Nuclear Regulatory Commission
Exhibit # - SNCR00054-00-BD01
Docket # - 05200011
Identified: 03/16/2009

Admitted: 03/16/2009 Withdrawn:
Rejected: Stricken:

Exhibit SNCR00054

Daily Mean Flow Measured at Waynesboro Gauge

(10/1/2008 – 2/5/2009)

Inflow Data (Comparison of Thurmond Dam releases with flows at Vogtle)

Date	Discharge, cfs (Mean)
10/01/2008	4,180 P
10/02/2008	4,160 P
10/03/2008	4,080 P
10/04/2008	4,180 P
10/05/2008	4,130 P
10/06/2008	4,050 P
10/07/2008	4,060 P
10/08/2008	4,040 P
10/09/2008	4,800 P
10/10/2008	5,170 P
10/11/2008	5,050 P
10/12/2008	5,050 P
10/13/2008	4,540 P
10/14/2008	4,440 P
10/15/2008	4,410 P
10/16/2008	4,300 P
10/17/2008	4,150 P
10/18/2008	4,210 P
10/19/2008	4,220 P
10/20/2008	4,280 P
10/21/2008	4,140 P
10/22/2008	4,160 P
10/23/2008	4,360 P
10/24/2008	4,590 P
10/25/2008	5,080 P
10/26/2008	5,530 P
10/27/2008	5,030 P
10/28/2008	4,790 P

10/29/2008	4,580 P
10/30/2008	4,360 P
10/31/2008	4,270 P
11/01/2008	4,270 P
11/02/2008	4,140 P
11/03/2008	4,230 P
11/04/2008	4,310 P
11/05/2008	4,220 P
11/06/2008	4,180 P
11/07/2008	4,100 P
11/08/2008	4,510 P
11/09/2008	4,100 P
11/10/2008	4,050 P
11/11/2008	4,080 P
11/12/2008	4,200 P
11/13/2008	4,080 P
11/14/2008	4,820 P
11/15/2008	7,220 P
11/16/2008	8,470 P
11/17/2008	7,680 P
11/18/2008	6,980 P
11/19/2008	5,450 P
11/20/2008	4,920 P
11/21/2008	4,720 P
11/22/2008	4,460 P
11/23/2008	4,420 P
11/24/2008	4,350 P
11/25/2008	4,600 P
11/26/2008	4,330 P
11/27/2008	4,330 P
11/28/2008	4,320 P
11/29/2008	4,250 P
11/30/2008	5,150 P

12/01/2008	7,930 P
12/02/2008	10,200 P
12/03/2008	7,660 P
12/04/2008	6,180 P
12/05/2008	5,560 P
12/06/2008	4,770 P
12/07/2008	4,530 P
12/08/2008	4,340 P
12/09/2008	4,150 P
12/10/2008	4,230 P
12/11/2008	5,960 P
12/12/2008	12,000 P
12/13/2008	16,300 P
12/14/2008	14,400 P
12/15/2008	10,100 P
12/16/2008	6,660 P
12/17/2008	5,630 P
12/18/2008	5,030 P
12/19/2008	5,350 P
12/20/2008	4,940 P
12/21/2008	4,840 P
12/22/2008	4,700 P
12/23/2008	4,460 P
12/24/2008	4,520 P
12/25/2008	4,440 P
12/26/2008	4,400 P
12/27/2008	4,500 P
12/28/2008	4,560 P
12/29/2008	4,540 P
12/30/2008	4,540 P
12/31/2008	4,470 P
01/01/2009	4,470 P
01/02/2009	4,180 P

01/03/2009	4,180 P
01/04/2009	4,460 P
01/05/2009	4,290 P
01/06/2009	4,520 P
01/07/2009	5,140 P
01/08/2009	4,320 P
01/09/2009	4,170 P
01/10/2009	4,110 P
01/11/2009	4,200 P
01/12/2009	4,600 P
01/13/2009	4,530 P
01/14/2009	4,160 P
01/15/2009	4,270 P
01/16/2009	4,060 P
01/17/2009	3,950 P
01/18/2009	3,940 P
01/19/2009	4,060 P
01/20/2009	4,100 P
01/21/2009	3,980 P
01/22/2009	3,990 P
01/23/2009	4,110 P
01/24/2009	4,210 P
01/25/2009	4,200 P
01/26/2009	4,130 P
01/27/2009	4,140 P
01/28/2009	4,090 P
01/29/2009	4,180 P
01/30/2009	4,270 P
01/31/2009	4,090 P
02/01/2009	3,980 P
02/02/2009	4,840 P
02/03/2009	4,610 P
02/04/2009	4,400 P

02/05/2009	4,210 P

To: SEPA
To: CESAD
From: (CESAS-EN-HA)

1 Week
Declaration
SAVANNAH RIVER SYSTEM
Revised 10/8/2008 13:56

1 Reset=0

Approximate Usable Pump Window 10.00 HR
0.00
1.00 HART Target 660.00
1.00 RBR Target 471.00
JST Target 330.00

		SOP POOL (FT-MSL)	RULE CURVE (FT-MSL)	STARTING STORAGE (AC-FT)	LOCAL IN (CFS)	TOTAL IN (CFS)	TOTAL OUT (CFS)	TOTAL SPILL (CFS)	EST GEN (MWH)	DAILY TOTAL MIN GEN (MWH)	DAILY TOTAL MAX GEN (MWH)	EST PUMP (AC-FT)	ENDING STORAGE (AC-FT)	COMP ENDING POOL (FT-MSL)	Hdecay	Rdecay	Tdecay
	Wed 01-Oct-08	644.27	660.00	1788132	-485	178	1650	0	489			n/a	1785209	644.20			
	Thu 02-Oct-08	644.10	660.00	1781146	-1019	-769	5677	0	1687			n/a	1768344	643.78			
	Fri 03-Oct-08	643.83	660.00	1770350	-170	80	3767	0	1113			n/a	1763026	643.65			
	Sat 04-Oct-08	643.72	660.00	1765715	-45	205	0	0	0			n/a	1766122	643.73			
H	Sun 05-Oct-08	643.73	660.00	1766189	-45	205	0	0	0			n/a	1766596	643.74			
A	Mon 06-Oct-08	643.68	660.00	1764091	-224	26	3713	0	1124			n/a	1756767	643.50			
R	Tue 07-Oct-08	643.49	660.00	1756529	-412	-162	4345	0	1315	*50*	*50*	n/a	1747578	643.27			
T	**Wed 08-Oct-08**	643.27	660.00	1747578	3045	3295	4072	0	1218	1168	1268	n/a	1746036	643.23	2.00	1.25	1.00
W	Thu 09-Oct-08	643.23	660.00	1746036	1370	1620	5120	0	1531	1481	1581	n/a	1739086	643.06			
E	Fri 10-Oct-08	643.06	660.00	1739086	754	1004	5120	0	1531	1481	1581	n/a	1730911	642.86			
L	Sat 11-Oct-08	642.86	660.00	1730911	377	627	0	0	0	0	50	n/a	1732156	642.89			
L	Sun 12-Oct-08	642.89	660.00	1732156	188	438	0	0	0	0	50	n/a	1733026	642.91			
	Mon 13-Oct-08	642.91	660.00	1733026	94	344	3830	0	1145	1095	1195	n/a	1726104	642.74			
	Tue 14-Oct-08	642.74	660.00	1726104	44	294	3830	0	1145	1095	1195	n/a	1719082	642.56			
	Wed 15-Oct-08	642.56	660.00	1719082	-6	244	3830	0	1145	1095	1195	n/a	1711960	642.39			
	Thu 16-Oct-08	642.39	659.91	1711960	-56	194	3830	0	1145	1095	1195	n/a	1704740	642.20			
	Fri 17-Oct-08	642.20	659.83	1704740	-106	144	3830	0	1145	1095	1195	n/a	1697420	642.02			
					LOC	TOT			GEN	MIN	MAX				PUMP HR	PUMP CFS	AVL UNIT
	Wed 01-Oct-08	471.39	475.00	0933454	-291	1359	4225	0	1212			4760	932522	471.36	8	2238	1
	Thu 02-Oct-08	471.42	475.00	0934054	34	5711	5145	0	1475			4760	939937	471.65	8	2193	1
	Fri 03-Oct-08	471.61	475.00	0938883	64	3831	5159	0	1483			4165	940410	471.67	7	1956	1
	Sat 04-Oct-08	471.65	475.00	0939745	-253	-253	695	0	197			4165	942028	471.74	7	1956	1
	Sun 05-Oct-08	471.67	475.00	0940379	-573	-573	2743	0	787			4165	937959	471.57	7	2055	1
R	Mon 06-Oct-08	471.63	475.00	0939413	-293	3421	5519	0	1581			4760	940006	471.66	8	2224	1
U	Tue 07-Oct-08	471.57	475.00	0937731	-456	3889	7883	0	2273	*50*	*50*	4760	934559	471.44	8	2236	1
S	**Wed 08-Oct-08**	471.44	475.00	0934559	500	4572	8634	0	2479	2429	2529	5355	931847	471.33	9	2548	1
S	Thu 09-Oct-08	471.33	475.00	0931847	325	5445	7991	0	2295	2245	2345	5355	926789	471.12	9	2548	1
E	Fri 10-Oct-08	471.12	475.00	0926789	211	5331	7991	0	2295	2245	2345	5355	921506	470.91	9	2548	1
L	Sat 11-Oct-08	470.91	475.00	0921506	137	137	0	0	0	0	0	0	921779	470.92	0	0	1
L	Sun 12-Oct-08	470.92	475.00	0921779	155	2986	0	0	0	0	0	5950	927710	471.16	10	2831	1
	Mon 13-Oct-08	471.16	475.00	0927710	148	6809	7211	0	2071	2021	2121	5950	926912	471.13	10	2831	1
	Tue 14-Oct-08	471.13	475.00	0926912	151	6812	7211	0	2071	2021	2121	5950	926120	471.10	10	2831	1
	Wed 15-Oct-08	471.10	475.00	0926120	150	6811	7211	0	2071	2021	2121	5950	925325	471.06	10	2831	1
	Thu 16-Oct-08	471.06	475.00	0925325	150	6811	7211	0	2071	2021	2121	5950	924531	471.03	10	2831	1
	Fri 17-Oct-08	471.03	475.00	0924531	150	6811	7211	0	2071	2021	2121	5950	923737	471.00	10	2831	1
					LOC	TOT			GEN	MIN	MAX				60		
	Wed 01-Oct-08	314.81	330.00	1591375	268	4493	3617	0	821			-4760	1588203	314.74	0.30	0.29	0.23
	Thu 02-Oct-08	314.76	330.00	1589050	716	5861	3668	0	843			-4760	1588490	314.74	0.30	0.29	0.23
	Fri 03-Oct-08	314.72	330.00	1587494	453	5612	3656	0	825			-4165	1587058	314.71	0.30	0.29	0.23
T	Sat 04-Oct-08	314.65	330.00	1584419	675	1370	3729	0	832			-4165	1575427	314.45	0.30	0.28	0.22
H	Sun 05-Oct-08	314.48	330.00	1576506	-437	2306	3657	0	833			-4165	1569513	314.32	0.30	0.29	0.23
U	Mon 06-Oct-08	314.39	330.00	1572644	-84	5435	3665	0	823	*50*	*50*	-4760	1571244	314.36	0.30	0.29	0.22
R	Tue 07-Oct-08	314.40	330.00	1572944	-538	7345	3747	0	840	*3600*	*3600*	-4760	1575171	314.45	0.30	0.29	0.22
M	**Wed 08-Oct-08**	314.45	330.00	1575171	1500	10134	3600	0	814	802	802	-5355	1582623	314.61	0.30	0.29	0.23
O	Thu 09-Oct-08	314.61	330.00	1582623	1050	9041	3600	0	802	802	802	-5355	1587910	314.73	0.30	0.29	0.23
N	Fri 10-Oct-08	314.73	330.00	1587910	735	8726	3600	0	802	802	802	-5355	1592572	314.83	0.30	0.29	0.23
D	Sat 11-Oct-08	314.83	330.00	1592572	478	478	3600	0	802	802	802	0	1586231	314.69	0.30	0.29	0.23
	Sun 12-Oct-08	314.69	330.00	1586231	311	311	3600	0	802	802	802	-5950	1573609	314.41	0.30	0.29	0.23
	Mon 13-Oct-08	314.41	330.00	1573609	202	7413	3600	0	802	802	802	-5950	1575071	314.45	0.30	0.29	0.23
	Tue 14-Oct-08	314.45	330.00	1575071	131	7342	3600	0	802	802	802	-5950	1576393	314.48	0.30	0.29	0.23
	Wed 15-Oct-08	314.48	330.00	1576393	100	7311	3600	0	802	802	802	-5950	1577653	314.50	0.30	0.29	0.23
	Thu 16-Oct-08	314.50	329.91	1577653	100	7311	3600	0	802	802	802	-5950	1578912	314.53	0.30	0.29	0.23
	Fri 17-Oct-08	314.53	329.83	1578912	100	7311	3600	0	802	802	802	-5950	1580172	314.56	0.30	0.29	0.23
		SOP POOL (FT-MSL)	RULE CURVE (FT-MSL)	STARTING STORAGE (AC-FT)	LOCAL IN (CFS)	TOTAL IN (CFS)	TOTAL OUT (CFS)	TOTAL SPILL (CFS)	EST GEN (MWH)	MIN GEN (MWH)	MAX GEN (MWH)	EST PUMP (AC-FT)	ENDING STORAGE (AC-FT)	ENDING POOL (FT-MSL)	HART Gen/Q	RBR Gen/Q	THUR Gen/Q
					-343	-253	151	3677	831	0.23							
	Weekly Generation Totals --->				5725	10355	5614		21694	27304		27304	-5610	-2.54	60 unit-hours = Next Weeks Pumping		
	for week beginning			Sat 11-Oct	Hartwell	Russell	Thurmond		Total	Target		Contract	Short	Pool Balance			
	Weekly Average Discharge				2736	5151	3600										
	Current Week Gen Totals				6720	11907	5614								57 unit-hours = Current Week Pumping		
	for week beginning			Sat 4-Oct	6719	11907	5746										
	Weekly Average Discharge				3196	5922	3657										

24241 Originally Sche
24372 Observed/Projected
-131 Observed/Projected Short

REMARKS:

SEPA: RUN THE DECLARED WEEKLY TOTALS FOR EACH PROJECT. STAY WITHIN THE WEEKLY MAXIMUM AND MINIMUM DAILY GENERATION TOTALS.
(ACTUAL weekly total GENERATION needs to be EQUAL to the USACE DECLARED weekly total GENERATION).
June-Sept Pre-Pump Gen- (6 unit hours), w/each unit-hour not less than 60 MW, within 12 hours of pumping.

SEPA, please call if you cannot stay within Upper and Lower Limits.
JUNE - SEPT (MAXIMUM OF 2 UNITS CONCURRENTLY PUMPING)

NOTE:80 PUMP-HOURS REQUIRED. 60 UNIT-HOURS PUMPING IS REQUESTED FOR WEEK BEGINNING 10/11/2008

Note: Thurmond 3600 cfs daily average minimum takes priority over the minimum daily generation
Please ensure that schedule does not allow Thurmond daily average discharge to go below 3600

RBR MORITORIUM Saturday 11Oct 12:00 - Sunday 12Oct 12:00 (No Generation or Pump at RBR)

(Sunset/Sunrise Calculation) http://aa.usno.navy.mil/data/docs/RS_OneYear.html

Hourly Pumping Schedule

Start	End	Unit-Hour
Wed 10/08 20:00 CDT	Thu 10/09 05:00 CDT	9
Thu 10/09 20:00 CDT	Fri 10/10 05:00 CDT	9
Fri 10/10 20:00 CDT	Sat 10/11 05:00 CDT	9
Sat 10/11 20:00 CDT	Sun 10/12 05:00 CDT	0
Sun 10/12 19:00 CDT	Mon 10/13 05:00 CDT	10
Mon 10/13 19:00 CDT	Tue 10/14 05:00 CDT	10
Tue 10/14 19:00 CDT	Wed 10/15 05:00 CDT	10
Wed 10/15 19:00 CDT	Thu 10/16 05:00 CDT	10
Thu 10/16 19:00 CDT	Fri 10/17 05:00 CDT	10
Fri 10/17 19:00 CDT	Sat 10/18 05:00 CDT	10

To: SEPA
To: CESAD
From: (CESAS-EN-HA)

1 Week
Declaration
SAVANNAH RIVER SYSTEM
Revised 10/15/2008 14:03

1 Reset=0

Approximate Usable Pump Window 10.00 HR

0.00
10.00 HART Target 660.00
10.00 RBR Target 471.00
JST Target 330.00

		SOP POOL (FT-MSL)	RULE CURVE (FT-MSL)	STARTING STORAGE (AC-FT)	LOCAL IN (CFS)	TOTAL IN (CFS)	TOTAL OUT (CFS)	TOTAL SPILL (CFS)	EST GEN (MWH)	DAILY TOTAL MIN GEN (MWH)	DAILY TOTAL MAX GEN (MWH)	EST PUMP (AC-FT)	ENDING STORAGE (AC-FT)	COMP ENDING POOL (FT-MSL)	Hdecay	Rdecay	Tdecay
	Wed 08-Oct-08	643.37	660.00	1751708	5916	219	4323	0	1298			n/a	1743559	643.17			
	Thu 09-Oct-08	643.44	660.00	1754364	2218	2468	3287	0	977			n/a	1752736	643.40			
	Fri 10-Oct-08	643.37	660.00	1751387	497	747	1976	0	589			n/a	1748945	643.31			
	Sat 11-Oct-08	643.34	660.00	1750490	365	615	0	0	0			n/a	1751711	643.37			
H	Sun 12-Oct-08	643.35	660.00	1750761	-290	-40	574	0	173			n/a	1749540	643.32			
A	Mon 13-Oct-08	643.31	660.00	1748985	82	332	1971	0	584			n/a	1745729	643.23			
R	Tue 14-Oct-08	643.20	660.00	1744535	-64	233	3306	0	995	*50*	*50*	n/a	1738432	643.05			
T	**Wed 15-Oct-08**	643.05	660.00	1738432	-114	136	2980	0	891	841	941	n/a	1732785	642.91			
W	Thu 16-Oct-08	642.91	659.91	1732785	-100	150	3420	0	1023	973	1073	n/a	1726290	642.74			
E	Fri 17-Oct-08	642.74	659.83	1726290	165	415	3470	0	1038	988	1088	n/a	1720222	642.59	0.10	0.10	0.10
L	Sat 18-Oct-08	642.59	659.74	1720222	107	357	0	0	0	0	50	n/a	1720931	642.61			
L	Sun 19-Oct-08	642.61	659.66	1720931	57	307	0	0	0	0	50	n/a	1721541	642.62			
	Mon 20-Oct-08	642.62	659.57	1721541	7	257	4010	0	1199	1149	1249	n/a	1714088	642.44			
	Tue 21-Oct-08	642.44	659.49	1714088	-43	207	4010	0	1199	1149	1249	n/a	1706535	642.25			
	Wed 22-Oct-08	642.25	659.40	1706535	-93	157	4010	0	1199	1149	1249	n/a	1698883	642.05			
	Thu 23-Oct-08	642.05	659.32	1698883	-100	150	4010	0	1199	1149	1249	n/a	1691217	641.86			
	Fri 24-Oct-08	641.86	659.23	1691217	-100	150	4010	0	1199	1149	1249	n/a	1683551	**641.66**			
					LOC	TOT			GEN	MIN	MAX				PUMP HR	PUMP CFS	AVL UNIT
	Wed 08-Oct-08	471.52	475.00	0936497	3158	7481	8088	0	2322			4760	940052	471.66	8	2239	1
	Thu 09-Oct-08	471.61	475.00	0938914	235	3523	7144	0	2054			4760	936482	471.51	8	2241	1
	Fri 10-Oct-08	471.36	475.00	0932545	-569	1407	9157	0	2608			4760	921914	470.93	8	2252	1
	Sat 11-Oct-08	471.12	475.00	0926599	334	334	0	0	0			2975	930238	471.26	5	1410	1
	Sun 12-Oct-08	471.14	475.00	0927268	-478	97	0	0	0			2975	930435	471.27	5	1401	1
R	Mon 13-Oct-08	471.27	475.00	0930460	-416	1555	5105	0	1491			5950	929362	471.23	10	2798	1
U	Tue 14-Oct-08	471.31	475.00	0931296	-27	3279	4086	0	1169	*50*	*50*	5950	935644	471.48	10	2805	1
S	**Wed 15-Oct-08**	471.48	475.00	0935644	-77	2903	3440	0	988	938	1038	5950	940528	471.68	10	2831	1
S	Thu 16-Oct-08	471.68	475.00	0940528	-127	3293	5625	0	1616	1566	1666	5950	935896	471.49	10	2831	1
E	Fri 17-Oct-08	471.49	475.00	0935896	165	3635	5625	0	1616	1566	1666	5950	931943	471.33	10	2831	1
L	Sat 18-Oct-08	471.33	475.00	0931943	107	2938	0	0	0	0	0	5950	937778	471.57	10	2831	1
L	Sun 19-Oct-08	471.57	475.00	0937778	57	2888	0	0	0	0	0	5950	943514	471.80	10	2831	1
	Mon 20-Oct-08	471.80	475.00	0943514	7	6848	8740	0	2510	2460	2560	5950	939757	471.65	10	2831	1
	Tue 21-Oct-08	471.65	475.00	0939757	-43	6798	8740	0	2510	2460	2560	5950	935901	471.49	10	2831	1
	Wed 22-Oct-08	471.49	475.00	0935901	-93	6748	8740	0	2510	2460	2560	5950	931945	471.33	10	2831	1
	Thu 23-Oct-08	471.33	475.00	0931945	-143	6698	8740	0	2510	2460	2560	5950	927891	471.17	10	2831	1
	Fri 24-Oct-08	471.17	475.00	0927891	-193	6648	8740	0	2510	2460	2560	5950	923736	**471.00**	10	2831	1
					LOC	TOT			GEN	MIN	MAX				**70**		
	Wed 08-Oct-08	314.56	330.00	1580369	6245	14333	3692	0	830			-4760	1596561	314.92	0.30	0.29	0.22
	Thu 09-Oct-08	314.88	330.00	1594544	1694	8837	3644	0	816			-4760	1599932	315.00	0.30	0.29	0.22
	Fri 10-Oct-08	315.05	330.00	1602492	1746	10903	3655	0	825			-4760	1611955	315.23	0.30	0.28	0.23
T	Sat 11-Oct-08	315.13	330.00	1606977	1442	1442	3665	0	826			-2975	1599443	314.99	0.30	0.28	0.23
H	Sun 12-Oct-08	314.98	330.00	1599137	287	287	3655	0	819			-2975	1589335	314.76	0.30	0.28	0.22
U	Mon 13-Oct-08	314.82	330.00	1591750	386	5490	3601	0	812	***50***	***50***	-5950	1589398	314.76	0.30	0.29	0.23
R	Tue 14-Oct-08	314.78	330.00	1589894	733	4819	3603	0	809	***3600***	***3600***	-5950	1586205	314.69	0.30	0.29	0.22
M	**Wed 15-Oct-08**	314.69	330.00	1586205	550	3990	3600	0	809	800	800	-5950	1580879	314.58	0.30	0.29	0.22
O	Thu 16-Oct-08	314.58	329.91	1580879	412	6037	3600	0	800	800	800	-5950	1579613	314.55	0.30	0.29	0.22
N	Fri 17-Oct-08	314.55	329.83	1579613	782	6407	3600	0	800	800	800	-5950	1579080	314.54	0.30	0.29	0.22
D	Sat 18-Oct-08	314.54	329.74	1579080	586	586	3600	0	800	800	800	-5950	1567004	314.27	0.30	0.29	0.22
	Sun 19-Oct-08	314.27	329.66	1567004	440	440	3600	0	800	800	800	-5950	1554638	313.99	0.30	0.29	0.22
	Mon 20-Oct-08	313.99	329.57	1554638	330	9070	3600	0	800	800	800	-5950	1559386	314.10	0.30	0.29	0.22
	Tue 21-Oct-08	314.10	329.49	1559386	251	8991	3600	0	800	800	800	-5950	1563977	314.20	0.30	0.29	0.22
	Wed 22-Oct-08	314.20	329.40	1563977	251	8991	3600	0	800	800	800	-5950	1568568	314.30	0.30	0.29	0.22
	Thu 23-Oct-08	314.30	329.32	1568568	251	8991	3600	0	800	800	800	-5950	1573159	314.40	0.30	0.29	0.22
	Fri 24-Oct-08	314.40	329.23	1573159	251	8991	3600	0	800	800	800	-5950	1577750	**314.51**	0.30	0.29	0.22

	SOP POOL (FT-MSL)	RULE CURVE (FT-MSL)	STARTING STORAGE (AC-FT)	LOCAL IN (CFS)	TOTAL IN (CFS)	TOTAL OUT (CFS)	TOTAL SPILL (CFS)	EST GEN (MWH)	MIN GEN (MWH)	MAX GEN (MWH)	EST PUMP (AC-FT)	ENDING STORAGE (AC-FT)	ENDING POOL (FT-MSL)	HART Gen/Q	RBR Gen/Q	THUR Gen/Q
				1246	320	1790	3645	820	0.22							
Weekly Generation Totals --->				**5995**	**12550**	**5600**		**24145**	27304		27304	-3159	-2.84	70 unit-hours = Next Weeks Pumping		
for week beginning			Sat 18-Oct	Hartwell	Russell	Thurmond		Total	Target		Contract	Short	Pool Balance			
Weekly Average Discharge				2864	6243	3600										
Current Week Gen Totals				**4705**	**6879**	**5600**		**17184** Originally Sche						60 unit-hours = Current Week Pumping		
for week beginning			Sat 11-Oct	4703	6879	5675		17257 Observed/Projected								
Weekly Average Discharge				2246	3412	3618		-73 Observed/Projected Short								

REMARKS:

SEPA: RUN THE DECLARED WEEKLY TOTALS FOR EACH PROJECT. STAY WITHIN THE WEEKLY MAXIMUM AND MINIMUM DAILY GENERATION TOTALS.
(ACTUAL weekly total GENERATION needs to be EQUAL to the USACE DECLARED weekly total GENERATION).
June-Sept Pre-Pump Gen- (6 unit hours), w/each unit-hour not less than 60 MW, within 12 hours of pumping.

