Nuclear Regulatory Commission
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JTI000021

Table 1

Savannah River Discharge Rates	
Case	**River Discharge cfs (mgd)**
Average Conditions	8830 (5697)
Drought Level 1	4200 (2710)
Drought Level 2	4000 (2581)
Drought Level 3	3800 (2452)
Current Flow	3100 (2000)
Lower Flow Rate (a)	3000 (1935)
Lower Flow Rate (b)	2000 (1290)
Drought Level 4	957 (617)

Table 2

Savannah River Discharge and Surface Water Withdraws for Units 3 & 4 (as % of Savannah River)		
Case	**Normal Withdraw DCD Rev. 16 [FEIS]**	**Maximum Withdraw DCD Rev. 16 [FEIS]**
Average Conditions	1.0% [.9%]	1.5% [1.5%]
Drought Level 1	2.1% [2.0%]	3.2% [3.1%]
Drought Level 2	2.2% [2.1%]	3.4% [3.2%]
Drought Level 3	2.3% [2.2%]	3.6% [3.4%]
Current Flow	2.8% [n/a]	4.4% [n/a]
Lower Flow Rate (a)	2.9% [n/a]	4.5% [n/a]
Lower Flow Rate (b)	4.3% [n/a]	**6.8% [n/a]**
Minimum Flow	**9.0% [n/a]**	**14.2% [n/a]**

Table 3

Consumptive Use of Savannah River for Units 3 & 4 (as % of Savannah River)		
Case	**Normal Consumptive Use**	**Maximum Consumptive Use**
	DCD Rev. 16 [FEIS]	**DCD Rev. 16 [FEIS]**
Average Conditions	.7% [0.7%]	.8% [.7%]
Drought Level 1	1.5% [1.5%]	1.6% [1.5%]
Drought Level 2	1.6% [1.6%]	1.7% [1.6%]
Drought Level 3	1.7% [1.6%]	1.8% [1.7%]
Current Flow	2.1% [n/a]	2.2% [n/a]
Lower Flow Rate (a)	2.2% [n/a]	2.3% [n/a]
Lower Flow Rate (b)	3.2% [n/a]	3.4% [n/a]
Minimum Flow	**6.8% [n/a]**	**7.1% [n/a]**

Table 4

Savannah River Discharge Rates and Combined Surface Water Withdraw Rates for Units 1, 2, 3, & 4 (as % of Savannah River)		
Case	**Combined Normal Withdraw**	**Combined Maximum Withdraw**
	DCD Rev. 16 [FEIS]	**DCD Rev. 16 [FEIS]**
Average Conditions	2.0% [2.0%]	3.0% [n/a]
Drought Level 1	4.2% [4.1%]	**6.2% [n/a]**
Drought Level 2	4.4% [4.3%]	**6.5% [n/a]**
Drought Level 3	4.6% [4.6%]	**6.9% [n/a]**
Current Flow	**5.7% [n/a]**	**8.4% [n/a]**
Lower Flow Rate (a)	**5.9% [n/a]**	**8.7% [n/a]**
Lower Flow Rate (b)	**8.8% [n/a]**	**13.1% [n/a]**
Minimum Flow	**18.4% [n/a]**	**27.3% [n/a]**

Table 5

Savannah River Discharge Rates and Combined Surface Water Withdraw Rates for Units 1, 2, 3, & 4 (as % of Savannah River)	
Case	**Combined Normal Withdraw Units 1 & 2 (May 2006 actual withdraw) & Units 3 & 4 (DCD Rev. 16) [FEIS]**
Average Conditions	2.2% [2.0%]
Drought Level 1	4.5% [4.1%]
Drought Level 2	4.8% [4.3%]
Drought Level 3	**5.0% [4.6%]**
Current Flow	**6.1% [n/a]**
Lower Flow Rate (a)	**6.3% [n/a]**
Lower Flow Rate (b)	**9.5% [n/a]**
Minimum Flow	**19.9% [n/a]**