

JTI000021

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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]