SEPA, please call if you cannot stay within Upper and Lower Limits.
JUNE - SEPT (MAXIMUM OF 2 UNITS CONCURRENTLY PUMPING)

NOTE:80 PUMP-HOURS REQUIRED. 70 UNIT-HOURS PUMPING IS REQUESTED FOR WEEK BEGINNING 10/18/2008

Note: Thurmond 3600 cfs daily average minimum takes priority over the minimum daily generation
Please ensure that schedule does not allow Thurmond daily average discharge to go below 3600

RBR MORITORIUM Saturday 11Oct 12:00 - Sunday 12Oct 12:00 (No Generation or Pump at RBR)

(Sunset/Sunrise Calculation) http://aa.usno.navy.mil/data/docs/RS_OneYear.html

Hourly Pumping Schedule

Start	End	Unit-Hou
Wed 10/15 19:00 CDT	Thu 10/16 05:00 CDT	10
Thu 10/16 19:00 CDT	Fri 10/17 05:00 CDT	10
Fri 10/17 19:00 CDT	Sat 10/18 05:00 CDT	10
Sat 10/18 19:00 CDT	Sun 10/19 05:00 CDT	10
Sun 10/19 19:00 CDT	Mon 10/20 05:00 CDT	10
Mon 10/20 19:00 CDT	Tue 10/21 05:00 CDT	10
Tue 10/21 19:00 CDT	Wed 10/22 05:00 CDT	10
Wed 10/22 19:00 CDT	Thu 10/23 05:00 CDT	10
Thu 10/23 19:00 CDT	Fri 10/24 05:00 CDT	10
Fri 10/24 19:00 CDT	Sat 10/25 05:00 CDT	10

To: SEPA
To: CESAD
From: (CESAS-EN-HA)

1 Week
Declaration
SAVANNAH RIVER SYSTEM
Revised 10/22/2008 12:17

1 Reset=0

Approximate Usable Pump Window 10.00 HRS
0.00
1.00 HART Target 660.00
1.00 RBR Target 471.00
JST Target 330.00

		SOP POOL (FT-MSL)	RULE CURVE (FT-MSL)	STARTING STORAGE (AC-FT)	LOCAL IN (CFS)	TOTAL IN (CFS)	TOTAL OUT (CFS)	TOTAL SPILL (CFS)	EST GEN (MWH)	DAILY TOTAL MIN GEN (MWH)	DAILY TOTAL MAX GEN (MWH)	EST PUMP (AC-FT)	ENDING STORAGE (AC-FT)	COMP ENDING POOL (FT-MSL)	Hdecay	Rdecay	Tdecay
	Wed 15-Oct-08	643.06	660.00	1739004	123	2465	3020	0	904			n/a	1737900	643.03			
	Thu 16-Oct-08	642.93	659.91	1733697	-504	-254	3562	0	1044			n/a	1726119	642.74			
	Fri 17-Oct-08	642.75	659.83	1726550	827	1077	3487	0	1034			n/a	1721764	642.63			
	Sat 18-Oct-08	642.66	659.74	1722852	-250	0	0	0	0			n/a	1722852	642.66			
H	Sun 19-Oct-08	642.66	659.66	1722918	-250	0	0	0	0			n/a	1722918	642.66			
A	Mon 20-Oct-08	642.57	659.57	1719373	-732	-482	4740	0	1389			n/a	1709003	642.31			
R	Tue 21-Oct-08	642.32	659.49	1709573	-36	214	4833	0	1419	*50*	*50*	n/a	1700399	642.09			
T	**Wed 22-Oct-08**	642.09	659.40	1700399	-86	164	4130	0	1217	1167	1267	n/a	1692523	641.89			
W	Thu 23-Oct-08	641.89	659.32	1692523	-136	114	3340	0	985	935	1035	n/a	1686116	641.73			
E	Fri 24-Oct-08	641.73	659.23	1686116	316	566	3340	0	985	935	1035	n/a	1680606	641.59	1.00	0.75	0.75
L	Sat 25-Oct-08	641.59	659.15	1680606	205	455	0	0	0	0	50	n/a	1681510	641.61			
L	Sun 26-Oct-08	641.61	659.06	1681510	133	383	0	0	0	0	50	n/a	1682271	641.63			
	Mon 27-Oct-08	641.63	658.98	1682271	83	333	4016	0	1184	1134	1234	n/a	1674958	641.44			
	Tue 28-Oct-08	641.44	658.89	1674958	33	283	4016	0	1184	1134	1234	n/a	1667544	641.25			
	Wed 29-Oct-08	641.25	658.81	1667544	-17	233	4016	0	1184	1134	1234	n/a	1660032	641.06			
	Thu 30-Oct-08	641.06	658.72	1660032	-67	183	4016	0	1184	1134	1234	n/a	1652420	640.86			
	Fri 31-Oct-08	640.86	658.64	1652420	-117	133	4016	0	1184	1134	1234	n/a	1644709	640.66			
					LOC	TOT			GEN	MIN	MAX				PUMP HR	PUMP CFS	AVL UNITS
	Wed 15-Oct-08	471.47	475.00	0935389	194	3214	3508	0	1009			5950	940755	471.69	10	2804	1
	Thu 16-Oct-08	471.56	475.00	0937492	-325	3237	5672	0	1642			5950	938606	471.60	10	2803	1
	Fri 17-Oct-08	471.64	475.00	0939672	730	4217	5631	0	1631			5950	942814	471.77	10	2800	1
	Sat 18-Oct-08	471.80	475.00	0943615	-250	-250	0	0	0			5950	949068	472.02	10	2778	1
	Sun 19-Oct-08	471.98	475.00	0948178	-437	-437	443	0	123			5950	952381	472.15	10	2783	1
R	Mon 20-Oct-08	471.99	475.00	0948398	-501	4239	8272	0	2404			5355	945743	471.89	9	2505	1
U	Tue 21-Oct-08	471.81	475.00	0943855	-500	4334	8997	0	2619	*50*	*50*	5355	939948	471.65	9	2509	1
S	**Wed 22-Oct-08**	471.65	475.00	0939948	-555	3575	8675	0	2515	2465	2565	5355	935175	471.46	9	2548	1
S	Thu 23-Oct-08	471.46	475.00	0935175	-749	2591	8433	0	2445	2395	2495	5355	923571	470.99	9	2548	1
E	Fri 24-Oct-08	470.99	475.00	0923571	55	3395	8433	0	2445	2395	2495	5355	913566	470.58	9	2548	1
L	Sat 25-Oct-08	470.58	475.00	0913566	5	2837	0	0	0	0	0	5950	919199	470.81	10	2831	1
L	Sun 26-Oct-08	470.81	475.00	0919199	-45	2787	0	0	0	0	0	5950	924733	471.04	10	2831	1
	Mon 27-Oct-08	471.04	475.00	0924733	-95	6469	6453	0	1871	1821	1921	5355	924766	471.04	9	2548	1
	Tue 28-Oct-08	471.04	475.00	0924766	-145	6419	6453	0	1871	1821	1921	5355	924700	471.04	9	2548	1
	Wed 29-Oct-08	471.04	475.00	0924700	-195	6369	6453	0	1871	1821	1921	5355	924532	471.03	9	2548	1
	Thu 30-Oct-08	471.03	475.00	0924532	-264	6301	6453	0	1871	1821	1921	5355	924230	471.02	9	2548	1
	Fri 31-Oct-08	471.02	475.00	0924230	-356	6208	6453	0	1871	1821	1921	5355	923744	471.00	9	2548	1
					LOC	TOT			GEN	MIN	MAX				65		
	Wed 15-Oct-08	314.70	330.00	1586406	458	3966	3660	0	824			-5950	1580915	314.58	0.30	0.29	0.23
	Thu 16-Oct-08	314.63	329.91	1583213	949	6621	3819	0	818			-5950	1582670	314.61	0.29	0.29	0.21
	Fri 17-Oct-08	314.64	329.83	1583669	2206	7838	3676	0	821			-5950	1585823	314.68	0.30	0.29	0.22
T	Sat 18-Oct-08	314.58	329.74	1581156	628	628	3754	0	825			-5950	1568858	314.31	0.30	0.29	0.22
H	Sun 19-Oct-08	314.31	329.66	1569025	34	477	3825	0	837			-5950	1556285	314.03	0.30	0.28	0.22
U	Mon 20-Oct-08	314.20	329.57	1563775	281	8553	3777	0	822	*0*	*0*	-5355	1567741	314.28	0.29	0.29	0.22
R	Tue 21-Oct-08	314.32	329.49	1569437	665	9662	3746	0	827	*3600*	*3600*	-5355	1575664	314.46	0.29	0.29	0.22
M	**Wed 22-Oct-08**	314.46	329.40	1575664	498	9173	3600	0	792	768	768	-5355	1581212	314.58	0.29	0.29	0.22
O	Thu 23-Oct-08	314.58	329.32	1581212	374	8807	3600	0	768	768	768	-5355	1586034	314.69	0.29	0.29	0.22
N	Fri 24-Oct-08	314.69	329.23	1586034	1094	9527	3600	0	768	768	768	-5355	1592284	314.83	0.29	0.29	0.22
D	Sat 25-Oct-08	314.83	329.15	1592284	875	875	3600	0	768	768	768	-5950	1580781	314.57	0.29	0.29	0.22
	Sun 26-Oct-08	314.57	329.06	1580781	656	656	3600	0	768	768	768	-5950	1568844	314.31	0.29	0.29	0.22
	Mon 27-Oct-08	314.31	328.98	1568844	492	6945	3600	0	768	768	768	-5355	1569974	314.33	0.29	0.29	0.22
	Tue 28-Oct-08	314.33	328.89	1569974	369	6822	3600	0	768	768	768	-5355	1570859	314.35	0.29	0.29	0.22
	Wed 29-Oct-08	314.35	328.81	1570859	277	6730	3600	0	768	768	768	-5355	1571562	314.37	0.29	0.29	0.22
	Thu 30-Oct-08	314.37	328.72	1571562	251	6704	3600	0	768	768	768	-5355	1572213	314.38	0.29	0.29	0.22
	Fri 31-Oct-08	314.38	328.64	1572213	251	6704	3600	0	768	768	768	-5355	1572864	314.40	0.29	0.29	0.22

	SOP POOL (FT-MSL)	RULE CURVE (FT-MSL)	STARTING STORAGE (AC-FT)	LOCAL IN (CFS)	TOTAL IN (CFS)	TOTAL OUT (CFS)	TOTAL SPILL (CFS)	EST GEN (MWH)	MIN GEN (MWH)	MAX GEN (MWH)	EST PUMP (AC-FT)	ENDING STORAGE (AC-FT)	ENDING POOL (FT-MSL)	HART Gen/Q	RBR Gen/Q	THUR Gen/Q
				-117	-156	746	3751	825	0.22							
Weekly Generation Totals --->				5920	9355	5376		20651	27304		27304	-6653	-3.74	65 unit-hours = Next Weeks Pumping		
for week beginning			Sat 25-Oct	Hartwell	Russell	Thurmond		Total	Target		Contract	Short	Pool Balance			
Weekly Average Discharge				2869	4609	3600										
Current Week Gen Totals				5995	12550	5600		**24145** Originally Sche						65 unit-hours = Current Week Pumping		
for week beginning			Sat 18-Oct	5994	12550	5638		24183 Observed/Projected								
Weekly Average Discharge				2912	6179	3700		-38 Observed/Projected Short								

REMARKS:

SEPA: RUN THE DECLARED WEEKLY TOTALS FOR EACH PROJECT. STAY WITHIN THE WEEKLY MAXIMUM AND MINIMUM DAILY GENERATION TOTALS.
(ACTUAL weekly total GENERATION needs to be EQUAL to the USACE DECLARED weekly total GENERATION).
June-Sept Pre-Pump Gen- (6 unit hours), w/each unit-hour not less than 60 MW, within 12 hours of pumping.

SEPA, please call if you cannot stay within Upper and Lower Limits.
JUNE - SEPT (MAXIMUM OF 2 UNITS CONCURRENTLY PUMPING)

NOTE:80 PUMP-HOURS REQUIRED. 65 UNIT-HOURS PUMPING IS REQUESTED FOR WEEK BEGINNING 10/25/2008

Note: Thurmond 3600 cfs daily average minimum takes priority over the minimum daily generatio
Please ensure that schedule does not allow Thurmond daily average discharge to go below 360

(Sunset/Sunrise Calculation) http://aa.usno.navy.mil/data/docs/RS_OneYear.html

Hourly Pumping Schedule

Start	End	Unit-Hours
Wed 10/22 19:00 CDT	Thu 10/23 05:00 CDT	9
Thu 10/23 19:00 CDT	Fri 10/24 05:00 CDT	9
Fri 10/24 19:00 CDT	Sat 10/25 05:00 CDT	9
Sat 10/25 19:00 CDT	Sun 10/26 04:00 CST	10
Sun 10/26 18:00 CST	Mon 10/27 04:00 CST	10
Mon 10/27 18:00 CST	Tue 10/28 04:00 CST	9
Tue 10/28 18:00 CST	Wed 10/29 04:00 CST	9
Wed 10/29 18:00 CST	Thu 10/30 04:00 CST	9
Thu 10/30 18:00 CST	Fri 10/31 04:00 CST	9
Fri 10/31 18:00 CST	Sat 11/01 04:00 CST	9

To: SEPA
To: CESAD
From: (CESAS-EN-HA)

1 Week
Declaration
SAVANNAH RIVER SYSTEM
Revised 10/29/2008 15:46

1 Reset=0

Approximate Usable Pump Window 10.00 HR
0.00
1.00 HART Target 660.00
1.00 RBR Target 471.00
JST Target 330.00

		SOP POOL (FT-MSL)	RULE CURVE (FT-MSL)	STARTING STORAGE (AC-FT)	LOCAL IN (CFS)	TOTAL IN (CFS)	TOTAL OUT (CFS)	TOTAL SPILL (CFS)	EST GEN (MWH)	DAILY TOTAL MIN GEN (MWH)	DAILY TOTAL MAX GEN (MWH)	EST PUMP (AC-FT)	ENDING STORAGE (AC-FT)	COMP ENDING POOL (FT-MSL)	Hdecay	Rdecay	Tdecay
	Wed 22-Oct-08	642.10	659.40	1700796	-156	98	4288	0	1261			n/a	1692473	641.89			
	Thu 23-Oct-08	641.88	659.32	1692081	-541	-291	4224	0	1249			n/a	1683114	641.65			
	Fri 24-Oct-08	641.71	659.23	1685241	609	859	2821	0	831			n/a	1681342	641.61			
	Sat 25-Oct-08	641.65	659.15	1683036	516	766	177	0	52			n/a	1684206	641.68			
H	Sun 26-Oct-08	641.67	659.06	1683669	143	393	0	0	0			n/a	1684448	641.69			
A	Mon 27-Oct-08	641.65	658.98	1682907	-39	211	2959	0	867			n/a	1677449	641.51			
R	Tue 28-Oct-08	641.40	658.89	1673392	-600	-350	5735	0	1674	*50*	*50*	n/a	1661308	641.09			
T	**Wed 29-Oct-08**	641.09	658.81	1661308	-260	-10	4202	0	1234	1184	1284	n/a	1652943	640.87			
W	Thu 30-Oct-08	640.87	658.72	1652943	-50	200	3564	0	1047	997	1097	n/a	1646262	640.70			
E	Fri 31-Oct-08	640.70	658.64	1646262	-50	200	3566	0	1047	997	1097	n/a	1639577	640.52			
L	Sat 01-Nov-08	640.52	658.55	1639577	-50	200	0	0	0	0	50	n/a	1639974	640.53			
L	Sun 02-Nov-08	640.53	658.47	1639974	-50	200	0	0	0	0	50	n/a	1640371	640.54			
	Mon 03-Nov-08	640.54	658.38	1640371	-50	200	4600	0	1351	1301	1401	n/a	1631633	640.31			
	Tue 04-Nov-08	640.31	658.30	1631633	-50	200	4600	0	1351	1301	1401	n/a	1622894	640.08			
	Wed 05-Nov-08	640.08	658.21	1622894	-50	200	4600	0	1351	1301	1401	n/a	1614156	639.85			
	Thu 06-Nov-08	639.85	658.13	1614156	-50	200	4600	0	1351	1301	1401	n/a	1605418	639.62			
	Fri 07-Nov-08	639.62	658.04	1605418	-50	200	4600	0	1351	1301	1401	n/a	1596679	**639.38**			
					LOC	TOT			GEN	MIN	MAX				PUMP HR	PUMP CFS	AVL UNIT
	Wed 22-Oct-08	471.61	475.00	0938737	-759	3529	8945	0	2593			5355	933337	471.39	9	2514	1
	Thu 23-Oct-08	471.33	475.00	0931781	-1158	3066	10100	0	2924			5355	923167	470.98	9	2517	1
	Fri 24-Oct-08	471.08	475.00	0925623	-529	2293	6685	0	1914			5355	922256	470.94	9	2522	1
	Sat 25-Oct-08	471.14	475.00	0927196	16	193	0	0	0			5950	933529	471.40	10	2799	1
	Sun 26-Oct-08	471.37	475.00	0932928	-163	-163	0	0	0			5950	938555	471.60	10	2794	1
R	Mon 27-Oct-08	471.54	475.00	0937067	-98	2862	4595	0	1331			4760	938385	471.59	8	2231	1
U	Tue 28-Oct-08	471.51	475.00	0936403	-563	5172	7526	0	2176	*50*	*50*	4760	936489	471.52	8	2226	1
S	**Wed 29-Oct-08**	471.52	475.00	0936489	-465	3737	6620	0	1913	1863	1963	5355	936119	471.50	9	2548	1
S	Thu 30-Oct-08	471.50	475.00	0936119	-465	3099	6809	0	1967	1917	2017	5355	928752	471.20	9	2548	1
E	Fri 31-Oct-08	471.20	475.00	0928752	-465	3101	6809	0	1967	1917	2017	5355	921388	470.90	9	2548	1
L	Sat 01-Nov-08	470.90	475.00	0921388	-465	2366	0	0	0	0	0	5950	926088	471.10	10	2831	1
L	Sun 02-Nov-08	471.10	475.00	0926088	-465	2366	0	0	0	0	0	5950	930787	471.29	10	2831	1
	Mon 03-Nov-08	471.29	475.00	0930787	-465	6683	7391	0	2136	2086	2186	5355	929381	471.23	9	2548	1
	Tue 04-Nov-08	471.23	475.00	0929381	-465	6683	7391	0	2136	2086	2186	5355	927975	471.17	9	2548	1
	Wed 05-Nov-08	471.17	475.00	0927975	-465	6683	7391	0	2136	2086	2186	5355	926570	471.11	9	2548	1
	Thu 06-Nov-08	471.11	475.00	0926570	-465	6683	7391	0	2136	2086	2186	5355	925164	471.06	9	2548	1
	Fri 07-Nov-08	471.06	475.00	0925164	-465	6683	7391	0	2136	2086	2186	5355	923758	**471.00**	9	2548	1
					LOC	TOT			GEN	MIN	MAX				**65**		
	Wed 22-Oct-08	314.45	329.40	1575287	173	9118	3652	0	816			-5355	1580622	314.57	0.29	0.29	0.22
	Thu 23-Oct-08	314.58	329.32	1581288	-258	9842	3692	0	828			-5355	1587979	314.73	0.30	0.29	0.22
	Fri 24-Oct-08	314.74	329.23	1588150	1356	8040	3701	0	829			-5355	1591250	314.81	0.29	0.29	0.22
T	Sat 25-Oct-08	314.68	329.15	1585806	475	475	3580	0	797			-5950	1573550	314.41	0.29	0.29	0.22
H	Sun 26-Oct-08	314.41	329.06	1573375	225	225	3563	0	800			-5950	1560657	314.13	0.29	0.29	0.22
U	Mon 27-Oct-08	314.24	328.98	1565913	546	5141	3591	0	797	*0*	*0*	-4760	1564077	314.20	0.29	0.29	0.22
R	Tue 28-Oct-08	314.23	328.89	1565463	296	7823	3553	0	794	*3600*	*3600*	-4760	1569020	314.31	0.29	0.29	0.22
M	**Wed 29-Oct-08**	314.31	328.81	1569020	251	6871	3600	0	804	771	771	-5355	1570003	314.33	0.29	0.29	0.22
O	Thu 30-Oct-08	314.33	328.72	1570003	251	7060	3600	0	771	771	771	-5355	1571359	314.36	0.29	0.29	0.22
N	Fri 31-Oct-08	314.36	328.64	1571359	251	7060	3600	0	771	771	771	-5355	1572715	314.39	0.29	0.29	0.22
D	Sat 01-Nov-08	314.39	328.55	1572715	251	251	3600	0	771	771	771	-5950	1559975	314.11	0.29	0.29	0.22
	Sun 02-Nov-08	314.11	328.47	1559975	251	251	3600	0	771	771	771	-5950	1547235	313.83	0.29	0.29	0.22
	Mon 03-Nov-08	313.83	328.38	1547235	251	7642	3300	0	707	771	707	-5355	1550341	313.90	0.29	0.29	0.22
	Tue 04-Nov-08	313.90	328.30	1550341	251	7642	3300	0	707	771	707	-5355	1553447	313.97	0.29	0.29	0.22
	Wed 05-Nov-08	313.97	328.21	1553447	251	7642	3300	0	707	771	707	-5355	1556553	314.03	0.29	0.29	0.22
	Thu 06-Nov-08	314.03	328.13	1556553	251	7642	3300	0	707	771	707	-5355	1559659	314.10	0.29	0.29	0.22
	Fri 07-Nov-08	314.10	328.04	1559659	251	7642	3300	0	707	771	707	-5355	1562765	**314.17**	0.29	0.29	0.22

	SOP POOL (FT-MSL)	RULE CURVE (FT-MSL)	STARTING STORAGE (AC-FT)	LOCAL IN (CFS)	TOTAL IN (CFS)	TOTAL OUT (CFS)	TOTAL SPILL (CFS)	EST GEN (MWH)	MIN GEN (MWH)	MAX GEN (MWH)	EST PUMP (AC-FT)	ENDING STORAGE (AC-FT)	ENDING POOL (FT-MSL)	HART Gen/Q	RBR Gen/Q	THUR Gen/Q
				-10	-465	402	3619	809	0.22							
Weekly Generation Totals --->				6755	10680	5077		22512	26284		26284	-3772	-4.79	65 unit-hours = Next Weeks Pumping		
for week beginning			Sat 1-Nov	Hartwell	Russell	Thurmond		Total	Target		Contract	Short	Pool Balance			
Weekly Average Discharge				3286	5279	3386										
Current Week Gen Totals				5920	9355	5376		**20651** Originally Sche						63 unit-hours = Current Week Pumping		
for week beginning			Sat 25-Oct	5921	9355	5535		20811 Observed/Projected								
Weekly Average Discharge				2886	4623	3584		-160 Observed/Projected Short								

REMARKS:

SEPA: RUN THE DECLARED WEEKLY TOTALS FOR EACH PROJECT. STAY WITHIN THE WEEKLY MAXIMUM AND MINIMUM DAILY GENERATION TOTALS.
(ACTUAL weekly total GENERATION needs to be EQUAL to the USACE DECLARED weekly total GENERATION).
June-Sept Pre-Pump Gen- (6 unit hours), w/each unit-hour not less than 60 MW, within 12 hours of pumping.

