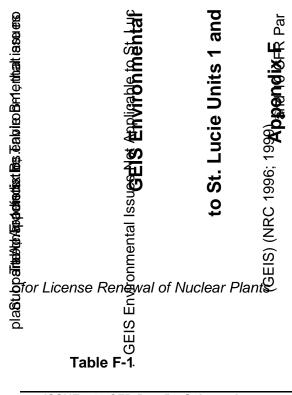
## Appendix F

## GEIS Environmental Issues Not Applicable to St. Lucie Units 1 and 2



ISSUE—10 CFR Part 51, Subpart A,		GEIS				
Appendix B, Table B-1	Category	Sections	Comment			
SURFACE WATER QUALITY, HYDROLOGY, AND USE (FOR ALL PLANTS)						
Altered thermal stratification of lakes	1	4.2.1.2.3	St. Lucie Units 1 and 2 do not discharge to a			
		4.4.2.2	lake.			
Altered salinity gradients	1	4.2.1.2.2	St Lucie Units 1 and 2 discharge to the ocean.			
		4.4.2.2				
Eutrophication	1	4.2.1.2.3	St Lucie Units 1 and 2 discharge to a large			
		4.4.2.2	oceanic water body.			
Water-use conflicts (plants with cooling	2	4.3.2.1	The St. Lucie Units 1 and 2 cooling system			
ponds or cooling towers using makeup water		4.4.2.1	does not use makeup water from a small river			
from a small river with low flow)			with low flow.			
AQUATIC ECOLOGY (FOR ALL PLANTS)						
Premature emergence of aquatic insects	1	4.2.2.1	Aquatic insects only present in freshwater			
		4.4.3	environments.			
AQUATIC ECOLOGY (FOR PLANTS WITH COOLING-TOWER-BASED HEAT DISSIPATION SYSTEMS)						
Entrainment of fish and shellfish in early life	1	4.3.3	This issue is related to heat-dissipation			
stages			systems that are not installed at St. Lucie Units			
			1 and 2.			
Impingement of fish and shellfish	1	4.3.3	This issue is related to heat-dissipation			
			systems that are not installed at St. Lucie Units			
			1 and 2.			
Heat shock	1	4.3.3	This issue is related to heat-dissipation			
			systems that are not installed at St. Lucie Units			
			1 and 2.			

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<sup>(</sup>a) The GEIS was originally issued in 1996. Addendum 1 to the GEIS was issued in 1999. Hereafter, all references to the "GEIS" include the GEIS and its Addendum 1.

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ISSUE—10 CFR Part 51, Subpart A,			GEIS				
Appendix B, Table B-1	Ca	ategor	y Sections	Comment			
GROUNDWATER USE AND QUALITY							
Ground ater use conflicts (potable and		2	4.8.1.1	St. Lucie Units 1 and 2 withdraw less than 100			
service water, and dewatering; plants that			4.8.1.2	gpm of groundwater.			
_ use >1∰ gpm)							
Ground ater-use conflicts (plants using		2	4.8.1.3	St. Lucie does not use cooling towers.			
cooling wers withdrawing makeup water			4.4.2.1				
from a finall river)		_					
© Ground atter-use conflicts (Ranney wells)		2	4.8.1.4	St. Lucie Units 1 and 2 do not have or use			
		4	4000	Ranney wells.			
Ground atter quality degradation (Ranney wells)		1	4.8.2.2	St. Lucie Units 1 and 2 do not withdraw groundwater.			
Ground• Ground• Ground		1	4.8.3	St. Lucie Units 1 and 2 do not use cooling			
Sponds if salt marshes)		'	4.0.5	ponds.			
<u>ळ हिन्स्भ</u> क्ष्मेश्वter quality degradation (cooling		2	4.8.3	St. Lucie Units 1 and 2 do not use cooling			
Sponds at inland sites)		_	1.0.0	ponds.			
TERRESTRIAL RESOURCES							
Geniegio Eeninpamental despact Stat			4.3.4	St. Lucie Units 1 and 2 lack cooling towers and			
ornamental vegetation				cooling ponds.			
Cooling tower impacts on native plants	Ċ.	1	4.3.5.1	St. Lucie Units 1 and 2 lack cooling towers and			
<b>ĕ</b>	<u>O</u>			cooling ponds.			
	Ĺ	1	4.3.5.2	St. Lucie Units 1 and 2 lack cooling towers and			
<b>(2)</b>	₽ 2			cooling ponds.			
Cooling pond impacts on terrestrial	. <u>C</u>	1	4.4.4	St. Lucie Units 1 and 2 lack cooling towers and			
resources	ashington,			cooling ponds.			
	<u> </u>		AN HEALTH				
Microbiological organisms (occupational	2, <	1	4.3.6	This issue is related to workers maintaining			
health)	7	0	4.0.0	cooling towers, which St. Lucie does not have.			
Microbiological organisms (human health) (plants using lakes or canals, or cooling	and	2	4.3.6	St. Lucie Units 1 and 2 do not use lakes or canals, or cooling towers or cooling ponds that			
towers or cooling ponds that discharge to a	, <del>-</del>			discharge to small river.			
<b>73</b>	, S			discharge to small river.			
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