
						plant
						communities
						located in the
						survey areas.
Terrestrial	Threatened and	Threatened	SCE&G	May, June, July,	Not Applicable	Contains
Ecology	endangered plant	and		August 2002		descriptions of
	and animal species.	Endangered				plant
	within the area of	Species Field				communities
	the V. C. Summer	Survey V. C.				located in the
	Nuclear Station	Summer				survey areas.
	and associated	Nuclear				
	transmission	Station,				
	corridors (For Unit	November				
	1 license renewal	2002				
	application)	(SCE&G				
		2002b)				
Terrestrial	Small mammal	ESRP 2.4.1	Tetra Tech NUS	October 31, 2008	March/April 2009	Expanded to
Ecology	survey					include spring
						survey

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2 Page 7 of 7

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