SEPA, please call if you cannot stay within Upper and Lower Limits.
NOTE: Discharge at Thurmond of 3300 cfs ASSUMES approval of a temporary flow reduction Environmen
Note: Thurmond 3300 cfs daily average minimum takes priority over the minimum daily generation
Please ensure that schedule does not allow Thurmond daily average discharge to go below 3300
Week Beginning 8 November will transition to 3100 cfs minimum at

NOTE:80 PUMP-HOURS REQUIRED. 65 UNIT-HOURS PUMPING IS REQUESTED FOR WEEK BEGINNING 11/1/2008

(Sunset/Sunrise Calculation) http://aa.usno.navy.mil/data/docs/RS_OneYear.html

Hourly Pumping Schedule

Start	End	Unit-Hour
Wed 10/29 18:00 CST	Thu 10/30 04:00 CST	9
Thu 10/30 18:00 CST	Fri 10/31 04:00 CST	9
Fri 10/31 18:00 CST	Sat 11/01 04:00 CST	9
Sat 11/01 18:00 CST	Sun 11/02 04:00 CST	10
Sun 11/02 18:00 CST	Mon 11/03 04:00 CST	10
Mon 11/03 18:00 CST	Tue 11/04 04:00 CST	9
Tue 11/04 18:00 CST	Wed 11/05 04:00 CST	9
Wed 11/05 18:00 CST	Thu 11/06 04:00 CST	9
Thu 11/06 18:00 CST	Fri 11/07 04:00 CST	9
Fri 11/07 18:00 CST	Sat 11/08 04:00 CST	9

To: SEPA
To: CESAD
From: (CESAS-EN-HA)

1 Week
Declaration
SAVANNAH RIVER SYSTEM
Revised 11/5/2008 11:13

1 Reset=0

Approximate Usable Pump Window 10.00 HR
0.00
10.00 HART Target 660.00
10.00 RBR Target 471.00
JST Target 330.00
Hdecay Rdecay Tdecay

		SOP POOL (FT-MSL)	RULE CURVE (FT-MSL)	STARTING STORAGE (AC-FT)	LOCAL IN (CFS)	TOTAL IN (CFS)	TOTAL OUT (CFS)	TOTAL SPILL (CFS)	EST GEN (MWH)	DAILY TOTAL MIN GEN (MWH)	DAILY TOTAL MAX GEN (MWH)	EST PUMP (AC-FT)	ENDING STORAGE (AC-FT)	COMP ENDING POOL (FT-MSL)
	Wed 29-Oct-08	641.11	658.81	1662063	-1224	-56	4306	0	1258			n/a	1653401	640.88
	Thu 30-Oct-08	640.83	658.72	1651434	289	539	4384	0	1263			n/a	1643798	640.63
	Fri 31-Oct-08	640.68	658.64	1645783	119	369	2483	0	732			n/a	1641583	640.57
	Sat 01-Nov-08	640.66	658.55	1644830	135	385	0	0	0			n/a	1645594	640.68
H	Sun 02-Nov-08	640.69	658.47	1646096	689	939	170	0	49			n/a	1647623	640.73
A	Mon 03-Nov-08	640.61	658.38	1643052	-424	-174	4440	0	1282			n/a	1633889	640.37
R	Tue 04-Nov-08	640.39	658.30	1634543	144	394	4816	0	1424	*0*	*50*	n/a	1625762	640.16
T	**Wed 05-Nov-08**	640.16	658.21	1625762	93	343	4605	0	1343	1343	1393	n/a	1617298	639.94
W	Thu 06-Nov-08	639.94	658.13	1617298	43	293	5143	0	1500	1500	1550	n/a	1607667	639.68
E	Fri 07-Nov-08	639.68	658.04	1607667	-7	243	5143	0	1500	1500	1550	n/a	1597936	639.41
L	Sat 08-Nov-08	639.41	657.96	1597936	-50	200	0	0	0	0	50	n/a	1598333	639.43
L	Sun 09-Nov-08	639.43	657.87	1598333	-50	200	0	0	0	0	50	n/a	1598731	639.44
	Mon 10-Nov-08	639.44	657.79	1598731	-50	200	3985	0	1162	1162	1212	n/a	1591214	639.23
	Tue 11-Nov-08	639.23	657.70	1591214	-50	200	3985	0	1162	1162	1212	n/a	1583697	639.03
	Wed 12-Nov-08	639.03	657.62	1583697	-50	200	3985	0	1162	1162	1212	n/a	1576180	638.83
	Thu 13-Nov-08	638.83	657.53	1576180	-50	200	3985	0	1162	1162	1212	n/a	1568663	638.62
	Fri 14-Nov-08	638.62	657.45	1568663	-50	200	3985	0	1162	1162	1212	n/a	1561146	638.42
					LOC	TOT			GEN	MIN	MAX			
	Wed 29-Oct-08	471.50	475.00	0935989	-579	3727	7085	0	2050			4760	934080	471.42
	Thu 30-Oct-08	471.41	475.00	0933982	-298	4086	6953	0	1998			4760	933048	471.38
	Fri 31-Oct-08	471.30	475.00	0931213	-423	2061	5049	0	1420			4760	930038	471.26
	Sat 01-Nov-08	471.42	475.00	0934013	-37	-37	0	0	0			5950	939889	471.65
	Sun 02-Nov-08	471.65	475.00	0939809	192	363	0	0	0			5950	946480	471.92
R	Mon 03-Nov-08	471.70	475.00	0941117	-652	3789	7406	0	2151			4165	938097	471.58
U	Tue 04-Nov-08	471.59	475.00	0938395	-363	4453	7412	0	2140	*50*	*50*	4165	936682	471.52
S	**Wed 05-Nov-08**	471.52	475.00	0936682	-300	4305	7685	0	2212	2162	2262	0	929970	471.25
S	Thu 06-Nov-08	471.25	475.00	0929970	-300	4843	7812	0	2249	2199	2299	5355	924073	471.01
E	Fri 07-Nov-08	471.01	475.00	0924073	-300	4843	7812	0	2249	2199	2299	5355	918177	470.77
L	Sat 08-Nov-08	470.77	475.00	0918177	-300	2531	0	0	0	0	0	5950	923204	470.98
L	Sun 09-Nov-08	470.98	475.00	0923204	-300	2531	0	0	0	0	0	5950	928231	471.18
	Mon 10-Nov-08	471.18	475.00	0928231	-300	6516	6978	0	2008	1958	2058	5950	927314	471.14
	Tue 11-Nov-08	471.14	475.00	0927314	-300	6516	6978	0	2008	1958	2058	5950	926397	471.11
	Wed 12-Nov-08	471.11	475.00	0926397	-300	6516	6978	0	2008	1958	2058	5950	925480	471.07
	Thu 13-Nov-08	471.07	475.00	0925480	-300	6516	6978	0	2008	1958	2058	5950	924563	471.03
	Fri 14-Nov-08	471.03	475.00	0924563	-300	6516	6978	0	2008	1958	2058	5950	923646	471.00
					LOC	TOT			GEN	MIN	MAX			
	Wed 29-Oct-08	314.29	328.81	1567881	261	7346	3530	0	781			-4760	1570540	314.35
	Thu 30-Oct-08	314.35	328.72	1570863	17	6970	3600	0	796			-4760	1572637	314.39
	Fri 31-Oct-08	314.38	328.64	1572175	90	5140	3585	0	785			-4760	1570349	314.34
T	Sat 01-Nov-08	314.23	328.55	1565350	475	475	3584	0	804			-5950	1553087	313.96
H	Sun 02-Nov-08	313.97	328.47	1553794	613	613	3732	0	829			-5950	1541510	313.70
U	Mon 03-Nov-08	313.90	328.38	1550312	31	7438	3655	0	821	*0*	*0*	-4165	1553500	313.97
R	Tue 04-Nov-08	314.01	328.30	1555244	1071	8483	3580	0	796	*3600*	*3600*	-4165	1560653	314.13
M	**Wed 05-Nov-08**	314.13	328.21	1560653	400	8085	3600	0	800	765	765	0	1569398	314.32
O	Thu 06-Nov-08	314.32	328.13	1569398	300	8112	3600	0	765	765	765	-5355	1572841	314.40
N	Fri 07-Nov-08	314.40	328.04	1572841	250	8062	3600	0	765	765	765	-5355	1576185	314.47
D	Sat 08-Nov-08	314.47	327.96	1576185	250	250	3600	0	765	765	765	-5950	1563443	314.19
	Sun 09-Nov-08	314.19	327.87	1563443	250	250	3600	0	765	765	765	-5950	1550701	313.90
	Mon 10-Nov-08	313.90	327.79	1550701	250	7228	3600	0	765	765	765	-5950	1551796	313.93
	Tue 11-Nov-08	313.93	327.70	1551796	250	7228	3600	0	765	765	765	-5950	1552891	313.95
	Wed 12-Nov-08	313.95	327.62	1552891	250	7228	3600	0	765	765	765	-5950	1553986	313.98
	Thu 13-Nov-08	313.98	327.53	1553986	250	7228	3600	0	765	765	765	-5950	1555082	314.00
	Fri 14-Nov-08	314.00	327.45	1555082	250	7228	3600	0	765	765	765	-5950	1556177	314.03

	SOP POOL (FT-MSL)	RULE CURVE (FT-MSL)	STARTING STORAGE (AC-FT)	LOCAL IN (CFS)	TOTAL IN (CFS)	TOTAL OUT (CFS)	TOTAL SPILL (CFS)	EST GEN (MWH)	MIN GEN (MWH)	MAX GEN (MWH)	EST PUMP (AC-FT)	ENDING STORAGE (AC-FT)	ENDING POOL (FT-MSL)	HART Gen/Q	RBR Gen/Q	THUR Gen/Q
				-39	-309	366	3609	802	0.22							
Weekly Generation Totals --->				5810	10040	5355		21205	26284		26284	-5079	-5.61	70 unit-hours = Next Weeks Pumping		
for week beginning			Sat 8-Nov	Hartwell	Russell	Thurmond		Total	Target		Contract	Short	Pool Balance			
Weekly Average Discharge				2846	4984	3600										
Current Week Gen Totals				7270	11000	5404		**23674** Originally Sche						52 unit-hours = Current Week Pumping		
for week beginning			Sat 1-Nov	7098	11000	5580		23678 Observed/Projected								
Weekly Average Discharge				3474	5447	3621		-4 Observed/Projected Short								

REMARKS:

SEPA: RUN THE DECLARED WEEKLY TOTALS FOR EACH PROJECT. STAY WITHIN THE WEEKLY MAXIMUM AND MINIMUM DAILY GENERATION TOTALS.
(ACTUAL weekly total GENERATION needs to be EQUAL to the USACE DECLARED weekly total GENERATION).
June-Sept Pre-Pump Gen- (6 unit hours), w/each unit-hour not less than 60 MW, within 12 hours of pumping.

SEPA, please call if you cannot stay within Upper and Lower Limits.

NOTE: Discharge at Thurmond of 3300 cfs ASSUMES approval of a temporary flow reduction Environmen

Note: Thurmond 3300 cfs daily average minimum takes priority over the minimum daily generation

Please ensure that schedule does not allow Thurmond daily average discharge to go below 3300

Week Beginning 8 November will transition to 3100 cfs minimum at

NOTE:80 PUMP-HOURS REQUIRED. 70 UNIT-HOURS PUMPING IS REQUESTED FOR WEEK BEGINNING 11/8/2008

(Sunset/Sunrise Calculation) http://aa.usno.navy.mil/data/docs/RS_OneYear.html

Hourly Pumping Schedule

Start	End	Unit-Hour
Wed 11/05 18:00 CST	Thu 11/06 04:00 CST	0
Thu 11/06 18:00 CST	Fri 11/07 04:00 CST	9
Fri 11/07 18:00 CST	Sat 11/08 04:00 CST	9
Sat 11/08 18:00 CST	Sun 11/09 04:00 CST	10
Sun 11/09 18:00 CST	Mon 11/10 04:00 CST	10
Mon 11/10 18:00 CST	Tue 11/11 04:00 CST	10
Tue 11/11 18:00 CST	Wed 11/12 04:00 CST	10
Wed 11/12 18:00 CST	Thu 11/13 05:00 CST	10
Thu 11/13 18:00 CST	Fri 11/14 05:00 CST	10
Fri 11/14 18:00 CST	Sat 11/15 05:00 CST	10

To: SEPA
To: CESAD
From: (CESAS-EN-HA)

1 Week
Declaration
SAVANNAH RIVER SYSTEM
Revised 11/12/2008 12:05

1 Reset=0

Approximate Usable Pump Window 11.00 HRS
0.00
10.00 HART Target 660.00
10.00 RBR Target 471.00
JST Target 330.00
Hdecay Rdecay Tdecay

	SOP POOL (FT-MSL)	RULE CURVE (FT-MSL)	STARTING STORAGE (AC-FT)	LOCAL IN (CFS)	TOTAL IN (CFS)	TOTAL OUT (CFS)	TOTAL SPILL (CFS)	EST GEN (MWH)	DAILY TOTAL MIN GEN (MWH)	DAILY TOTAL MAX GEN (MWH)	EST PUMP (AC-FT)	ENDING STORAGE (AC-FT)	COMP ENDING POOL (FT-MSL)	PUMP HR	PUMP CFS	AVL UNITS
HARTWELL																
Wed 05-Nov-08	640.10	658.21	1623526	-609	644	5189	0	1510			n/a	1614499	639.86			
Thu 06-Nov-08	639.82	658.13	1613159	-441	-191	5253	0	1529			n/a	1602348	639.53			
Fri 07-Nov-08	639.61	658.04	1605146	498	748	2813	0	797			n/a	1601045	639.50			
Sat 08-Nov-08	639.56	657.96	1603239	125	375	0	0	0			n/a	1603985	639.58			
Sun 09-Nov-08	639.58	657.87	1604123	125	375	0	0	0			n/a	1604868	639.60			
Mon 10-Nov-08	639.46	657.79	1599628	167	417	4171	0	1175			n/a	1592172	639.26			
Tue 11-Nov-08	639.22	657.70	1590808	-556	-306	5325	0	1520	*0*	*50*	n/a	1579624	638.92			
Wed 12-Nov-08	638.92	657.62	1579624	31	281	4068	0	1168	1168	1218	n/a	1572103	638.72	0.25	0.10	0.10
Thu 13-Nov-08	638.72	657.53	1572103	17	267	2380	0	683	683	733	n/a	1567906	638.60	0.10	0.25	0.25
Fri 14-Nov-08	638.60	657.45	1567906	3	253	2380	0	683	683	733	n/a	1563681	638.49	0.50	0.50	0.50
Sat 15-Nov-08	638.49	657.36	1563681	-47	203	0	0	0	0	50	n/a	1564084	638.50			
Sun 16-Nov-08	638.50	657.28	1564084	-50	200	0	0	0	0	50	n/a	1564481	638.51			
Mon 17-Nov-08	638.51	657.19	1564481	-50	200	2380	0	683	683	733	n/a	1560151	638.39			
Tue 18-Nov-08	638.39	657.11	1560151	-50	200	2380	0	683	683	733	n/a	1555822	638.27			
Wed 19-Nov-08	638.27	657.02	1555822	-50	200	2380	0	683	683	733	n/a	1551492	638.15			
Thu 20-Nov-08	638.15	656.94	1551492	-50	200	2380	0	683	683	733	n/a	1547163	638.03			
Fri 21-Nov-08	638.03	656.85	1547163	-50	200	2380	0	683	683	733	n/a	1542833	637.91			
				LOC	TOT			GEN	MIN	MAX						
RUSSELL																
Wed 05-Nov-08	471.57	475.00	0937752	-379	4809	7752	0	2254			4165	936073	471.50	7	1937	1
Thu 06-Nov-08	471.61	475.00	0938883	300	5553	4980	0	1446			4165	944186	471.82	7	1943	1
Fri 07-Nov-08	471.72	475.00	0941679	-460	2353	3920	0	1123			4165	942732	471.77	7	1943	1
Sat 08-Nov-08	471.81	475.00	0943949	-303	-303	0	0	0			4165	947512	471.96	7	1946	1
Sun 09-Nov-08	471.96	475.00	0947572	90	90	0	0	0			4165	951916	472.13	7	1937	1
Mon 10-Nov-08	472.00	475.00	0948659	-598	3572	7280	0	2105			4165	945461	471.87	7	1929	1
Tue 11-Nov-08	471.83	475.00	0944272	-485	4839	8667	0	2517	*50*	*50*	4165	940837	471.69	7	1927	1
Wed 12-Nov-08	471.69	475.00	0940837	-300	3768	7100	0	2057	2007	2107	4165	938384	471.59	7	1982	1
Thu 13-Nov-08	471.59	475.00	0938384	121	2501	5800	0	1680	1630	1730	4165	931832	471.33	7	1982	1
Fri 14-Nov-08	471.33	475.00	0931832	333	2713	5800	0	1680	1630	1730	4165	925703	471.08	7	1982	1
Sat 15-Nov-08	471.08	475.00	0925703	217	2199	0	0	0	0	0	4165	930069	471.26	7	1982	1
Sun 16-Nov-08	471.26	475.00	0930069	141	2123	0	0	0	0	0	4165	934285	471.43	7	1982	1
Mon 17-Nov-08	471.43	475.00	0934285	91	4453	5410	0	1567	1517	1617	4165	932384	471.35	7	1982	1
Tue 18-Nov-08	471.35	475.00	0932384	41	4403	5410	0	1567	1517	1617	4165	930383	471.27	7	1982	1
Wed 19-Nov-08	471.27	475.00	0930383	-9	4353	5410	0	1567	1517	1617	4165	928284	471.18	7	1982	1
Thu 20-Nov-08	471.18	475.00	0928284	-59	4303	5410	0	1567	1517	1617	4165	926085	471.09	7	1982	1
Fri 21-Nov-08	471.09	475.00	0926085	-109	4253	5410	0	1567	1517	1617	4165	923787	471.00	7	1982	1
				LOC	TOT			GEN	MIN	MAX				49		
THURMOND																
Wed 05-Nov-08	314.10	328.21	1559613	-619	7132	3605	0	801			-4165	1562293	314.16	0.29	0.29	0.22
Thu 06-Nov-08	314.16	328.13	1562012	1145	6125	3501	0	789			-4165	1562902	314.18	0.29	0.29	0.23
Fri 07-Nov-08	314.14	328.04	1561375	-44	3876	3522	0	795			-4165	1557763	314.06	0.28	0.29	0.23
Sat 08-Nov-08	314.05	327.96	1557156	771	771	3594	0	799			-4165	1547244	313.83	0.28	0.29	0.22
Sun 09-Nov-08	313.81	327.87	1546638	-5	-5	3508	0	788			-4165	1535357	313.56	0.28	0.29	0.22
Mon 10-Nov-08	313.68	327.79	1540750	398	7678	3705	0	807	*0*	*0*	-4165	1544315	313.76	0.28	0.29	0.22
Tue 11-Nov-08	313.82	327.70	1546919	431	9098	3538	0	787	*3600*	*3600*	-4165	1553630	313.97	0.29	0.29	0.22
Wed 12-Nov-08	313.97	327.62	1553630	400	7500	3600	0	802	772	772	-4165	1557050	314.05	0.29	0.29	0.22
Thu 13-Nov-08	314.05	327.53	1557050	803	6603	3600	0	772	772	772	-4165	1558691	314.08	0.29	0.29	0.22
Fri 14-Nov-08	314.08	327.45	1558691	2350	8149	3600	0	772	772	772	-4165	1563398	314.19	0.29	0.29	0.22
Sat 15-Nov-08	314.19	327.36	1563398	1997	1997	3600	0	772	772	772	-4165	1555906	314.02	0.29	0.29	0.22
Sun 16-Nov-08	314.02	327.28	1555906	1598	1598	3600	0	772	772	772	-4165	1547621	313.84	0.29	0.29	0.22
Mon 17-Nov-08	313.84	327.19	1547621	1278	6688	3600	0	772	772	772	-4165	1549431	313.88	0.29	0.29	0.22
Tue 18-Nov-08	313.88	327.11	1549431	1023	6433	3600	0	772	772	772	-4165	1550734	313.91	0.29	0.29	0.22
Wed 19-Nov-08	313.91	327.02	1550734	818	6228	3600	0	772	772	772	-4165	1551631	313.93	0.29	0.29	0.22
Thu 20-Nov-08	313.93	326.94	1551631	614	6024	3600	0	772	772	772	-4165	1552123	313.94	0.29	0.29	0.22
Fri 21-Nov-08	313.94	326.85	1552123	460	5870	3600	0	772	772	772	-4165	1552310	313.94	0.29	0.29	0.22

	SOP POOL (FT-MSL)	RULE CURVE (FT-MSL)	STARTING STORAGE (AC-FT)	LOCAL IN (CFS)	TOTAL IN (CFS)	TOTAL OUT (CFS)	TOTAL SPILL (CFS)	EST GEN (MWH)	MIN GEN (MWH)	MAX GEN (MWH)	EST PUMP (AC-FT)	ENDING STORAGE (AC-FT)	ENDING POOL (FT-MSL)	HART Gen/Q	RBR Gen/Q	THUR Gen/Q
				-99	-262	297	3568	795	0.22							
Weekly Generation Totals --->				3415	7835	5404		16654	26284		26284	-9630	-6.03	49 unit-hours = Next Weeks Pumping		
for week beginning		Sat 15-Nov		Hartwell	Russell	Thurmond		Total	Target		Contract	Short	Pool Balance			
Weekly Average Discharge				1700	3864	3600										
Current Week Gen Totals				5810	10040	5355		21205 Originally Sche						49 unit-hours = Current Week Pumping		
for week beginning		Sat 8-Nov		5229	10040	5527		20796 Observed/Projected								
Weekly Average Discharge				2618	4950	3592		409 Observed/Projected Short								

REMARKS:

SEPA: RUN THE DECLARED WEEKLY TOTALS FOR EACH PROJECT. STAY WITHIN THE WEEKLY MAXIMUM AND MINIMUM DAILY GENERATION TOTALS.
(ACTUAL weekly total GENERATION needs to be EQUAL to the USACE DECLARED weekly total GENERATION).
June-Sept Pre-Pump Gen- (6 unit hours), w/each unit-hour not less than 60 MW, within 12 hours of pumping.

SEPA, please call if you cannot stay within Upper and Lower Limits.
NOTE: Discharge at Thurmond of 3300 cfs ASSUMES approval of a temporary flow reduction Environme
Note: Thurmond 3300 cfs daily average minimum takes priority over the minimum daily generatio
Please ensure that schedule does not allow Thurmond daily average discharge to go below 330
Week Beginning 8 November will transition to 3100 cfs minimum a

NOTE:80 PUMP-HOURS REQUIRED. 49 UNIT-HOURS PUMPING IS REQUESTED FOR WEEK BEGINNING 11/15/2008

(Sunset/Sunrise Calculation) http://aa.usno.navy.mil/data/docs/RS_OneYear.html

Hourly Pumping Schedule

Start	End	Unit-Hours
Wed 11/12 18:00 CST	Thu 11/13 05:00 CST	7
Thu 11/13 18:00 CST	Fri 11/14 05:00 CST	7
Fri 11/14 18:00 CST	Sat 11/15 05:00 CST	7
Sat 11/15 18:00 CST	Sun 11/16 05:00 CST	7
Sun 11/16 18:00 CST	Mon 11/17 05:00 CST	7
Mon 11/17 18:00 CST	Tue 11/18 05:00 CST	7
Tue 11/18 18:00 CST	Wed 11/19 05:00 CST	7
Wed 11/19 18:00 CST	Thu 11/20 05:00 CST	7
Thu 11/20 18:00 CST	Fri 11/21 05:00 CST	7
Fri 11/21 18:00 CST	Sat 11/22 05:00 CST	7

To: SEPA
To: CESAD
From: (CESAS-EN-HA)

1 Week
Declaration
SAVANNAH RIVER SYSTEM
Revised 11/19/2008 9:51

1 Reset=0

Approximate Usable Pump Window 11.00 HRS
0.00
10.00 HART Target 660.00
10.00 RBR Target 470.00
JST Target 330.00
Hdecay Rdecay Tdecay

		SOP POOL (FT-MSL)	RULE CURVE (FT-MSL)	STARTING STORAGE (AC-FT)	LOCAL IN (CFS)	TOTAL IN (CFS)	TOTAL OUT (CFS)	TOTAL SPILL (CFS)	EST GEN (MWH)	DAILY TOTAL MIN GEN (MWH)	DAILY TOTAL MAX GEN (MWH)	EST PUMP (AC-FT)	ENDING STORAGE (AC-FT)	COMP ENDING POOL (FT-MSL)	PUMP HR	PUMP CFS	AVL UNITS
	Wed 12-Nov-08	638.98	657.62	1581722	-121	35	4216	0	1200			n/a	1573419	638.75			
	Thu 13-Nov-08	638.82	657.53	1575836	618	868	4007	0	1137			n/a	1569601	638.65			
	Fri 14-Nov-08	638.73	657.45	1572481	1402	1652	914	0	265			n/a	1573948	638.77			
	Sat 15-Nov-08	638.77	657.36	1574112	673	923	0	0	0			n/a	1575946	638.82			
H	Sun 16-Nov-08	638.80	657.28	1575333	489	739	0	0	0			n/a	1576799	638.84			
A	Mon 17-Nov-08	638.76	657.19	1573609	311	561	2408	0	687			n/a	1569942	638.66			
R	Tue 18-Nov-08	638.65	657.11	1569583	-273	-23	2562	0	739	*50*	*50*	n/a	1564449	638.51			
T	**Wed 19-Nov-08**	638.51	657.02	1564449	100	350	2760	0	788	738	838	n/a	1559663	638.38			
W	Thu 20-Nov-08	638.38	656.94	1559663	50	300	2095	0	598	548	648	n/a	1556098	638.28			
E	Fri 21-Nov-08	638.28	656.85	1556098	0	250	2095	0	598	548	648	n/a	1552433	638.18			
L	Sat 22-Nov-08	638.18	656.77	1552433	-50	200	0	0	0	0	50	n/a	1552831	638.19			
L	Sun 23-Nov-08	638.19	656.68	1552831	-50	200	0	0	0	0	50	n/a	1553228	638.20			
	Mon 24-Nov-08	638.20	656.60	1553228	-50	200	2500	0	714	664	764	n/a	1548660	638.08			
	Tue 25-Nov-08	638.08	656.51	1548660	-50	200	2500	0	714	664	764	n/a	1544092	637.95			
	Wed 26-Nov-08	637.95	656.43	1544092	-50	200	2500	0	714	664	764	n/a	1539524	637.82			
	Thu 27-Nov-08	637.82	656.34	1539524	-50	200	2500	0	714	664	764	n/a	1534957	637.69			
	Fri 28-Nov-08	637.69	656.26	1534957	-50	200	2500	0	714	664	764	n/a	1530389	**637.57**			
					LOC	TOT			GEN	MIN	MAX						
	Wed 12-Nov-08	471.66	475.00	0940109	-406	3810	7273	0	2108			4165	937396	471.55	7	1951	1
	Thu 13-Nov-08	471.59	475.00	0938395	-90	3917	6120	0	1762			4165	938184	471.58	7	1951	1
	Fri 14-Nov-08	471.48	475.00	0935606	725	1639	5602	0	1605			4165	931901	471.33	7	1950	1
	Sat 15-Nov-08	471.56	475.00	0937534	558	558	0	0	0			4165	942807	471.77	7	1955	1
	Sun 16-Nov-08	471.71	475.00	0941429	-59	-59	0	0	0			4165	945476	471.88	7	1951	1
R	Mon 17-Nov-08	471.66	475.00	0940213	-463	1945	5413	0	1563			4165	937490	471.56	7	1953	1
U	Tue 18-Nov-08	471.56	475.00	0937720	-688	1875	6088	0	1744	*50*	*50*	4165	933518	471.40	7	1948	1
S	**Wed 19-Nov-08**	471.40	475.00	0933518	-60	2700	5667	0	1632	1582	1682	4165	931790	471.33	7	1982	1
S	Thu 20-Nov-08	471.33	475.00	0931790	-110	1985	5029	0	1448	1398	1498	4165	925746	471.08	7	1982	1
E	Fri 21-Nov-08	471.08	475.00	0925746	-160	1935	5029	0	1448	1398	1498	4165	919602	470.83	7	1982	1
L	Sat 22-Nov-08	470.83	475.00	0919602	-216	-216	0	0	0	0	0	0	919173	470.81	0	0	1
L	Sun 23-Nov-08	470.81	475.00	0919173	-250	1732	0	0	0	0	0	4165	922612	470.95	7	1982	1
	Mon 24-Nov-08	470.95	475.00	0922612	-250	4232	6570	0	1892	1842	1942	4165	917969	470.76	7	1982	1
	Tue 25-Nov-08	470.76	475.00	0917969	-250	4232	6570	0	1892	1842	1942	4165	913325	470.57	7	1982	1
	Wed 26-Nov-08	470.57	475.00	0913325	-250	4232	6570	0	1892	1842	1942	4165	908682	470.38	7	1982	1
	Thu 27-Nov-08	470.38	475.00	0908682	-250	4232	6570	0	1892	1842	1942	4165	904038	470.19	7	1982	1
	Fri 28-Nov-08	470.19	475.00	0904038	-250	4232	6570	0	1892	1842	1942	4165	899395	**470.00**	7	1982	1
					LOC	TOT			GEN	MIN	MAX				**42**		
	Wed 12-Nov-08	313.96	327.62	1553144	1842	9115	3531	0	783			-4165	1559904	314.11	0.28	0.29	0.22
	Thu 13-Nov-08	314.01	327.53	1555262	-857	5264	3540	0	784			-4165	1554367	313.99	0.28	0.29	0.22
	Fri 14-Nov-08	314.26	327.45	1566512	7064	12666	3676	0	805			-4165	1580024	314.56	0.29	0.29	0.22
T	Sat 15-Nov-08	314.34	327.36	1570431	2602	2602	3599	0	796			-4165	1564141	314.20	0.29	0.29	0.22
H	Sun 16-Nov-08	314.11	327.28	1559856	-143	-143	3584	0	792			-4165	1548153	313.85	0.29	0.29	0.22
U	Mon 17-Nov-08	314.01	327.19	1555319	822	6235	3601	0	786	*0*	*0*	-4165	1556228	314.03	0.29	0.29	0.22
R	Tue 18-Nov-08	314.05	327.11	1557438	567	6655	3572	0	797	*3600*	*3600*	-4165	1559237	314.09	0.29	0.29	0.22
M	**Wed 19-Nov-08**	314.09	327.02	1559237	400	6067	3600	0	795	772	772	-4165	1559816	314.11	0.29	0.29	0.22
O	Thu 20-Nov-08	314.11	326.94	1559816	300	5329	3600	0	772	772	772	-4165	1558929	314.09	0.29	0.29	0.22
N	Fri 21-Nov-08	314.09	326.85	1558929	250	5279	3600	0	772	772	772	-4165	1557944	314.07	0.29	0.29	0.22
D	Sat 22-Nov-08	314.07	326.77	1557944	250	250	3600	0	772	772	772	0	1551152	313.91	0.29	0.29	0.22
	Sun 23-Nov-08	313.91	326.68	1551152	250	250	3600	0	772	772	772	-4165	1540195	313.67	0.29	0.29	0.22
	Mon 24-Nov-08	313.67	326.60	1540195	250	6820	3600	0	772	772	772	-4165	1542266	313.72	0.29	0.29	0.22
	Tue 25-Nov-08	313.72	326.51	1542266	250	6820	3600	0	772	772	772	-4165	1544338	313.76	0.29	0.29	0.22
	Wed 26-Nov-08	313.76	326.43	1544338	250	6820	3600	0	772	772	772	-4165	1546409	313.81	0.29	0.29	0.22
	Thu 27-Nov-08	313.81	326.34	1546409	250	6820	3600	0	772	772	772	-4165	1548480	313.86	0.29	0.29	0.22
	Fri 28-Nov-08	313.86	326.26	1548480	250	6820	3600	0	772	772	772	-4165	1550551	**313.90**	0.29	0.29	0.22

	SOP POOL (FT-MSL)	RULE CURVE (FT-MSL)	STARTING STORAGE (AC-FT)	LOCAL IN (CFS)	TOTAL IN (CFS)	TOTAL OUT (CFS)	TOTAL SPILL (CFS)	EST GEN (MWH)	MIN GEN (MWH)	MAX GEN (MWH)	EST PUMP (AC-FT)	ENDING STORAGE (AC-FT)	ENDING POOL (FT-MSL)	HART Gen/Q	RBR Gen/Q	THUR Gen/Q
				443	-60	1700	3586	792	0.22							
Weekly Generation Totals --->				3570	9460	5404		18434	26284		26284	-7850	-6.33	42 unit-hours = Next Weeks Pumping		
for week beginning			Sat 22-Nov	Hartwell	Russell	Thurmond		Total	Target		Contract	Short	Pool Balance			
Weekly Average Discharge				1786	4693	3600										
Current Week Gen Totals				3415	7835	5404		**16654** Originally Sche						49 unit-hours = Current Week Pumping		
for week beginning			Sat 15-Nov	3410	7835	5510		16755 Observed/Projected								
Weekly Average Discharge				1703	3889	3594		-101 Observed/Projected Short								

REMARKS:

SEPA: RUN THE DECLARED WEEKLY TOTALS FOR EACH PROJECT. STAY WITHIN THE WEEKLY MAXIMUM AND MINIMUM DAILY GENERATION TOTALS.
(ACTUAL weekly total GENERATION needs to be EQUAL to the USACE DECLARED weekly total GENERATION).
June-Sept Pre-Pump Gen- (6 unit hours), w/each unit-hour not less than 60 MW, within 12 hours of pumping.

SEPA, please call if you cannot stay within Upper and Lower Limits.

NOTE: Discharge at Thurmond of 3300 cfs ASSUMES approval of a temporary flow reduction Environme

Note: Thurmond 3600 cfs daily average minimum takes priority over the minimum daily generatio

Please ensure that schedule does not allow Thurmond daily average discharge to go below 360

Pump/Generation Moritorium at RBR Sat 22 Nov 12:00 - Sun 23

NOTE:80 PUMP-HOURS REQUIRED. 42 UNIT-HOURS PUMPING IS REQUESTED FOR WEEK BEGINNING 11/22/2008

(Sunset/Sunrise Calculation) http://aa.usno.navy.mil/data/docs/RS_OneYear.html

Hourly Pumping Schedule

Start	End	Unit-Hours
Wed 11/19 18:00 CST	Thu 11/20 05:00 CST	7
Thu 11/20 18:00 CST	Fri 11/21 05:00 CST	7
Fri 11/21 18:00 CST	Sat 11/22 05:00 CST	7
Sat 11/22 18:00 CST	Sun 11/23 05:00 CST	0
Sun 11/23 18:00 CST	Mon 11/24 05:00 CST	7
Mon 11/24 18:00 CST	Tue 11/25 05:00 CST	7
Tue 11/25 18:00 CST	Wed 11/26 05:00 CST	7
Wed 11/26 18:00 CST	Thu 11/27 05:00 CST	7
Thu 11/27 18:00 CST	Fri 11/28 05:00 CST	7
Fri 11/28 18:00 CST	Sat 11/29 05:00 CST	7

To: SEPA
To: CESAD
From: (CESAS-EN-HA)

1 Week
Declaration
SAVANNAH RIVER SYSTEM
Revised 11/26/2008 10:30

1 Reset=0

Approximate
Usable Pump Window 11.00 HRS
0.00
10.00 HART Target 660.00
10.00 RBR Target 470.00
JST Target 330.00

Project	Date	SOP POOL (FT-MSL)	RULE CURVE (FT-MSL)	STARTING STORAGE (AC-FT)	LOCAL IN (CFS)	TOTAL IN (CFS)	TOTAL OUT (CFS)	TOTAL SPILL (CFS)	EST GEN (MWH)	DAILY TOTAL MIN GEN (MWH)	DAILY TOTAL MAX GEN (MWH)	EST PUMP (AC-FT)	ENDING STORAGE (AC-FT)	COMP ENDING POOL (FT-MSL)	Hdecay	Rdecay	Tdecay
HARTWELL	Wed 19-Nov-08	638.51	657.02	1564475	650	852	2746	0	804			n/a	1560712	638.40			
	Thu 20-Nov-08	638.44	656.94	1562141	960	1210	2318	0	676			n/a	1559941	638.38			
	Fri 21-Nov-08	638.37	656.85	1559610	-542	-292	1739	0	481			n/a	1555576	638.26			
	Sat 22-Nov-08	638.33	656.77	1558131	119	369	0	0	0			n/a	1558864	638.35			
	Sun 23-Nov-08	638.36	656.68	1559061	304	554	0	0	0			n/a	1560161	638.39			
	Mon 24-Nov-08	638.31	656.60	1557093	498	748	2410	0	696			n/a	1553793	638.22			
	Tue 25-Nov-08	638.22	656.51	1554120	367	617	2464	0	701	*50*	*50*	n/a	1550452	638.12			
	Wed 26-Nov-08	638.12	656.43	1550452	100	350	4104	0	1180	1130	1230	n/a	1542997	637.92			
	Thu 27-Nov-08	637.92	656.34	1542997	50	300	1455	0	418	368	468	n/a	1540703	637.85			
	Fri 28-Nov-08	637.85	656.26	1540703	0	250	1465	0	421	371	471	n/a	1538290	637.79			0.10
	Sat 29-Nov-08	637.79	656.17	1538290	-50	200	0	0	0	0	50	n/a	1538687	637.80			
	Sun 30-Nov-08	637.80	656.09	1538687	-50	200	0	0	0	0	50	n/a	1539084	637.81			
	Mon 01-Dec-08	637.81	656.00	1539084	-50	200	3850	0	1107	1057	1157	n/a	1531835	637.61			
	Tue 02-Dec-08	637.61	656.00	1531835	-50	200	3850	0	1107	1057	1157	n/a	1524587	637.40			
	Wed 03-Dec-08	637.40	656.00	1524587	-50	200	3850	0	1107	1057	1157	n/a	1517338	637.20			
	Thu 04-Dec-08	637.20	656.00	1517338	-50	200	3850	0	1107	1057	1157	n/a	1510089	637.00			
	Fri 05-Dec-08	637.00	656.00	1510089	-50	200	3850	0	1107	1057	1157	n/a	1502840	636.79			
					LOC	TOT			GEN	MIN	MAX				PUMP HR	PUMP CFS	AVL UNITS
RUSSELL	Wed 19-Nov-08	471.37	475.00	0932959	-488	2259	5826	0	1662			4165	930038	471.26	7	1935	1
	Thu 20-Nov-08	471.29	475.00	0931007	-315	2003	4829	0	1378			4165	929558	471.24	7	1949	1
	Fri 21-Nov-08	471.25	475.00	0930027	-475	1265	4087	0	1179			4165	928587	471.20	7	1949	1
	Sat 22-Nov-08	470.97	475.00	0922895	-1035	-1035	4692	0	1338			2380	913901	470.60	4	1120	1
	Sun 23-Nov-08	470.86	475.00	0920284	285	285	0	0	0			1785	922636	470.95	3	831	1
	Mon 24-Nov-08	470.79	475.00	0918546	-337	2072	6271	0	1787			4165	914373	470.62	7	1966	1
	Tue 25-Nov-08	470.60	475.00	0913910	-764	1700	7123	0	2050	*50*	*50*	4165	907304	470.33	7	1967	1
	Wed 26-Nov-08	470.33	475.00	0907304	-60	4044	7683	0	2198	2148	2248	4165	904243	470.20	7	1982	1
	Thu 27-Nov-08	470.20	475.00	0904243	-110	1345	807	0	231	181	281	4165	905312	470.25	7	1982	1
	Fri 28-Nov-08	470.25	475.00	0905312	-160	1305	807	0	231	181	281	4165	906302	470.29	7	1982	1
	Sat 29-Nov-08	470.29	475.00	0906302	-216	1766	0	0	0	0	0	4165	909809	470.43	7	1982	1
	Sun 30-Nov-08	470.43	475.00	0909809	-250	1732	0	0	0	0	0	4165	913249	470.57	7	1982	1
	Mon 01-Dec-08	470.57	475.00	0913249	-250	5582	6990	0	2000	1950	2050	4165	910452	470.46	7	1982	1
	Tue 02-Dec-08	470.46	475.00	0910452	-250	5582	6990	0	2000	1950	2050	4165	907656	470.34	7	1982	1
	Wed 03-Dec-08	470.34	475.00	0907656	-250	5582	6990	0	2000	1950	2050	4165	904859	470.23	7	1982	1
	Thu 04-Dec-08	470.23	475.00	0904859	-250	5582	6990	0	2000	1950	2050	4165	902063	470.11	7	1982	1
	Fri 05-Dec-08	470.11	475.00	0902063	-250	5582	6990	0	2000	1950	2050	4165	899266	470.00	7	1982	1
					LOC	TOT			GEN	MIN	MAX				49		
THURMOND	Wed 19-Nov-08	314.07	327.02	1558206	-89	5738	3576	0	793			-4165	1558180	314.07	0.29	0.29	0.22
	Thu 20-Nov-08	314.07	326.94	1558300	690	5520	3571	0	794			-4165	1557851	314.06	0.29	0.29	0.22
	Fri 21-Nov-08	314.07	326.85	1558019	32	4119	3533	0	795			-4165	1554868	314.00	0.28	0.29	0.23
	Sat 22-Nov-08	314.03	326.77	1556238	658	5350	3549	0	796			-2380	1557280	314.05	0.28	0.29	0.22
	Sun 23-Nov-08	313.92	326.68	1551419	758	758	3560	0	787			-1785	1543929	313.75	0.28	0.29	0.22
	Mon 24-Nov-08	313.87	326.60	1549244	602	6873	3544	0	772	*0*	*0*	-4165	1551530	313.92	0.29	0.28	0.22
	Tue 25-Nov-08	313.98	326.51	1554250	-263	6860	3304	0	733	*3100*	*3600*	-4165	1556988	314.04	0.28	0.29	0.22
	Wed 26-Nov-08	314.04	326.43	1556988	400	8083	3300	0	733	708	708	-4165	1562159	314.16	0.29	0.29	0.22
	Thu 27-Nov-08	314.16	326.34	1562159	300	1107	3300	0	708	708	708	-4165	1553495	313.97	0.29	0.29	0.22
	Fri 28-Nov-08	313.97	326.26	1553495	569	1375	3300	0	708	708	708	-4165	1545365	313.79	0.29	0.29	0.22
	Sat 29-Nov-08	313.79	326.17	1545365	427	427	3300	0	708	708	708	-4165	1535353	313.56	0.29	0.29	0.22
	Sun 30-Nov-08	313.56	326.09	1535353	320	320	3300	0	708	708	708	-4165	1525129	313.34	0.29	0.29	0.22
	Mon 01-Dec-08	313.34	326.00	1525129	250	7240	3100	0	665	665	665	-4165	1529025	313.42	0.29	0.29	0.22
	Tue 02-Dec-08	313.42	326.00	1529025	250	7240	3100	0	665	665	665	-4165	1532920	313.51	0.29	0.29	0.22
	Wed 03-Dec-08	313.51	326.00	1532920	250	7240	3100	0	665	665	665	-4165	1536816	313.60	0.29	0.29	0.22
	Thu 04-Dec-08	313.60	326.00	1536816	250	7240	3100	0	665	665	665	-4165	1540712	313.68	0.29	0.29	0.22
	Fri 05-Dec-08	313.68	326.00	1540712	250	7240	3100	0	665	665	665	-4165	1544607	313.77	0.29	0.29	0.22
		SOP POOL (FT-MSL)	RULE CURVE (FT-MSL)	STARTING STORAGE (AC-FT)	LOCAL IN (CFS)	TOTAL IN (CFS)	TOTAL OUT (CFS)	TOTAL SPILL (CFS)	EST GEN (MWH)	MIN GEN (MWH)	MAX GEN (MWH)	EST PUMP (AC-FT)	ENDING STORAGE (AC-FT)	ENDING POOL (FT-MSL)	HART Gen/Q	RBR Gen/Q	THUR Gen/Q
					336	-447	341	3519	781	0.22							

Weekly Generation Totals --->		**5535**	**9970**	**4741**	**20246**	27104	27104	-6858	-6.98	49 unit-hours = Next Weeks Pumping
for week beginning	Sat 29-Nov	Hartwell	Russell	Thurmond	Total	Target	Contract	Short	Pool Balance	
Weekly Average Discharge		2750	4993	3157						
Current Week Gen Totals		3415	7835	5404	**16654** Originally Sche					42 unit-hours = Current Week Pumping
for week beginning	Sat 22-Nov	3417	7835	5236	16488 Observed/Projected					
Weekly Average Discharge		1700	3912	3408	166 Observed/Projected Short					

REMARKS:

SEPA: RUN THE DECLARED WEEKLY TOTALS FOR EACH PROJECT. STAY WITHIN THE WEEKLY MAXIMUM AND MINIMUM DAILY GENERATION TOTALS.
(ACTUAL weekly total GENERATION needs to be EQUAL to the USACE DECLARED weekly total GENERATION).
June-Sept Pre-Pump Gen- (6 unit hours), w/each unit-hour not less than 60 MW, within 12 hours of pumping.

SEPA, please call if you cannot stay within Upper and Lower Limits.
NOTE: Temporary discharge minimum at Thurmond of 3100 cfs with approval of Environmental Assessm
Note: Thurmond 3100 cfs daily average minimum takes priority over the minimum daily generatio
Please ensure that schedule does not allow Thurmond daily average discharge to go below 310

NOTE:80 PUMP-HOURS REQUIRED. 49 UNIT-HOURS PUMPING IS REQUESTED FOR WEEK BEGINNING 11/29/2008

(Sunset/Sunrise Calculation) http://aa.usno.navy.mil/data/docs/RS_OneYear.html

Hourly Pumping Schedule

Start	End	Unit-Hours
Wed 11/26 18:00 CST	Thu 11/27 05:00 CST	7
Thu 11/27 18:00 CST	Fri 11/28 05:00 CST	7
Fri 11/28 18:00 CST	Sat 11/29 05:00 CST	7
Sat 11/29 18:00 CST	Sun 11/30 05:00 CST	7
Sun 11/30 18:00 CST	Mon 12/01 05:00 CST	7
Mon 12/01 18:00 CST	Tue 12/02 05:00 CST	7
Tue 12/02 18:00 CST	Wed 12/03 05:00 CST	7
Wed 12/03 18:00 CST	Thu 12/04 05:00 CST	7
Thu 12/04 18:00 CST	Fri 12/05 05:00 CST	7
Fri 12/05 18:00 CST	Sat 12/06 05:00 CST	7

To: SEPA
To: CESAD
From: (CESAS-EN-HA)

1 Week
Declaration
SAVANNAH RIVER SYSTEM
Revised 12/2/2008 15:46

1 Reset=0

Approximate Usable Pump Window 11.00 HRS
0.00
10.00 HART Target 660.00
10.00 RBR Target 470.00
JST Target 330.00
Hdecay Rdecay Tdecay

		SOP POOL (FT-MSL)	RULE CURVE (FT-MSL)	STARTING STORAGE (AC-FT)	LOCAL IN (CFS)	TOTAL IN (CFS)	TOTAL OUT (CFS)	TOTAL SPILL (CFS)	EST GEN (MWH)	DAILY TOTAL MIN GEN (MWH)	DAILY TOTAL MAX GEN (MWH)	EST PUMP (AC-FT)	ENDING STORAGE (AC-FT)	COMP ENDING POOL (FT-MSL)	PUMP HR	PUMP CFS	AVL UNITS
	Wed 19-Nov-08	638.51	657.02	1564475	650	-335	2746	0	804			n/a	1558355	638.34			
	Thu 20-Nov-08	638.44	656.94	1562141	960	1210	2318	0	676			n/a	1559941	638.38			
	Fri 21-Nov-08	638.37	656.85	1559610	-542	-292	1739	0	481			n/a	1555576	638.26			
	Sat 22-Nov-08	638.33	656.77	1558131	119	369	0	0	0			n/a	1558864	638.35			
H	Sun 23-Nov-08	638.36	656.68	1559061	304	554	0	0	0			n/a	1560161	638.39			
A	Mon 24-Nov-08	638.31	656.60	1557093	498	748	2410	0	696			n/a	1553793	638.22			
R	Tue 25-Nov-08	638.22	656.51	1554120	367	617	2464	0	701	*50*	*50*	n/a	1550452	638.12			
T	**Wed 26-Nov-08**	638.03	656.43	1546861	100	17	4064	0	1155	1105	1205	n/a	1538824	637.80			
W	Thu 27-Nov-08	637.98	656.34	1545169	477	727	0	0	0	0	50	n/a	1546612	638.02			
E	Fri 28-Nov-08	638.03	656.26	1547166	1043	1293	0	0	0	0	50	n/a	1549733	638.10			0.10
L	Sat 29-Nov-08	638.14	656.17	1550933	1966	2216	0	0	0	0	50	n/a	1555333	638.26			
L	Sun 30-Nov-08	638.26	656.09	1555263	1597	1847	0	0	0	0	50	n/a	1558931	638.36			
	Mon 01-Dec-08	638.22	656.00	1553784	846	1096	3682	0	1064	1014	1114	n/a	1548650	638.08			
	Tue 02-Dec-08	638.08	656.00	1548650	550	800	3192	0	918	868	968	n/a	1543899	637.94			
	Wed 03-Dec-08	637.94	656.00	1543899	358	608	2085	0	600	550	650	n/a	1540965	637.86			
	Thu 04-Dec-08	637.86	656.00	1540965	232	482	2085	0	600	550	650	n/a	1537783	637.77			
	Fri 05-Dec-08	637.77	656.00	1537783	151	401	2085	0	600	550	650	n/a	1534438	**637.68**			
					LOC	TOT			GEN	MIN	MAX						
	Wed 19-Nov-08	471.37	475.00	0932959	-488	2259	5826	0	1662			4165	930038	471.26	7	1935	1
	Thu 20-Nov-08	471.29	475.00	0931007	-315	2003	4829	0	1378			4165	929558	471.24	7	1949	1
	Fri 21-Nov-08	471.25	475.00	0930027	-475	1265	4087	0	1179			4165	928587	471.20	7	1949	1
	Sat 22-Nov-08	470.97	475.00	0922895	-1035	-1035	4692	0	1338			2380	913901	470.60	4	1120	1
	Sun 23-Nov-08	470.86	475.00	0920284	285	285	0	0	0			1785	922636	470.95	3	831	1
R	Mon 24-Nov-08	470.79	475.00	0918546	-337	2072	6271	0	1787			4165	914373	470.62	7	1966	1
U	Tue 25-Nov-08	470.60	475.00	0913910	-764	1700	7123	0	2050	*50*	*50*	4165	907304	470.33	7	1967	1
S	**Wed 26-Nov-08**	470.38	475.00	0908632	-60	3835	7093	0	2032	1982	2082	4165	906326	470.29	7	1903	1
S	Thu 27-Nov-08	470.23	475.00	0904860	-575	-575	2981	0	838	788	888	4165	897797	469.93	7	1961	1
E	Fri 28-Nov-08	470.18	475.00	0903700	-227	-227	2835	0	785	735	835	4165	897619	469.93	7	1961	1
L	Sat 29-Nov-08	470.30	475.00	0906557	1461	1461	0	0	0	0	0	4165	909458	470.42	7	1970	1
L	Sun 30-Nov-08	470.57	475.00	0913117	836	836	0	0	0	0	0	3570	914777	470.63	6	1871	1
	Mon 01-Dec-08	470.59	475.00	0913645	223	3904	6880	0	1970	1920	2020	2380	907737	470.35	4	1122	1
	Tue 02-Dec-08	470.35	475.00	0907737	145	3337	5225	0	1495	1445	1545	0	903986	470.19	0	0	1
	Wed 03-Dec-08	470.19	475.00	0903986	94	2179	2950	0	844	794	894	0	902455	470.13	0	0	1
	Thu 04-Dec-08	470.13	475.00	0902455	44	2129	2880	0	824	774	874	0	900964	470.07	0	0	1
	Fri 05-Dec-08	470.07	475.00	0900964	-6	2079	2880	0	824	774	874	0	899373	**470.00**	0	0	1
					LOC	TOT			GEN	MIN	MAX				**17**		
	Wed 19-Nov-08	314.07	327.02	1558206	-89	5738	3576	0	793			-4165	1558180	314.07	0.29	0.29	0.22
	Thu 20-Nov-08	314.07	326.94	1558300	690	5520	3571	0	794			-4165	1557851	314.06	0.29	0.29	0.22
	Fri 21-Nov-08	314.07	326.85	1558019	32	4119	3533	0	795			-4165	1554868	314.00	0.28	0.29	0.23
T	Sat 22-Nov-08	314.03	326.77	1556238	658	5350	3549	0	796			-2380	1557280	314.05	0.28	0.29	0.22
H	Sun 23-Nov-08	313.92	326.68	1551419	758	758	3560	0	787			-1785	1543929	313.75	0.28	0.29	0.22
U	Mon 24-Nov-08	313.87	326.60	1549244	602	6873	3544	0	772	*0*	*0*	-4165	1551530	313.92	0.29	0.28	0.22
R	Tue 25-Nov-08	313.98	326.51	1554250	-263	6860	3304	0	733	*3100*	*3600*	-4165	1556988	314.04	0.28	0.29	0.22
M	**Wed 26-Nov-08**	314.07	326.43	1558150	400	7651	3478	0	779	746	746	-4165	1562113	314.16	0.28	0.29	0.22
O	Thu 27-Nov-08	314.10	326.34	1559537	664	3645	3274	0	733	733	702	-4165	1555960	314.02	0.28	0.28	0.23
N	Fri 28-Nov-08	313.98	326.26	1553931	322	3157	3240	0	730	730	695	-4165	1549453	313.88	0.28	0.28	0.23
D	Sat 29-Nov-08	313.97	326.17	1553481	4792	4792	3276	0	733	733	703	-4165	1552173	313.94	0.28	0.28	0.23
	Sun 30-Nov-08	314.05	326.09	1557143	8339	8339	3289	0	730	730	705	-3570	1563438	314.19	0.28	0.28	0.23
	Mon 01-Dec-08	314.18	326.00	1562988	2832	9711	3140	0	685	685	673	-2380	1573490	314.41	0.29	0.29	0.23
	Tue 02-Dec-08	314.41	326.00	1573490	2407	7632	3100	0	665	665	665	0	1582329	314.61	0.29	0.29	0.22
	Wed 03-Dec-08	314.61	326.00	1582329	2046	4996	3100	0	665	665	665	0	1585940	314.69	0.29	0.29	0.22
	Thu 04-Dec-08	314.69	326.00	1585940	1739	4619	3100	0	665	665	665	0	1588804	314.75	0.29	0.29	0.22
	Fri 05-Dec-08	314.75	326.00	1588804	1391	4271	3100	0	665	665	665	0	1590978	**314.80**	0.29	0.29	0.22

	SOP POOL (FT-MSL)	RULE CURVE (FT-MSL)	STARTING STORAGE (AC-FT)	LOCAL IN (CFS)	TOTAL IN (CFS)	TOTAL OUT (CFS)	TOTAL SPILL (CFS)	EST GEN (MWH)	MIN GEN (MWH)	MAX GEN (MWH)	EST PUMP (AC-FT)	ENDING STORAGE (AC-FT)	ENDING POOL (FT-MSL)	HART Gen/Q	RBR Gen/Q	THUR Gen/Q
				336	-447	341	3519	781	0.22							
Weekly Generation Totals --->				**3782**	**5957**	**4808**		**14547**	27104		27104	-12557	-7.12	17 unit-hours = Next Weeks Pumping		
for week beginning			Sat 29-Nov	Hartwell	Russell	Thurmond		Total	Target		Contract	Short	Pool Balance			
Weekly Average Discharge				1876	2974	3158										
Current Week Gen Totals				**3415**	**7835**	**5404**		**16654** Originally Sche						42 unit-hours = Current Week Pumping		
for week beginning			Sat 22-Nov	2552	8830	5330		16712 Observed/Projected								
Weekly Average Discharge				1277	4428	3421		-58 Observed/Projected Short								

REMARKS:

SEPA: RUN THE DECLARED WEEKLY TOTALS FOR EACH PROJECT. STAY WITHIN THE WEEKLY MAXIMUM AND MINIMUM DAILY GENERATION TOTALS.
(ACTUAL weekly total GENERATION needs to be EQUAL to the USACE DECLARED weekly total GENERATION).
June-Sept Pre-Pump Gen- (6 unit hours), w/each unit-hour not less than 60 MW, within 12 hours of pumping.

SEPA, please call if you cannot stay within Upper and Lower Limits.
NOTE: Temporary discharge minimum at Thurmond of 3100 cfs with approval of Environmental Assessm
Note: Thurmond 3100 cfs daily average minimum takes priority over the minimum daily generatio
Please don't allow Thurmond daily average discharge to go below 3100 cfs

NOTE:80 PUMP-HOURS REQUIRED. 14 UNIT-HOURS PUMPING IS REQUESTED FOR WEEK BEGINNING 11/29/2008

(Sunset/Sunrise Calculation) http://aa.usno.navy.mil/data/docs/RS_OneYear.html

Hourly Pumping Schedule

Start	End	Unit-Hours
Wed 11/26 18:00 CST	Thu 11/27 05:00 CST	7
Thu 11/27 18:00 CST	Fri 11/28 05:00 CST	7
Fri 11/28 18:00 CST	Sat 11/29 05:00 CST	7
Sat 11/29 18:00 CST	Sun 11/30 05:00 CST	7
Sun 11/30 18:00 CST	Mon 12/01 05:00 CST	7
Mon 12/01 18:00 CST	Tue 12/02 05:00 CST	0
Tue 12/02 18:00 CST	Wed 12/03 05:00 CST	0
Wed 12/03 18:00 CST	Thu 12/04 05:00 CST	0
Thu 12/04 18:00 CST	Fri 12/05 05:00 CST	0
Fri 12/05 18:00 CST	Sat 12/06 05:00 CST	0

To: SEPA
To: CESAD
From: (CESAS-EN-HA)

1 Week
Declaration
SAVANNAH RIVER SYSTEM
Revised 12/10/2008 12:30

1 Reset=0

Approximate Usable Pump Window 11.00 HRS
0.00
10.00 HART Target 660.00
10.00 RBR Target 470.00
JST Target 330.00

		SOP POOL (FT-MSL)	RULE CURVE (FT-MSL)	STARTING STORAGE (AC-FT)	LOCAL IN (CFS)	TOTAL IN (CFS)	TOTAL OUT (CFS)	TOTAL SPILL (CFS)	EST GEN (MWH)	DAILY TOTAL MIN GEN (MWH)	DAILY TOTAL MAX GEN (MWH)	EST PUMP (AC-FT)	ENDING STORAGE (AC-FT)	COMP ENDING POOL (FT-MSL)	Hdecay	Rdecay	Tdecay
	Wed 03-Dec-08	637.93	656.00	1543498	250	1139	2306	0	667			n/a	1541181	637.87			
	Thu 04-Dec-08	637.85	656.00	1540351	569	819	2445	0	696			n/a	1537123	637.75			
	Fri 05-Dec-08	637.74	656.00	1536667	396	646	2453	0	700			n/a	1533079	637.64			
	Sat 06-Dec-08	637.72	656.00	1536025	800	1050	147	0	40			n/a	1537819	637.77			
H	Sun 07-Dec-08	637.74	656.00	1536637	-56	194	374	0	98			n/a	1536278	637.73			
A	Mon 08-Dec-08	637.66	656.00	1533609	356	606	3135	0	906			n/a	1528587	637.52			
R	Tue 09-Dec-08	637.53	656.00	1529223	-19	231	2218	0	638	*50*	*50*	n/a	1525277	637.42			
T	**Wed 10-Dec-08**	637.42	656.00	1525277	9600	9850	2277	0	652	602	702	n/a	1540317	637.84	2.50	2.00	1.75
W	Thu 11-Dec-08	637.84	656.00	1540317	7840	8090	1240	0	355	305	405	n/a	1553921	638.22	1.00	0.75	0.75
E	Fri 12-Dec-08	638.22	656.00	1553921	2630	2880	1090	0	312	262	362	n/a	1557477	638.32			
L	Sat 13-Dec-08	638.32	656.00	1557477	1973	2223	0	0	0	0	50	n/a	1561891	638.44			
L	Sun 14-Dec-08	638.44	656.00	1561891	1184	1434	0	0	0	0	50	n/a	1564738	638.51			
	Mon 15-Dec-08	638.51	656.00	1564738	710	960	1400	0	401	351	451	n/a	1563865	638.49			
	Tue 16-Dec-08	638.49	656.00	1563865	462	712	1400	0	401	351	451	n/a	1562497	638.45			
	Wed 17-Dec-08	638.45	656.00	1562497	300	550	1400	0	401	351	451	n/a	1560809	638.41			
	Thu 18-Dec-08	638.41	656.00	1560809	200	450	1400	0	401	351	451	n/a	1558923	638.36			
	Fri 19-Dec-08	638.36	656.00	1558923	200	450	1400	0	401	351	451	n/a	1557036	**638.30**			
					LOC	TOT			GEN	MIN	MAX				PUMP HR	PUMP CFS	AVL UNITS
	Wed 03-Dec-08	470.18	475.00	0903629	-79	2227	3453	0	979			0	901193	470.08	0	0	1
	Thu 04-Dec-08	470.15	475.00	0903085	439	2884	2766	0	791			0	903318	470.16	0	0	1
	Fri 05-Dec-08	470.19	475.00	0903912	180	2633	3003	0	860			0	903176	470.16	0	0	1
	Sat 06-Dec-08	470.19	475.00	0904083	-24	122	0	0	0			0	904326	470.20	0	0	1
	Sun 07-Dec-08	470.22	475.00	0904646	136	510	0	0	0			0	905659	470.26	0	0	1
R	Mon 08-Dec-08	470.28	475.00	0906072	23	3158	2301	0	649			0	907774	470.35	0	0	1
U	Tue 09-Dec-08	470.30	475.00	0906537	-46	2171	2541	0	716	*50*	*50*	0	905802	470.27	0	0	1
S	**Wed 10-Dec-08**	470.27	475.00	0905802	5600	7877	3490	0	991	941	1041	0	914515	470.62	0	0	1
S	Thu 11-Dec-08	470.62	475.00	0914515	7013	8253	800	0	227	177	277	0	929317	471.23	0	0	1
E	Fri 12-Dec-08	471.23	475.00	0929317	2704	3794	800	0	227	177	277	0	935262	471.47	0	0	1
L	Sat 13-Dec-08	471.47	475.00	0935262	2163	2163	0	0	0	0	0	0	939558	471.64	0	0	1
L	Sun 14-Dec-08	471.64	475.00	0939558	1730	1730	0	0	0	0	0	0	942994	471.78	0	0	1
	Mon 15-Dec-08	471.78	475.00	0942994	1125	2525	6400	0	1818	1768	1868	0	935298	471.47	0	0	1
	Tue 16-Dec-08	471.47	475.00	0935298	731	2131	6400	0	1818	1768	1868	0	926820	471.12	0	0	1
	Wed 17-Dec-08	471.12	475.00	0926820	512	1912	6400	0	1818	1768	1868	0	917906	470.76	0	0	1
	Thu 18-Dec-08	470.76	475.00	0917906	358	1758	6390	0	1815	1765	1865	0	908707	470.39	0	0	1
	Fri 19-Dec-08	470.39	475.00	0908707	251	1651	6390	0	1815	1765	1865	0	899295	**470.00**	0	0	1
					LOC	TOT			GEN	MIN	MAX				0		
	Wed 03-Dec-08	314.54	326.00	1579169	1214	4668	3078	0	682			0	1582172	314.60	0.29	0.28	0.22
	Thu 04-Dec-08	314.58	326.00	1580912	1034	3800	3119	0	685			0	1582115	314.60	0.28	0.29	0.22
	Fri 05-Dec-08	314.59	326.00	1581475	523	3526	3072	0	680			0	1582227	314.61	0.29	0.29	0.22
T	Sat 06-Dec-08	314.54	326.00	1579469	1334	1334	3151	0	692			0	1575718	314.46	0.27	0.29	0.22
H	Sun 07-Dec-08	314.45	326.00	1575344	-57	-57	3122	0	696			0	1568891	314.31	0.26	0.29	0.22
U	Mon 08-Dec-08	314.37	326.00	1571706	290	2591	3046	0	685	*0*	*0*	0	1570657	314.35	0.29	0.28	0.22
R	Tue 09-Dec-08	314.37	326.00	1571650	325	2867	3094	0	688	*3100*	*3100*	0	1571051	314.36	0.29	0.28	0.22
M	**Wed 10-Dec-08**	314.36	326.00	1571051	11600	15090	3100	0	687	665	665	0	1594678	314.88	0.29	0.28	0.22
O	Thu 11-Dec-08	314.88	326.00	1594678	6844	7644	3100	0	665	665	665	0	1603540	315.07	0.29	0.28	0.22
N	Fri 12-Dec-08	315.07	326.00	1603540	3433	4233	3100	0	665	665	665	0	1605639	315.11	0.29	0.28	0.22
D	Sat 13-Dec-08	315.11	326.00	1605639	2403	2403	3100	0	665	665	665	0	1604108	315.08	0.29	0.28	0.22
	Sun 14-Dec-08	315.08	326.00	1604108	2043	2043	3100	0	665	665	665	0	1601863	315.04	0.29	0.28	0.22
	Mon 15-Dec-08	315.04	326.00	1601863	1736	8136	3100	0	665	665	665	0	1611701	315.23	0.29	0.28	0.22
	Tue 16-Dec-08	315.23	326.00	1611701	1215	7615	3100	0	665	665	665	0	1620506	315.39	0.29	0.28	0.22
	Wed 17-Dec-08	315.39	326.00	1620506	851	7251	3100	0	665	665	665	0	1628589	315.55	0.29	0.28	0.22
	Thu 18-Dec-08	315.55	326.00	1628589	638	7028	3100	0	665	665	665	0	1636229	315.70	0.29	0.28	0.22
	Fri 19-Dec-08	315.70	326.00	1636229	479	6869	3100	0	665	665	665	0	1643554	**315.84**	0.29	0.28	0.22

	SOP POOL (FT-MSL)	RULE CURVE (FT-MSL)	STARTING STORAGE (AC-FT)	LOCAL IN (CFS)	TOTAL IN (CFS)	TOTAL OUT (CFS)	TOTAL SPILL (CFS)	EST GEN (MWH)	MIN GEN (MWH)	MAX GEN (MWH)	EST PUMP (AC-FT)	ENDING STORAGE (AC-FT)	ENDING POOL (FT-MSL)	HART Gen/Q	RBR Gen/Q	THUR Gen/Q
				328	90	666	3097	687	0.22							
Weekly Generation Totals --->				2005	9054	4655		15714	27104		27104	-11390	-7.53	0 unit-hours = Next Weeks Pumping		
for week beginning			Sat 13-Dec	Hartwell	Russell	Thurmond		Total	Target		Contract	Short	Pool Balance			
Weekly Average Discharge				1000	4569	3100										
Current Week Gen Totals				3000	2405	4655		**10060** Originally Sche						0 unit-hours = Current Week Pumping		
for week beginning			Sat 6-Dec	3001	2811	4779		10591 Observed/Projected								
Weekly Average Discharge				1497	1419	3102		-531 Observed/Projected Short								

REMARKS:

SEPA: RUN THE DECLARED WEEKLY TOTALS FOR EACH PROJECT. STAY WITHIN THE WEEKLY MAXIMUM AND MINIMUM DAILY GENERATION TOTALS.
(ACTUAL weekly total GENERATION needs to be EQUAL to the USACE DECLARED weekly total GENERATION).
June-Sept Pre-Pump Gen- (6 unit hours), w/each unit-hour not less than 60 MW, within 12 hours of pumping.

SEPA, please call if you cannot stay within Upper and Lower Limits.
NOTE: Temporary discharge minimum at Thurmond of 3100 cfs with approval of Environmental Assessm
Note: Thurmond 3100 cfs daily average minimum takes priority over the minimum daily generatio
Please don't allow Thurmond daily average discharge to go below 3100 cfs

NOTE:80 PUMP-HOURS REQUIRED. 0 UNIT-HOURS PUMPING IS REQUESTED FOR WEEK BEGINNING 12/13/2008

(Sunset/Sunrise Calculation) http://aa.usno.navy.mil/data/docs/RS_OneYear.html

Hourly Pumping Schedule

Start	End	Unit-Hours
Wed 12/10 18:00 CST	Thu 12/11 05:00 CST	0
Thu 12/11 18:00 CST	Fri 12/12 05:00 CST	0
Fri 12/12 18:00 CST	Sat 12/13 05:00 CST	0
Sat 12/13 18:00 CST	Sun 12/14 05:00 CST	0
Sun 12/14 18:00 CST	Mon 12/15 05:00 CST	0
Mon 12/15 18:00 CST	Tue 12/16 05:00 CST	0
Tue 12/16 18:00 CST	Wed 12/17 05:00 CST	0
Wed 12/17 18:00 CST	Thu 12/18 05:00 CST	0
Thu 12/18 18:00 CST	Fri 12/19 05:00 CST	0
Fri 12/19 18:00 CST	Sat 12/20 05:00 CST	0

To: SEPA
To: CESAD
From: (CESAS-EN-HA)

1 Week
Declaration
SAVANNAH RIVER SYSTEM
Revised 12/17/2008 10:56

1 Reset=0

Approximate Usable Pump Window 11.00 HRS
0.00
10.00 HART Target 660.00
10.00 RBR Target 470.00
JST Target 330.00
Hdecay Rdecay Tdecay

		SOP POOL (FT-MSL)	RULE CURVE (FT-MSL)	STARTING STORAGE (AC-FT)	LOCAL IN (CFS)	TOTAL IN (CFS)	TOTAL OUT (CFS)	TOTAL SPILL (CFS)	EST GEN (MWH)	DAILY TOTAL MIN GEN (MWH)	DAILY TOTAL MAX GEN (MWH)	EST PUMP (AC-FT)	ENDING STORAGE (AC-FT)	COMP ENDING POOL (FT-MSL)
	Wed 10-Dec-08	637.60	656.00	1531655	5941	863	2036	0	592			n/a	1529324	637.54
	Thu 11-Dec-08	637.92	656.00	1543066	8613	8863	2316	0	671			n/a	1556068	638.28
	Fri 12-Dec-08	638.26	656.00	1555248	5644	5894	1831	0	540			n/a	1563317	638.48
	Sat 13-Dec-08	638.36	656.00	1558985	1781	2031	0	0	0			n/a	1563019	638.47
H	Sun 14-Dec-08	638.48	656.00	1563453	1966	2216	0	0	0			n/a	1567854	638.60
A	Mon 15-Dec-08	638.59	656.00	1567433	1961	2216	0	0	0			n/a	1571834	638.71
R	Tue 16-Dec-08	638.70	656.00	1571383	2151	2401	0	0	0	*50*	*50*	n/a	1576150	638.83
T	**Wed 17-Dec-08**	638.83	656.00	1576150	1828	2078	0	0	0	0	50	n/a	1580277	638.94
W	Thu 18-Dec-08	638.94	656.00	1580277	1280	1530	0	0	0	0	50	n/a	1583315	639.02
E	Fri 19-Dec-08	639.02	656.00	1583315	896	1146	0	0	0	0	50	n/a	1585591	639.08
L	Sat 20-Dec-08	639.08	656.00	1585591	1798	2492	0	0	0	0	50	n/a	1590540	639.22
L	Sun 21-Dec-08	639.22	656.00	1590540	1259	1953	0	0	0	0	50	n/a	1594418	639.32
	Mon 22-Dec-08	639.32	656.00	1594418	881	1575	0	0	0	0	50	n/a	1597547	639.40
	Tue 23-Dec-08	639.40	656.00	1597547	661	1355	0	0	0	0	50	n/a	1600237	639.48
	Wed 24-Dec-08	639.48	656.00	1600237	500	1194	0	0	0	0	50	n/a	1602609	639.54
	Thu 25-Dec-08	639.54	656.00	1602609	500	1194	0	0	0	0	50	n/a	1604980	639.60
	Fri 26-Dec-08	639.60	656.00	1604980	500	1194	0	0	0	0	50	n/a	1607351	639.67

					LOC	TOT			GEN	MIN	MAX			
	Wed 10-Dec-08	470.29	475.00	0906355	1631	3667	1828	0	528			0	910008	470.44
	Thu 11-Dec-08	470.63	475.00	0914754	5960	8277	2969	0	817			0	925295	471.06
	Fri 12-Dec-08	470.79	475.00	0918669	950	2781	4393	0	1225			0	915468	470.66
	Sat 13-Dec-08	470.66	475.00	0915436	249	249	1485	0	406			0	912981	470.56
	Sun 14-Dec-08	470.66	475.00	0915345	494	494	0	0	0			0	916326	470.70
R	Mon 15-Dec-08	470.48	475.00	0910953	-216	-216	4095	0	1128			1785	904178	470.20
U	Tue 16-Dec-08	470.36	475.00	0908116	-92	-92	3320	0	899	*50*	*50*	4760	906100	470.28
S	**Wed 17-Dec-08**	470.28	475.00	0906100	150	150	6054	0	1674	1624	1724	4760	899135	469.99
S	Thu 18-Dec-08	469.99	475.00	0899135	100	100	3240	0	896	846	946	4760	892899	469.73
E	Fri 19-Dec-08	469.73	475.00	0892899	50	50	3240	0	896	846	946	4760	886563	469.47
L	Sat 20-Dec-08	469.47	475.00	0886563	57	2322	0	0	0	0	0	4760	891176	469.66
L	Sun 21-Dec-08	469.66	475.00	0891176	7	2272	0	0	0	0	0	4760	895688	469.85
	Mon 22-Dec-08	469.85	475.00	0895688	-43	2222	1820	0	503	453	553	4760	896487	469.88
	Tue 23-Dec-08	469.88	475.00	0896487	-93	2172	1820	0	503	453	553	4760	897187	469.91
	Wed 24-Dec-08	469.91	475.00	0897187	-100	2165	1820	0	503	453	553	4760	897872	469.94
	Thu 25-Dec-08	469.94	475.00	0897872	-100	2165	1820	0	503	453	553	4760	898557	469.97
	Fri 26-Dec-08	469.97	475.00	0898557	-100	2165	1820	0	503	453	553	4760	899243	469.99

					LOC	TOT			GEN	MIN	MAX			
	Wed 10-Dec-08	314.47	326.00	1576244	8223	10051	3011	0	685			0	1590055	314.78
	Thu 11-Dec-08	315.32	326.00	1616640	28080	31049	1983	0	447			0	1674130	316.43
	Fri 12-Dec-08	316.44	326.00	1674815	17625	22018	403	0	78			0	1717528	317.26
T	Sat 13-Dec-08	317.03	326.00	1705365	10098	11584	1688	0	382			0	1724840	317.40
H	Sun 14-Dec-08	317.17	326.00	1712732	4025	4025	2983	0	683			0	1714649	317.20
U	Mon 15-Dec-08	317.27	326.00	1717780	2090	6185	2982	0	685	*0*	*0*	-1785	1722199	317.35
R	Tue 16-Dec-08	317.30	326.00	1719643	1949	5269	2962	0	685	*3100*	*3100*	-4760	1719310	317.29
M	**Wed 17-Dec-08**	317.29	326.00	1719310	1364	7418	3100	0	706	665	665	-4760	1722964	317.36
O	Thu 18-Dec-08	317.36	326.00	1722964	955	4195	3100	0	665	665	665	-4760	1720226	317.31
N	Fri 19-Dec-08	317.31	326.00	1720226	716	3956	3100	0	665	665	665	-4760	1717015	317.25
D	Sat 20-Dec-08	317.25	326.00	1717015	1358	1358	3100	0	665	665	665	-4760	1708652	317.09
	Sun 21-Dec-08	317.09	326.00	1708652	951	951	3100	0	665	665	665	-4760	1699481	316.91
	Mon 22-Dec-08	316.91	326.00	1699481	713	2533	3100	0	665	665	665	-4760	1693447	316.80
	Tue 23-Dec-08	316.80	326.00	1693447	535	2355	3100	0	665	665	665	-4760	1687060	316.67
	Wed 24-Dec-08	316.67	326.00	1687060	500	2320	3100	0	665	665	665	-4760	1680605	316.55
	Thu 25-Dec-08	316.55	326.00	1680605	500	2320	3100	0	665	665	665	-4760	1674149	316.43
	Fri 26-Dec-08	316.43	326.00	1674149	500	2320	3100	0	665	665	665	-4760	1667693	316.30

	SOP POOL (FT-MSL)	RULE CURVE (FT-MSL)	STARTING STORAGE (AC-FT)	LOCAL IN (CFS)	TOTAL IN (CFS)	TOTAL OUT (CFS)	TOTAL SPILL (CFS)	EST GEN (MWH)	MIN GEN (MWH)	MAX GEN (MWH)	EST PUMP (AC-FT)	ENDING STORAGE (AC-FT)	ENDING POOL (FT-MSL)
				4008	1282	10299	2287	521	0.23				
Weekly Generation Totals --->				0	2515	4655		7170	27104		27104	-19934	-6.63
for week beginning			Sat 20-Dec	Hartwell	Russell	Thurmond		Total	Target		Contract	Short	Pool Balance
Weekly Average Discharge				0	1300	3100							
Current Week Gen Totals				0	5717	4655							
for week beginning			Sat 13-Dec	0	5899	4472							
Weekly Average Discharge				0	3062	2845							

HART	RBR	THUR
Gen/Q	Gen/Q	Gen/Q
56 unit-hours = Next Weeks Pumping		
35 unit-hours = Current Week Pumping		

10372 Originally Sche
10371 Observed/Projected
1 Observed/Projected Short

REMARKS:

SEPA: RUN THE DECLARED WEEKLY TOTALS FOR EACH PROJECT. STAY WITHIN THE WEEKLY MAXIMUM AND MINIMUM DAILY GENERATION TOTALS.
(ACTUAL weekly total GENERATION needs to be EQUAL to the USACE DECLARED weekly total GENERATION).
June-Sept Pre-Pump Gen- (6 unit hours), w/each unit-hour not less than 60 MW, within 12 hours of pumping.

SEPA, please call if you cannot stay within Upper and Lower Limits.
NOTE: Temporary discharge minimum at Thurmond of 3100 cfs with approval of Environmental Assessm
Note: Thurmond 3100 cfs daily average minimum takes priority over the minimum daily generati
Please don't allow Thurmond daily average discharge to go below 3100 cfs

NOTE:80 PUMP-HOURS REQUIRED. 56 UNIT-HOURS PUMPING IS REQUESTED FOR WEEK BEGINNING 12/20/2008

(Sunset/Sunrise Calculation) http://aa.usno.navy.mil/data/docs/RS_OneYear.html

Hourly Pumping Schedule

Start	End	Unit-Hours
Wed 12/17 18:00 CST	Thu 12/18 05:00 CST	8
Thu 12/18 18:00 CST	Fri 12/19 05:00 CST	8
Fri 12/19 18:00 CST	Sat 12/20 05:00 CST	8
Sat 12/20 18:00 CST	Sun 12/21 05:00 CST	8
Sun 12/21 18:00 CST	Mon 12/22 05:00 CST	8
Mon 12/22 18:00 CST	Tue 12/23 05:00 CST	8
Tue 12/23 18:00 CST	Wed 12/24 05:00 CST	8
Wed 12/24 18:00 CST	Thu 12/25 05:00 CST	8
Thu 12/25 18:00 CST	Fri 12/26 05:00 CST	8
Fri 12/26 18:00 CST	Sat 12/27 05:00 CST	8

To: SEPA
To: CESAD
From: (CESAS-EN-HA)

1 Week
Declaration
SAVANNAH RIVER SYSTEM
Revised 12/24/2008 10:51

1 Reset=0

Approximate Usable Pump Window 11.00 HRS
0.00
10.00 HART Target 660.00
10.00 RBR Target 470.00
JST Target 330.00
Hdecay Rdecay Tdecay

		SOP POOL (FT-MSL)	RULE CURVE (FT-MSL)	STARTING STORAGE (AC-FT)	LOCAL IN (CFS)	TOTAL IN (CFS)	TOTAL OUT (CFS)	TOTAL SPILL (CFS)	EST GEN (MWH)	DAILY TOTAL MIN GEN (MWH)	DAILY TOTAL MAX GEN (MWH)	EST PUMP (AC-FT)	ENDING STORAGE (AC-FT)	COMP ENDING POOL (FT-MSL)	
	Wed 17-Dec-08	638.92	656.00	1579618	4567	1222	0	0	0			n/a	1582045	638.99	
	Thu 18-Dec-08	639.15	656.00	1588003	3316	3566	0	0	0			n/a	1595085	639.34	
	Fri 19-Dec-08	639.31	656.00	1594125	2749	3003	0	0	0			n/a	1600090	639.47	
	Sat 20-Dec-08	639.47	656.00	1599922	2753	3003	0	0	0			n/a	1605887	639.63	
H	Sun 21-Dec-08	639.67	656.00	1607285	3129	3379	0	0	0			n/a	1613995	639.85	
A	Mon 22-Dec-08	639.77	656.00	1611206	869	1877	0	0	0			n/a	1614934	639.87	
R	Tue 23-Dec-08	639.92	656.00	1616631	1472	3003	0	0	0	*50*	*50*	n/a	1622596	640.08	
T	**Wed 24-Dec-08**	640.08	656.00	1622596	1500	1750	0	0	0	0	50	n/a	1626071	640.17	0.25
W	Thu 25-Dec-08	640.17	656.00	1626071	1050	1300	0	0	0	0	50	n/a	1628653	640.23	
E	Fri 26-Dec-08	640.23	656.00	1628653	735	985	0	0	0	0	50	n/a	1630609	640.29	
L	Sat 27-Dec-08	640.29	656.00	1630609	1394	2819	0	0	0	0	50	n/a	1636208	640.43	0.10
L	Sun 28-Dec-08	640.43	656.00	1636208	975	2401	0	0	0	0	50	n/a	1640977	640.56	
	Mon 29-Dec-08	640.56	656.00	1640977	732	2157	0	0	0	0	50	n/a	1645262	640.67	
	Tue 30-Dec-08	640.67	656.00	1645262	549	1975	0	0	0	0	50	n/a	1649183	640.77	
	Wed 31-Dec-08	640.77	656.00	1649183	500	1926	0	0	0	0	50	n/a	1653008	640.87	
	Thu 01-Jan-09	640.87	656.00	1653008	500	1926	0	0	0	0	50	n/a	1656832	640.97	
	Fri 02-Jan-09	640.97	656.04	1656832	500	1926	0	0	0	0	50	n/a	1660657	**641.07**	

					LOC	TOT			GEN	MIN	MAX				PUMP HR	PUMP CFS	AVL UNITS
	Wed 17-Dec-08	470.25	475.00	0905355	-219	-219	5116	0	1425			4760	899519	470.01	8	2278	1
	Thu 18-Dec-08	470.11	475.00	0902104	407	407	3425	0	951			4165	900275	470.04	7	1924	1
	Fri 19-Dec-08	470.03	475.00	0900056	-3498	-3498	2895	0	782			11901	899260	470.00	20	5540	1
	Sat 20-Dec-08	470.04	475.00	0900431	1415	1415	0	0	0			2975	906217	470.28	5	1388	1
	Sun 21-Dec-08	470.27	475.00	0906002	384	384	0	0	0			4760	911525	470.50	8	2309	1
R	Mon 22-Dec-08	470.28	475.00	0906184	-340	-340	4160	0	1176			4760	902007	470.11	8	2293	1
U	Tue 23-Dec-08	470.17	475.00	0903450	131	131	4021	0	1117	*50*	*50*	3570	899294	470.00	6	1818	1
S	**Wed 24-Dec-08**	470.00	475.00	0899294	81	2346	3563	0	990	940	1040	4760	901636	470.09	8	2265	1
S	Thu 25-Dec-08	470.09	475.00	0901636	31	2296	0	0	0	0	50	4760	906195	470.28	8	2265	1
E	Fri 26-Dec-08	470.28	475.00	0906195	-19	2246	0	0	0	0	50	4760	910655	470.47	8	2265	1
L	Sat 27-Dec-08	470.47	475.00	0910655	165	2430	0	0	0	0	0	4760	915480	470.66	8	2265	1
L	Sun 28-Dec-08	470.66	475.00	0915480	115	2380	0	0	0	0	0	4760	920206	470.86	8	2265	1
	Mon 29-Dec-08	470.86	475.00	0920206	65	2330	4320	0	1200	1150	1250	4760	916253	470.69	8	2265	1
	Tue 30-Dec-08	470.69	475.00	0916253	15	2280	4320	0	1200	1150	1250	4760	912201	470.53	8	2265	1
	Wed 31-Dec-08	470.53	475.00	0912201	-35	2230	4320	0	1200	1150	1250	4760	908049	470.36	8	2265	1
	Thu 01-Jan-09	470.36	475.00	0908049	-85	2180	4320	0	1200	1150	1250	4760	903798	470.18	8	2265	1
	Fri 02-Jan-09	470.18	475.00	0903798	-135	2130	4320	0	1200	1150	1250	4760	899448	**470.00**	8	2265	1

					LOC	TOT			GEN	MIN	MAX				**56**		
	Wed 17-Dec-08	317.31	326.00	1720272	1044	6161	3102	0	704			-4760	1721428	317.34	0.20	0.28	0.23
	Thu 18-Dec-08	317.32	326.00	1720532	3867	7292	3024	0	702			-4165	1724681	317.40	0.20	0.28	0.23
	Fri 19-Dec-08	317.34	326.00	1721658	3351	6246	3050	0	706			-11901	1715947	317.23	0.20	0.27	0.23
T	Sat 20-Dec-08	317.23	326.00	1715830	578	578	3097	0	706			-2975	1707711	317.07	0.20	0.27	0.23
H	Sun 21-Dec-08	317.12	326.00	1710457	2508	2508	3063	0	705			-4760	1704446	317.01	0.20	0.27	0.23
U	Mon 22-Dec-08	317.02	326.00	1705170	-813	3347	3137	0	717	*0*	*0*	-4760	1700676	316.94	0.20	0.28	0.23
R	Tue 23-Dec-08	316.97	326.00	1702570	1241	5262	3183	0	712	*3100*	*3100*	-3570	1702973	316.98	0.20	0.28	0.22
M	**Wed 24-Dec-08**	316.98	326.00	1702973	869	4432	3100	0	709	665	665	-4760	1700705	316.94	0.00	0.28	0.23
O	Thu 25-Dec-08	316.94	326.00	1700705	652	652	3100	0	665	665	665	-4760	1690941	316.75	0.00	0.28	0.23
N	Fri 26-Dec-08	316.75	326.00	1690941	500	500	3100	0	665	665	665	-4760	1680876	316.56	0.00	0.28	0.23
D	Sat 27-Dec-08	316.56	326.00	1680876	948	948	3100	0	665	665	665	-4760	1671700	316.38	0.00	0.28	0.23
	Sun 28-Dec-08	316.38	326.00	1671700	711	711	3100	0	665	665	665	-4760	1662053	316.19	0.00	0.28	0.23
	Mon 29-Dec-08	316.19	326.00	1662053	533	4853	3100	0	665	665	665	-4760	1660621	316.17	0.00	0.28	0.23
	Tue 30-Dec-08	316.17	326.00	1660621	500	4820	3100	0	665	665	665	-4760	1659123	316.14	0.00	0.28	0.23
	Wed 31-Dec-08	316.14	326.00	1659123	500	4820	3100	0	665	665	665	-4760	1657624	316.11	0.00	0.28	0.23
	Thu 01-Jan-09	316.11	326.00	1657624	500	4820	3100	0	665	665	665	-4760	1656126	316.08	0.00	0.28	0.23
	Fri 02-Jan-09	316.08	326.04	1656126	500	4820	3100	0	665	665	665	-4760	1654628	**316.05**	0.00	0.28	0.23

	SOP POOL (FT-MSL)	RULE CURVE (FT-MSL)	STARTING STORAGE (AC-FT)	LOCAL IN (CFS)	TOTAL IN (CFS)	TOTAL OUT (CFS)	TOTAL SPILL (CFS)	EST GEN (MWH)	MIN GEN (MWH)	MAX GEN (MWH)	EST PUMP (AC-FT)	ENDING STORAGE (AC-FT)	ENDING POOL (FT-MSL)	HART Gen/Q	RBR Gen/Q	THUR Gen/Q
				2694	-246	1682	3094	707	0.23							
Weekly Generation Totals --->				0	6000	4655		10655	27104		27104	-16449	-4.98	56 unit-hours = Next Weeks Pumping		
for week beginning			Sat 27-Dec	Hartwell	Russell	Thurmond		Total	Target		Contract	Short	Pool Balance			
Weekly Average Discharge				0	3086	3100										
Current Week Gen Totals				0	2515	4655		**7170** Originally Sche						51 unit-hours = Current Week Pumping		
for week beginning			Sat 20-Dec	0	3283	4879		8162 Observed/Projected								
Weekly Average Discharge				0	1678	3112		-992 Observed/Projected Short								

REMARKS:

SEPA: RUN THE DECLARED WEEKLY TOTALS FOR EACH PROJECT. STAY WITHIN THE WEEKLY MAXIMUM AND MINIMUM DAILY GENERATION TOTALS.
(ACTUAL weekly total GENERATION needs to be EQUAL to the USACE DECLARED weekly total GENERATION).
June-Sept Pre-Pump Gen- (6 unit hours), w/each unit-hour not less than 60 MW, within 12 hours of pumping.

SEPA, please call if you cannot stay within Upper and Lower Limits.
NOTE: Temporary discharge minimum at Thurmond of 3100 cfs with approval of Environmental Assessm
Note: Thurmond 3100 cfs daily average minimum takes priority over the minimum daily generatio
Please don't allow Thurmond daily average discharge to go below 3100 cfs

NOTE:80 PUMP-HOURS REQUIRED. 56 UNIT-HOURS PUMPING IS REQUESTED FOR WEEK BEGINNING 12/27/2008

(Sunset/Sunrise Calculation) http://aa.usno.navy.mil/data/docs/RS_OneYear.html

Hourly Pumping Schedule

Start	End	Unit-Hours
Wed 12/24 18:00 CST	Thu 12/25 05:00 CST	8
Thu 12/25 18:00 CST	Fri 12/26 05:00 CST	8
Fri 12/26 18:00 CST	Sat 12/27 05:00 CST	8
Sat 12/27 18:00 CST	Sun 12/28 05:00 CST	**8**
Sun 12/28 18:00 CST	Mon 12/29 05:00 CST	**8**
Mon 12/29 18:00 CST	Tue 12/30 05:00 CST	8
Tue 12/30 18:00 CST	Wed 12/31 05:00 CST	8
Wed 12/31 18:00 CST	Thu 01/01 05:00 CST	8
Thu 01/01 18:00 CST	Fri 01/02 05:00 CST	8
Fri 01/02 18:00 CST	Sat 01/03 05:00 CST	8

To: SEPA
To: CESAD
From: (CESAS-EN-HA)

1 Week
Declaration
SAVANNAH RIVER SYSTEM
Revised 12/31/2008 11:18

1 Reset=0

Approximate Usable Pump Window 11.00 HRS
0.00
10.00 HART Target 660.00
10.00 RBR Target 470.00
JST Target 330.00
Hdecay Rdecay Tdecay

	SOP POOL (FT-MSL)	RULE CURVE (FT-MSL)	STARTING STORAGE (AC-FT)	LOCAL IN (CFS)	TOTAL IN (CFS)	TOTAL OUT (CFS)	TOTAL SPILL (CFS)	EST GEN (MWH)	DAILY TOTAL MIN GEN (MWH)	DAILY TOTAL MAX GEN (MWH)	EST PUMP (AC-FT)	ENDING STORAGE (AC-FT)	COMP ENDING POOL (FT-MSL)
Wed 24-Dec-08	640.04	656.00	1621049	1673	1943	0	0	0			n/a	1624908	640.14
Thu 25-Dec-08	640.14	656.00	1624891	1673	1923	0	0	0			n/a	1628709	640.24
Fri 26-Dec-08	640.25	656.00	1629384	2442	2692	0	0	0			n/a	1634729	640.39
Sat 27-Dec-08	640.38	656.00	1634035	1865	2115	0	0	0			n/a	1638235	640.49
HAR Sun 28-Dec-08	640.49	656.00	1638385	2057	2307	0	0	0			n/a	1642967	640.61
Mon 29-Dec-08	640.62	656.00	1643206	628	2809	0	0	0			n/a	1648784	640.76
Tue 30-Dec-08	640.90	656.00	1654117	1207	8143	0	0	0	*50*	*50*	n/a	1670289	641.32
TWE **Wed 31-Dec-08**	641.32	656.00	1670289	1000	1250	0	0	0	0	50	n/a	1672772	641.38
Thu 01-Jan-09	641.38	656.00	1672772	700	950	0	0	0	0	50	n/a	1674659	641.43
Fri 02-Jan-09	641.43	656.04	1674659	525	775	0	0	0	0	50	n/a	1676198	641.47
LL Sat 03-Jan-09	641.47	656.09	1676198	1054	1546	0	0	0	0	50	n/a	1679269	641.55
Sun 04-Jan-09	641.55	656.13	1679269	738	1230	0	0	0	0	50	n/a	1681712	641.61
Mon 05-Jan-09	641.61	656.18	1681712	553	1046	0	0	0	0	50	n/a	1683789	641.67
Tue 06-Jan-09	641.67	656.22	1683789	500	992	0	0	0	0	50	n/a	1685760	641.72
Wed 07-Jan-09	641.72	656.27	1685760	500	992	0	0	0	0	50	n/a	1687731	641.77
Thu 08-Jan-09	641.77	656.31	1687731	500	992	0	0	0	0	50	n/a	1689702	641.82
Fri 09-Jan-09	641.82	656.36	1689702	500	992	0	0	0	0	50	n/a	1691673	**641.87**

				LOC	TOT			GEN	MIN	MAX				PUMP HR	PUMP CFS	AVL UNITS
Wed 24-Dec-08	469.94	475.00	0897834	-254	-254	4240	0	1170			4760	893669	469.76	8	2303	1
Thu 25-Dec-08	469.96	475.00	0898396	495	495	0	0	0			4760	904139	470.20	8	2303	1
Fri 26-Dec-08	470.19	475.00	0904083	516	516	0	0	0			4760	909868	470.43	8	2298	1
Sat 27-Dec-08	470.41	475.00	0909189	366	366	0	0	0			5355	915272	470.65	9	2583	1
Sun 28-Dec-08	470.64	475.00	0914815	138	138	0	0	0			5355	920445	470.87	9	2576	1
RUS Mon 29-Dec-08	470.79	475.00	0918495	180	180	2463	0	689			4760	918721	470.80	8	2282	1
Tue 30-Dec-08	470.67	475.00	0915691	-117	-117	4135	0	1165	*50*	*50*	4760	912007	470.52	8	2275	1
SS **Wed 31-Dec-08**	470.52	475.00	0912007	-167	2098	2814	0	785	735	835	4760	915346	470.66	8	2265	1
Thu 01-Jan-09	470.66	475.00	0915346	-217	2048	4015	0	1120	1070	1170	4760	911439	470.50	8	2265	1
EL Fri 02-Jan-09	470.50	475.00	0911439	-250	2015	5992	0	1672	1622	1722	4760	903541	470.17	8	2265	1
LL Sat 03-Jan-09	470.17	475.00	0903541	176	2441	0	0	0	0	0	4760	908388	470.37	8	2265	1
Sun 04-Jan-09	470.37	475.00	0908388	126	2391	0	0	0	0	0	4760	913136	470.57	8	2265	1
Mon 05-Jan-09	470.57	475.00	0913136	76	2341	3620	0	1010	960	1060	4760	910595	470.46	8	2265	1
Tue 06-Jan-09	470.46	475.00	0910595	26	2291	3620	0	1010	960	1060	4760	907955	470.35	8	2265	1
Wed 07-Jan-09	470.35	475.00	0907955	-24	2241	3620	0	1010	960	1060	4760	905216	470.24	8	2265	1
Thu 08-Jan-09	470.24	475.00	0905216	-74	2191	3620	0	1010	960	1060	4760	902378	470.12	8	2265	1
Fri 09-Jan-09	470.12	475.00	0902378	-124	2141	3620	0	1010	960	1060	4760	899440	**470.00**	8	2265	1

				LOC	TOT			GEN	MIN	MAX				56		
Wed 24-Dec-08	316.99	326.00	1703697	1636	5877	3053	0	708			-4760	1704388	317.01	0.20	0.28	0.23
Thu 25-Dec-08	316.94	326.00	1700988	1856	1856	3198	0	709			-4760	1693417	316.80	0.20	0.28	0.22
Fri 26-Dec-08	316.79	326.00	1693123	1752	1752	3360	0	762			-4760	1685026	316.64	0.20	0.28	0.23
THU Sat 27-Dec-08	316.64	326.00	1685020	712	712	3076	0	709			-5355	1674827	316.44	0.20	0.28	0.23
Sun 28-Dec-08	316.46	326.00	1675833	1233	1233	3084	0	711			-5355	1666658	316.28	0.20	0.28	0.23
URM Mon 29-Dec-08	316.35	326.00	1670265	1893	4356	3116	0	715	*0*	*0*	-4760	1667816	316.30	0.20	0.28	0.23
Tue 30-Dec-08	316.29	326.00	1667232	948	5082	3068	0	690	*3100*	*3100*	-4760	1666317	316.28	0.20	0.28	0.22
MON **Wed 31-Dec-08**	316.28	326.00	1666317	1000	3814	3100	0	707	665	665	-4760	1662824	316.21	0.20	0.28	0.23
Thu 01-Jan-09	316.21	326.00	1662824	750	4765	3100	0	665	665	665	-4760	1661217	316.18	0.20	0.28	0.23
ND Fri 02-Jan-09	316.18	326.04	1661217	600	6592	3100	0	665	665	665	-4760	1663232	316.22	0.20	0.28	0.23
Sat 03-Jan-09	316.22	326.09	1663232	1234	1234	3100	0	665	665	665	-4760	1654624	316.05	0.20	0.28	0.23
Sun 04-Jan-09	316.05	326.13	1654624	926	926	3100	0	665	665	665	-4760	1645404	315.87	0.20	0.28	0.23
Mon 05-Jan-09	315.87	326.18	1645404	741	4361	3100	0	665	665	665	-4760	1642994	315.83	0.20	0.28	0.23
Tue 06-Jan-09	315.83	326.22	1642994	593	4213	3100	0	665	665	665	-4760	1640291	315.77	0.20	0.28	0.23
Wed 07-Jan-09	315.77	326.27	1640291	500	4120	3100	0	665	665	665	-4760	1637405	315.72	0.20	0.28	0.23
Thu 08-Jan-09	315.72	326.31	1637405	500	4120	3100	0	665	665	665	-4760	1634519	315.66	0.20	0.28	0.23
Fri 09-Jan-09	315.66	326.36	1634519	500	4120	3100	0	665	665	665	-4760	1631632	**315.61**	0.20	0.28	0.23

	SOP POOL (FT-MSL)	RULE CURVE (FT-MSL)	STARTING STORAGE (AC-FT)	LOCAL IN (CFS)	TOTAL IN (CFS)	TOTAL OUT (CFS)	TOTAL SPILL (CFS)	EST GEN (MWH)	MIN GEN (MWH)	MAX GEN (MWH)	EST PUMP (AC-FT)	ENDING STORAGE (AC-FT)	ENDING POOL (FT-MSL)	HART Gen/Q	RBR Gen/Q	THUR Gen/Q
				1649	189	1433	3136	715	0.23							
Weekly Generation Totals --->				0	5050	4655		9705	27233		27233	-17528	-3.74	56 unit-hours = Next Weeks Pumping		
for week beginning			Sat 3-Jan	Hartwell	Russell	Thurmond		Total	Target		Contract	Short	Pool Balance			
Weekly Average Discharge				0	2586	3100										
Current Week Gen Totals				0	6000	4655		**10655** Originally Sche						58 unit-hours = Current Week Pumping		
for week beginning			Sat 27-Dec	0	5431	4861		10293 Observed/Projected								
Weekly Average Discharge				0	2774	3092		362 Observed/Projected Short								

REMARKS:

SEPA: RUN THE DECLARED WEEKLY TOTALS FOR EACH PROJECT. STAY WITHIN THE WEEKLY MAXIMUM AND MINIMUM DAILY GENERATION TOTALS.
(ACTUAL weekly total GENERATION needs to be EQUAL to the USACE DECLARED weekly total GENERATION).
June-Sept Pre-Pump Gen- (6 unit hours), w/each unit-hour not less than 60 MW, within 12 hours of pumping.

SEPA, please call if you cannot stay within Upper and Lower Limits.
NOTE: Temporary discharge minimum at Thurmond of 3100 cfs with approval of Environmental Assessm
Note: Thurmond 3100 cfs daily average minimum takes priority over the minimum daily generati
Please don't allow Thurmond daily average discharge to go below 3100 cfs

NOTE:80 PUMP-HOURS REQUIRED. 56 UNIT-HOURS PUMPING IS REQUESTED FOR WEEK BEGINNING 1/3/2009

(Sunset/Sunrise Calculation) http://aa.usno.navy.mil/data/docs/RS_OneYear.html

Hourly Pumping Schedule

Start	End	Unit-Hours
Wed 12/31 18:00 CST	Thu 01/01 05:00 CST	8
Thu 01/01 18:00 CST	Fri 01/02 05:00 CST	8
Fri 01/02 18:00 CST	Sat 01/03 05:00 CST	8
Sat 01/03 18:00 CST	Sun 01/04 05:00 CST	8
Sun 01/04 18:00 CST	Mon 01/05 05:00 CST	8
Mon 01/05 18:00 CST	Tue 01/06 05:00 CST	8
Tue 01/06 18:00 CST	Wed 01/07 05:00 CST	8
Wed 01/07 18:00 CST	Thu 01/08 05:00 CST	8
Thu 01/08 18:00 CST	Fri 01/09 05:00 CST	8
Fri 01/09 18:00 CST	Sat 01/10 05:00 CST	8

To: SEPA
To: CESAD
From: (CESAS-EN-HA)

1 Week
Declaration
SAVANNAH RIVER SYSTEM
Revised 1/7/2009 10:10

1 Reset=0

Approximate Usable Pump Window 11.00 HRS
0.00
10.00 HART Target 660.00
10.00 RBR Target 470.00
JST Target 330.00
Hdecay Rdecay Tdecay

		SOP POOL (FT-MSL)	RULE CURVE (FT-MSL)	STARTING STORAGE (AC-FT)	LOCAL IN (CFS)	TOTAL IN (CFS)	TOTAL OUT (CFS)	TOTAL SPILL (CFS)	EST GEN (MWH)	DAILY TOTAL MIN GEN (MWH)	DAILY TOTAL MAX GEN (MWH)	EST PUMP (AC-FT)	ENDING STORAGE (AC-FT)	COMP ENDING POOL (FT-MSL)
	Wed 31-Dec-08	641.27	656.00	1668433	2891	1226	0	0	0			n/a	1670867	641.34
	Thu 01-Jan-09	641.34	656.00	1671075	1124	1374	0	0	0			n/a	1673803	641.41
	Fri 02-Jan-09	641.42	656.04	1673960	1320	1570	0	0	0			n/a	1677078	641.50
	Sat 03-Jan-09	641.49	656.09	1676958	1320	1570	0	0	0			n/a	1680077	641.57
H	Sun 04-Jan-09	641.62	656.13	1681821	2302	2552	0	0	0			n/a	1686889	641.75
A	Mon 05-Jan-09	641.74	656.18	1686408	2302	2552	0	0	0			n/a	1691476	641.87
R	Tue 06-Jan-09	642.24	656.22	1706418	14554	16565	183	0	54	*50*	*50*	n/a	1738953	643.06
T	**Wed 07-Jan-09**	643.06	656.27	1738953	6000	6250	0	0	0	0	50	n/a	1751365	643.37
W	Thu 08-Jan-09	643.37	656.31	1751365	3010	3260	0	0	0	0	50	n/a	1757839	643.53
E	Fri 09-Jan-09	643.53	656.36	1757839	2107	2357	0	0	0	0	50	n/a	1762520	643.64
L	Sat 10-Jan-09	643.64	656.40	1762520	4740	6177	0	0	0	0	50	n/a	1774787	643.94
L	Sun 11-Jan-09	643.94	656.44	1774787	3081	4518	0	0	0	0	50	n/a	1783758	644.16
	Mon 12-Jan-09	644.16	656.49	1783758	2157	3593	0	0	0	0	50	n/a	1790895	644.33
	Tue 13-Jan-09	644.33	656.53	1790895	1833	3270	0	0	0	0	50	n/a	1797388	644.49
	Wed 14-Jan-09	644.49	656.58	1797388	1283	2720	0	0	0	0	50	n/a	1802790	644.62
	Thu 15-Jan-09	644.62	656.62	1802790	898	2335	0	0	0	0	50	n/a	1807426	644.73
	Fri 16-Jan-09	644.73	656.67	1807426	750	2186	0	0	0	0	50	n/a	1811769	**644.84**

					LOC	TOT			GEN	MIN	MAX				PUMP HR	PUMP CFS	AVL UNITS
	Wed 31-Dec-08	470.55	475.00	0912812	90	90	3601	0	1009			4760	910598	470.46	8	2280	1
	Thu 01-Jan-09	470.34	475.00	0907701	-885	-885	4106	0	1148			4760	902549	470.13	8	2288	1
	Fri 02-Jan-09	470.07	475.00	0901050	-395	-395	5556	0	1562			4760	893992	469.78	8	2284	1
	Sat 03-Jan-09	470.07	475.00	0900990	79	79	0	0	0			4165	905312	470.25	7	2115	1
	Sun 04-Jan-09	470.30	475.00	0906658	659	659	0	0	0			4760	912728	470.55	8	2283	1
R	Mon 05-Jan-09	470.36	475.00	0908065	540	540	3671	0	1016			4760	906608	470.30	8	2271	1
U	Tue 06-Jan-09	470.41	475.00	0909280	2403	2586	3766	0	1050	*50*	*50*	4760	911696	470.51	8	2284	1
S	**Wed 07-Jan-09**	470.51	475.00	0911696	1442	3707	2814	0	786	736	836	4760	918230	470.78	8	2265	1
S	Thu 08-Jan-09	470.78	475.00	0918230	649	2914	2880	0	805	755	855	4760	918297	470.78	8	2265	1
E	Fri 09-Jan-09	470.78	475.00	0918297	324	2589	6718	0	1877	1827	1927	4760	910097	470.44	8	2265	1
L	Sat 10-Jan-09	470.44	475.00	0910097	570	2835	0	0	0	0	0	4760	915728	470.67	8	2265	1
L	Sun 11-Jan-09	470.67	475.00	0915728	285	2550	0	0	0	0	0	4760	920792	470.88	8	2265	1
	Mon 12-Jan-09	470.88	475.00	0920792	143	2408	3620	0	1012	962	1062	4760	918384	470.78	8	2265	1
	Tue 13-Jan-09	470.78	475.00	0918384	71	2336	3620	0	1012	962	1062	4760	915835	470.68	8	2265	1
	Wed 14-Jan-09	470.68	475.00	0915835	21	2286	3620	0	1012	962	1062	4760	913186	470.57	8	2265	1
	Thu 15-Jan-09	470.57	475.00	0913186	-29	2236	3620	0	1012	962	1062	4760	910438	470.46	8	2265	1
	Fri 16-Jan-09	470.46	475.00	0910438	-79	2186	3620	0	1012	962	1062	4760	907591	**470.34**	8	2265	1

					LOC	TOT			GEN	MIN	MAX				56		
	Wed 31-Dec-08	316.28	326.00	1666798	1169	4770	3011	0	679			-4760	1665378	316.26	0.30	0.28	0.23
	Thu 01-Jan-09	316.27	326.00	1666105	1105	5211	3183	0	694			-4760	1665217	316.25	0.30	0.28	0.22
	Fri 02-Jan-09	316.32	326.04	1668423	1498	7054	3208	0	703			-4760	1671142	316.37	0.30	0.28	0.22
T	Sat 03-Jan-09	316.21	326.09	1663158	1196	1196	2987	0	678			-4165	1655292	316.06	0.30	0.28	0.23
H	Sun 04-Jan-09	316.07	326.13	1655705	854	854	2998	0	680			-4760	1646544	315.90	0.30	0.28	0.23
U	Mon 05-Jan-09	316.01	326.18	1652607	1965	5635	3058	0	686	*0*	*0*	-4760	1652809	316.02	0.30	0.28	0.22
R	Tue 06-Jan-09	315.97	326.22	1650548	2043	5809	3085	0	694	*3100*	*3100*	-4760	1651041	315.98	0.30	0.28	0.22
M	**Wed 07-Jan-09**	315.98	326.27	1651041	1838	4652	3100	0	693	670	670	-4760	1649210	315.95	0.30	0.28	0.22
O	Thu 08-Jan-09	315.95	326.31	1649210	1379	4259	3100	0	670	670	670	-4760	1646599	315.90	0.30	0.28	0.22
N	Fri 09-Jan-09	315.90	326.36	1646599	1034	7752	3100	0	670	670	670	-4760	1650915	315.98	0.30	0.28	0.22
D	Sat 10-Jan-09	315.98	326.40	1650915	1908	1908	3100	0	670	670	670	-4760	1643643	315.84	0.30	0.28	0.22
	Sun 11-Jan-09	315.84	326.44	1643643	1431	1431	3100	0	670	670	670	-4760	1635425	315.68	0.30	0.28	0.22
	Mon 12-Jan-09	315.68	326.49	1635425	1073	4693	3100	0	670	670	670	-4760	1633675	315.65	0.30	0.28	0.22
	Tue 13-Jan-09	315.65	326.53	1633675	805	4425	3100	0	670	670	670	-4760	1631394	315.60	0.30	0.28	0.22
	Wed 14-Jan-09	315.60	326.58	1631394	644	4264	3100	0	670	670	670	-4760	1628793	315.55	0.30	0.28	0.22
	Thu 15-Jan-09	315.55	326.62	1628793	515	4135	3100	0	670	670	670	-4760	1625937	315.50	0.30	0.28	0.22
	Fri 16-Jan-09	315.50	326.67	1625937	500	4120	3100	0	670	670	670	-4760	1623051	**315.44**	0.30	0.28	0.22

	SOP POOL (FT-MSL)	RULE CURVE (FT-MSL)	STARTING STORAGE (AC-FT)	LOCAL IN (CFS)	TOTAL IN (CFS)	TOTAL OUT (CFS)	TOTAL SPILL (CFS)	EST GEN (MWH)	MIN GEN (MWH)	MAX GEN (MWH)	EST PUMP (AC-FT)	ENDING STORAGE (AC-FT)	ENDING POOL (FT-MSL)	HART Gen/Q	RBR Gen/Q	THUR Gen/Q
				3688	356	1404	3076	688	0.22							
Weekly Generation Totals --->				0	5060	4690		9750	27233		27233	-17483	-0.61	56 unit-hours = Next Weeks Pumping		
for week beginning			Sat 10-Jan	Hartwell	Russell	Thurmond		Total	Target		Contract	Short	Pool Balance			
Weekly Average Discharge				0	2586	3100										
Current Week Gen Totals				0	5050	4655		**9705** Originally Sche						55 unit-hours = Current Week Pumping		
for week beginning			Sat 3-Jan	54	5535	4770		10359 Observed/Projected								
Weekly Average Discharge				26	2836	3061		-654 Observed/Projected Short								

REMARKS:

SEPA: RUN THE DECLARED WEEKLY TOTALS FOR EACH PROJECT. STAY WITHIN THE WEEKLY MAXIMUM AND MINIMUM DAILY GENERATION TOTALS.
(ACTUAL weekly total GENERATION needs to be EQUAL to the USACE DECLARED weekly total GENERATION).
June-Sept Pre-Pump Gen- (6 unit hours), w/each unit-hour not less than 60 MW, within 12 hours of pumping

SEPA, please call if you cannot stay within Upper and Lower Limits.
NOTE: Temporary discharge minimum at Thurmond of 3100 cfs with approval of Environmental Assess
Note: Thurmond 3100 cfs daily average minimum takes priority over the minimum daily generati
Please don't allow Thurmond daily average discharge to go below 3100 cfs

NOTE:80 PUMP-HOURS REQUIRED. 56 UNIT-HOURS PUMPING IS REQUESTED FOR WEEK BEGINNING 1/10/2009

(Sunset/Sunrise Calculation) http://aa.usno.navy.mil/data/docs/RS_OneYear.html

Hourly Pumping Schedule

Start	End	Unit-Hours
Wed 01/07 18:00 CST	Thu 01/08 05:00 CST	8
Thu 01/08 18:00 CST	Fri 01/09 05:00 CST	8
Fri 01/09 18:00 CST	Sat 01/10 05:00 CST	8
Sat 01/10 18:00 CST	Sun 01/11 05:00 CST	8
Sun 01/11 18:00 CST	Mon 01/12 05:00 CST	8
Mon 01/12 18:00 CST	Tue 01/13 05:00 CST	8
Tue 01/13 18:00 CST	Wed 01/14 05:00 CST	8
Wed 01/14 18:00 CST	Thu 01/15 05:00 CST	8
Thu 01/15 18:00 CST	Fri 01/16 05:00 CST	8
Fri 01/16 18:00 CST	Sat 01/17 05:00 CST	8

To: SEPA
To: CESAD
From: (CESAS-EN-HA)

1 Week
Declaration
SAVANNAH RIVER SYSTEM
Revised 1/14/2009 10:09

1 Reset=0

Approximate Usable Pump Window 11.00 HRS
0.00
10.00 HART Target 660.00
10.00 RBR Target 470.00
JST Target 330.00
Hdecay Rdecay Tdecay

		SOP POOL (FT-MSL)	RULE CURVE (FT-MSL)	STARTING STORAGE (AC-FT)	LOCAL IN (CFS)	TOTAL IN (CFS)	TOTAL OUT (CFS)	TOTAL SPILL (CFS)	EST GEN (MWH)	DAILY TOTAL MIN GEN (MWH)	DAILY TOTAL MAX GEN (MWH)	EST PUMP (AC-FT)	ENDING STORAGE (AC-FT)	COMP ENDING POOL (FT-MSL)	PUMP HR	PUMP CFS	AVL UNITS
	Wed 07-Jan-09	643.15	656.27	1742776	16814	1789	0	0	0			n/a	1746329	643.24			
	Thu 08-Jan-09	643.67	656.31	1763668	6141	6556	0	0	0			n/a	1776688	643.99			
	Fri 09-Jan-09	643.95	656.36	1775002	3017	7658	0	0	0			n/a	1790210	644.32			
	Sat 10-Jan-09	644.22	656.40	1786334	3310	3560	0	0	0			n/a	1793404	644.39			
H	Sun 11-Jan-09	644.40	656.44	1793700	2420	3141	0	0	0			n/a	1799939	644.55			
A	Mon 12-Jan-09	644.65	656.49	1804231	3173	7330	0	0	0			n/a	1818787	645.00			
R	Tue 13-Jan-09	644.88	656.53	1813706	2468	2722	0	0	0	*50*	*50*	n/a	1819113	645.01			
T	**Wed 14-Jan-09**	645.01	656.58	1819113	2098	2348	0	0	0	0	50	n/a	1823776	645.12			
W	Thu 15-Jan-09	645.12	656.62	1823776	1783	2033	0	0	0	0	50	n/a	1827813	645.22			
E	Fri 16-Jan-09	645.22	656.67	1827813	1248	1498	0	0	0	0	50	n/a	1830788	645.29			
L	Sat 17-Jan-09	645.29	656.71	1830788	874	2495	0	0	0	0	50	n/a	1835743	645.41			
L	Sun 18-Jan-09	645.41	656.76	1835743	750	2371	0	0	0	0	50	n/a	1840451	645.52			
	Mon 19-Jan-09	645.52	656.80	1840451	750	2371	0	0	0	0	50	n/a	1845160	645.63			
	Tue 20-Jan-09	645.63	656.84	1845160	750	2371	0	0	0	0	50	n/a	1849869	645.74			
	Wed 21-Jan-09	645.74	656.89	1849869	750	2371	0	0	0	0	50	n/a	1854577	645.85			
	Thu 22-Jan-09	645.85	656.93	1854577	750	2371	0	0	0	0	50	n/a	1859286	645.96			
	Fri 23-Jan-09	645.96	656.98	1859286	750	2371	0	0	0	0	50	n/a	1863995	**646.07**			
					LOC	TOT			GEN	MIN	MAX						
	Wed 07-Jan-09	470.49	475.00	0911359	2810	2810	3332	0	928			4165	914488	470.62	7	1999	1
	Thu 08-Jan-09	470.39	475.00	0908824	628	628	5703	0	1611			4165	902910	470.15	7	2002	1
	Fri 09-Jan-09	470.16	475.00	0903327	130	130	5851	0	1658			4760	896726	469.89	8	2302	1
	Sat 10-Jan-09	470.12	475.00	0902329	621	621	0	0	0			4760	908322	470.37	8	2308	1
	Sun 11-Jan-09	470.38	475.00	0908490	649	649	0	0	0			4760	914540	470.62	8	2295	1
R	Mon 12-Jan-09	470.52	475.00	0911938	586	586	1281	0	363			4760	915317	470.66	8	2293	1
U	Tue 13-Jan-09	470.49	475.00	0911359	102	102	4003	0	1122	*50*	*50*	4760	908371	470.37	8	2297	1
S	**Wed 14-Jan-09**	470.37	475.00	0908371	51	2316	3542	0	998	948	1048	4760	910697	470.47	8	2265	1
S	Thu 15-Jan-09	470.47	475.00	0910697	1	2266	4575	0	1289	1239	1339	4760	906112	470.28	8	2265	1
E	Fri 16-Jan-09	470.28	475.00	0906112	-49	2216	4575	0	1289	1239	1339	4760	901428	470.08	8	2265	1
L	Sat 17-Jan-09	470.08	475.00	0901428	-99	2166	0	0	0	0	0	4760	905730	470.26	8	2265	1
L	Sun 18-Jan-09	470.26	475.00	0905730	-149	2116	0	0	0	0	0	4760	909932	470.44	8	2265	1
	Mon 19-Jan-09	470.44	475.00	0909932	-223	2042	3090	0	870	820	920	4760	907850	470.35	8	2265	1
	Tue 20-Jan-09	470.35	475.00	0907850	-250	2015	3090	0	870	820	920	4760	905715	470.26	8	2265	1
	Wed 21-Jan-09	470.26	475.00	0905715	-250	2015	3090	0	870	820	920	4760	903580	470.17	8	2265	1
	Thu 22-Jan-09	470.17	475.00	0903580	-250	2015	3090	0	870	820	920	4760	901445	470.09	8	2265	1
	Fri 23-Jan-09	470.09	475.00	0901445	-250	2015	3090	0	870	820	920	4760	899310	**470.00**	8	2265	1
					LOC	TOT			GEN	MIN	MAX				**56**		
	Wed 07-Jan-09	316.21	326.27	1662725	11363	14695	3114	0	706			-4165	1681375	316.56	0.20	0.28	0.23
	Thu 08-Jan-09	316.60	326.31	1683005	10526	16229	3029	0	691			-4165	1704867	317.02	0.20	0.28	0.23
	Fri 09-Jan-09	316.87	326.36	1697413	5503	11355	3063	0	688			-4760	1708946	317.10	0.20	0.28	0.22
T	Sat 10-Jan-09	316.93	326.40	1700187	2960	2960	2996	0	687			-4760	1695207	316.83	0.20	0.28	0.23
H	Sun 11-Jan-09	316.90	326.44	1698930	4012	4012	3019	0	694			-4760	1695991	316.85	0.20	0.28	0.23
U	Mon 12-Jan-09	316.80	326.49	1693773	1398	2680	2991	0	690	*0*	*0*	-4760	1688248	316.70	0.20	0.28	0.23
R	Tue 13-Jan-09	316.82	326.53	1694813	3150	7154	3034	0	689	*3100*	*3100*	-4760	1698074	316.89	0.20	0.28	0.23
M	**Wed 14-Jan-09**	316.89	326.58	1698074	2363	5905	3100	0	707	670	670	-4760	1698727	316.90	0.20	0.28	0.23
O	Thu 15-Jan-09	316.90	326.62	1698727	2127	6701	3100	0	670	670	670	-4760	1700959	316.94	0.20	0.28	0.23
N	Fri 16-Jan-09	316.94	326.67	1700959	1914	6489	3100	0	670	670	670	-4760	1702769	316.98	0.20	0.28	0.23
D	Sat 17-Jan-09	316.98	326.71	1702769	1435	1435	3100	0	670	670	670	-4760	1694559	316.82	0.20	0.28	0.23
	Sun 18-Jan-09	316.82	326.76	1694559	1077	1077	3100	0	670	670	670	-4760	1685638	316.65	0.20	0.28	0.23
	Mon 19-Jan-09	316.65	326.80	1685638	807	3897	3100	0	670	670	670	-4760	1682310	316.58	0.20	0.28	0.23
	Tue 20-Jan-09	316.58	326.84	1682310	646	3736	3100	0	670	670	670	-4760	1678662	316.51	0.20	0.28	0.23
	Wed 21-Jan-09	316.51	326.89	1678662	517	3607	3100	0	670	670	670	-4760	1674758	316.44	0.20	0.28	0.23
	Thu 22-Jan-09	316.44	326.93	1674758	500	3590	3100	0	670	670	670	-4760	1670821	316.36	0.20	0.28	0.23
	Fri 23-Jan-09	316.36	326.98	1670821	500	3590	3100	0	670	670	670	-4760	1666883	**316.29**	0.20	0.28	0.23

	SOP POOL (FT-MSL)	RULE CURVE (FT-MSL)	STARTING STORAGE (AC-FT)	LOCAL IN (CFS)	TOTAL IN (CFS)	TOTAL OUT (CFS)	TOTAL SPILL (CFS)	EST GEN (MWH)	MIN GEN (MWH)	MAX GEN (MWH)	EST PUMP (AC-FT)	ENDING STORAGE (AC-FT)	ENDING POOL (FT-MSL)	HART Gen/Q	RBR Gen/Q	THUR Gen/Q
				5335	789	5559	3035	692	0.23							
Weekly Generation Totals --->				0	4350	4690		9040	27233		27233	-18193	-0.21	56 unit-hours = Next Weeks Pumping		
for week beginning			Sat 17-Jan	Hartwell	Russell	Thurmond		Total	Target		Contract	Short	Pool Balance			
Weekly Average Discharge				0	2207	3100										
Current Week Gen Totals				0	5060	4690		**9750** Originally Sche						56 unit-hours = Current Week Pumping		
for week beginning			Sat 10-Jan	0	5060	4807		9867 Observed/Projected								
Weekly Average Discharge				0	2568	3049		-117 Observed/Projected Short								

REMARKS:

SEPA: RUN THE DECLARED WEEKLY TOTALS FOR EACH PROJECT. STAY WITHIN THE WEEKLY MAXIMUM AND MINIMUM DAILY GENERATION TOTALS.
(ACTUAL weekly total GENERATION needs to be EQUAL to the USACE DECLARED weekly total GENERATION).
June-Sept Pre-Pump Gen- (6 unit hours), w/each unit-hour not less than 60 MW, within 12 hours of pumping.

SEPA, please call if you cannot stay within Upper and Lower Limits.

NOTE: Temporary discharge minimum at Thurmond of 3100 cfs with approval of Environmental Assess

Note: Thurmond 3100 cfs daily average minimum takes priority over the minimum daily generati

Please don't allow Thurmond daily average discharge to go below 3100 cfs

RBR Fish Count Moritorium Jan 24 12:00 noon - Jan 25 12:00 noon. (No generation or pump)

NOTE:80 PUMP-HOURS REQUIRED. 56 UNIT-HOURS PUMPING IS REQUESTED FOR WEEK BEGINNING 1/17/2009

(Sunset/Sunrise Calculation) http://aa.usno.navy.mil/data/docs/RS_OneYear.html

Hourly Pumping Schedule

Start	End	Unit-Hours
Wed 01/14 18:00 CST	Thu 01/15 05:00 CST	8
Thu 01/15 18:00 CST	Fri 01/16 05:00 CST	8
Fri 01/16 18:00 CST	Sat 01/17 05:00 CST	8
Sat 01/17 18:00 CST	Sun 01/18 05:00 CST	8
Sun 01/18 18:00 CST	Mon 01/19 05:00 CST	8
Mon 01/19 18:00 CST	Tue 01/20 05:00 CST	8
Tue 01/20 18:00 CST	Wed 01/21 05:00 CST	8
Wed 01/21 18:00 CST	Thu 01/22 05:00 CST	8
Thu 01/22 18:00 CST	Fri 01/23 05:00 CST	8
Fri 01/23 18:00 CST	Sat 01/24 05:00 CST	8

To: SEPA
To: CESAD
From: (CESAS-EN-HA)

1 Week
Declaration
SAVANNAH RIVER SYSTEM
Revised 1/21/2009 12:24

1 Reset=0

Approximate Usable Pump Window 11.00 HRS
0.00
10.00 HART Target 660.00
10.00 RBR Target 471.00
JST Target 330.00
Hdecay Rdecay Tdecay

		SOP POOL (FT-MSL)	RULE CURVE (FT-MSL)	STARTING STORAGE (AC-FT)	LOCAL IN (CFS)	TOTAL IN (CFS)	TOTAL OUT (CFS)	TOTAL SPILL (CFS)	EST GEN (MWH)	DAILY TOTAL MIN GEN (MWH)	DAILY TOTAL MAX GEN (MWH)	EST PUMP (AC-FT)	ENDING STORAGE (AC-FT)	COMP ENDING POOL (FT-MSL)	PUMP HR	PUMP CFS	AVL UNITS
	Wed 14-Jan-09	644.98	656.58	1817701	1457	1484	229	0	61			n/a	1820193	645.04			
	Thu 15-Jan-09	645.08	656.62	1821878	860	2348	0	0	0			n/a	1826541	645.19			
	Fri 16-Jan-09	645.25	656.67	1828981	1994	5587	678	0	202			n/a	1838731	645.48			
	Sat 17-Jan-09	645.48	656.71	1838992	2568	6411	1074	0	322			n/a	1849590	645.73			
H	Sun 18-Jan-09	645.64	656.76	1845619	1244	1494	0	0	0			n/a	1848587	645.71			
A	Mon 19-Jan-09	645.72	656.80	1848897	1458	1708	0	0	0			n/a	1852289	645.80			
R	Tue 20-Jan-09	645.81	656.84	1852986	1066	3402	627	0	186	*50*	*50*	n/a	1858497	645.94			
T	**Wed 21-Jan-09**	645.94	656.89	1858497	1000	1250	1598	0	479	429	529	n/a	1857806	645.93			
W	Thu 22-Jan-09	645.93	656.93	1857806	750	1000	0	0	0	0	50	n/a	1859792	645.97			
E	Fri 23-Jan-09	645.97	656.98	1859792	750	1000	0	0	0	0	50	n/a	1861778	646.02			
L	Sat 24-Jan-09	646.02	657.02	1861778	1506	2219	0	0	0	0	50	n/a	1866185	646.12	0.25	0.25	0.25
L	Sun 25-Jan-09	646.12	657.07	1866185	1054	1767	0	0	0	0	50	n/a	1869695	646.20			
	Mon 26-Jan-09	646.20	657.11	1869695	750	1463	3090	0	927	877	977	n/a	1867696	646.13			
	Tue 27-Jan-09	646.13	657.16	1867696	750	1463	3070	0	921	877	971	n/a	1863274	646.05			
	Wed 28-Jan-09	646.05	657.20	1865697	750	1463	3070	0	921	877	971	n/a	1860083	645.98			
	Thu 29-Jan-09	645.98	657.24	1863698	750	1463	3070	0	921	877	971	n/a	1856893	645.91			
	Fri 30-Jan-09	645.91	657.29	1861699	750	1463	3070	0	921	877	971	n/a	1853702	**645.83**			
					LOC	TOT			GEN	MIN	MAX						
	Wed 14-Jan-09	470.38	475.00	0908470	-31	198	3726	0	1041			4760	906224	470.28	8	2297	1
	Thu 15-Jan-09	470.23	475.00	0904992	-184	-184	4809	0	1353			4760	899836	470.02	8	2295	1
	Fri 16-Jan-09	469.93	475.00	0897694	-1032	-355	6573	0	1851			4760	888695	469.55	8	2301	1
	Sat 17-Jan-09	469.75	475.00	0893327	-58	1016	3206	0	897			4760	893740	469.77	8	2310	1
	Sun 18-Jan-09	469.79	475.00	0894357	-88	-88	1496	0	415			4760	895971	469.86	8	2314	1
R	Mon 19-Jan-09	469.70	475.00	0892217	80	80	4386	0	1213			4165	887830	469.52	7	2123	1
U	Tue 20-Jan-09	469.49	475.00	0887105	-734	-107	4284	0	1183	*50*	*50*	6545	884929	469.40	11	3180	1
S	**Wed 21-Jan-09**	469.40	475.00	0884929	-434	4279	0	0	0	0	50	6545	899972	470.02	11	3114	1
S	Thu 22-Jan-09	470.02	475.00	0899972	-250	2015	0	0	0	0	50	4760	903974	470.19	11	3114	1
E	Fri 23-Jan-09	470.19	475.00	0903974	-250	2015	0	0	0	0	50	4760	907976	470.36	11	3114	1
L	Sat 24-Jan-09	470.36	475.00	0907976	163	163	0	0	0	0	0	0	908300	470.37	0	0	1
L	Sun 25-Jan-09	470.37	475.00	0908300	113	3228	0	0	0	0	0	6545	914710	470.63	11	3114	1
	Mon 26-Jan-09	470.63	475.00	0914710	63	4798	4015	0	1121	1071	1171	4760	913761	470.59	8	2265	1
	Tue 27-Jan-09	470.59	475.00	0913761	13	4748	4025	0	1124	1074	1174	4760	916389	470.70	8	2265	1
	Wed 28-Jan-09	470.70	475.00	0916389	-37	4698	4025	0	1124	1074	1174	4760	918917	470.80	8	2265	1
	Thu 29-Jan-09	470.80	475.00	0918917	-87	4648	4025	0	1124	1074	1174	4760	921347	470.90	8	2265	1
	Fri 30-Jan-09	470.90	475.00	0921347	-137	4598	4025	0	1124	1074	1174	4760	923677	**471.00**	8	2265	1
					LOC	TOT			GEN	MIN	MAX				**51**		
	Wed 14-Jan-09	316.82	326.58	1694618	1146	4872	3095	0	699			-4760	1693231	316.79	0.27	0.28	0.23
	Thu 15-Jan-09	316.89	326.62	1698042	2381	7190	3072	0	702			-4760	1701299	316.95	0.27	0.28	0.23
	Fri 16-Jan-09	316.90	326.67	1698930	302	6876	3012	0	689			-4760	1701682	316.96	0.30	0.28	0.23
T	Sat 17-Jan-09	316.93	326.71	1700230	2135	5340	3031	0	683			-4760	1699901	316.92	0.30	0.28	0.23
H	Sun 18-Jan-09	316.87	326.76	1697305	1175	2671	3222	0	706			-4760	1691303	316.76	0.30	0.28	0.22
U	Mon 19-Jan-09	316.87	326.80	1697002	2809	7195	2989	0	688	*0*	*0*	-4165	1701029	316.94	0.30	0.28	0.23
R	Tue 20-Jan-09	316.92	326.84	1699818	420	4704	3087	0	705	*3100*	*3100*	-6545	1696332	316.85	0.30	0.28	0.23
M	**Wed 21-Jan-09**	316.85	326.89	1696332	1000	1000	3100	0	702	674	674	-6545	1685473	316.64	0.30	0.28	0.23
O	Thu 22-Jan-09	316.64	326.93	1685473	700	700	3100	0	674	674	674	-4760	1675805	316.46	0.30	0.28	0.23
N	Fri 23-Jan-09	316.46	326.98	1675805	525	525	3100	0	674	674	674	-4760	1665790	316.27	0.30	0.28	0.23
D	Sat 24-Jan-09	316.27	327.02	1665790	1054	1054	3100	0	674	674	674	0	1661583	316.25	0.30	0.28	0.23
	Sun 25-Jan-09	316.18	327.07	1661583	738	738	3100	0	674	674	674	-6545	1650205	316.03	0.30	0.28	0.23
	Mon 26-Jan-09	316.03	327.11	1650205	553	5628	3100	0	674	674	674	-4760	1650309	315.99	0.30	0.28	0.23
	Tue 27-Jan-09	315.99	327.16	1650309	500	5575	3100	0	674	674	674	-4760	1650308	315.95	0.30	0.28	0.23
	Wed 28-Jan-09	315.95	327.20	1650308	500	5575	3100	0	674	674	674	-4760	1650307	315.91	0.30	0.28	0.23
	Thu 29-Jan-09	315.91	327.24	1650307	500	5575	3100	0	674	674	674	-4760	1650306	315.87	0.30	0.28	0.23
	Fri 30-Jan-09	315.87	327.29	1650306	500	5575	3100	0	674	674	674	-4760	1650305	**315.83**	0.30	0.28	0.23

	SOP POOL (FT-MSL)	RULE CURVE (FT-MSL)	STARTING STORAGE (AC-FT)	LOCAL IN (CFS)	TOTAL IN (CFS)	TOTAL OUT (CFS)	TOTAL SPILL (CFS)	EST GEN (MWH)	MIN GEN (MWH)	MAX GEN (MWH)	EST PUMP (AC-FT)	ENDING STORAGE (AC-FT)	ENDING POOL (FT-MSL)	HART Gen/Q	RBR Gen/Q	THUR Gen/Q
				1521	-293	1481	3073	696	0.23							
Weekly Generation Totals --->				4611	5588	4718		14917	27233		27233	-12316	0.00	51 unit-hours = Next Weeks Pumping		
for week beginning			Sat 24-Jan	Hartwell	Russell	Thurmond		Total	Target		Contract	Short	Pool Balance			
Weekly Average Discharge				1764	3625	3100										
Current Week Gen Totals				0	4350	4690		**9040** Originally Sche						61 unit-hours = Current Week Pumping		
for week beginning			Sat 17-Jan	987	3708	4831		9527 Observed/Projected								
Weekly Average Discharge				471	1910	3090		-487 Observed/Projected Short								

REMARKS:

RBR Fish Count Moritorium Jan 24 12:00 noon - Jan 25 12:00 noon. (No generation or pump)

(Sunset/Sunrise Calculation) http://aa.usno.navy.mil/data/docs/RS_OneYear.html

Hourly Pumping Schedule

Start	End	Unit-Hours
Wed 01/21 18:00 CST	Thu 01/22 05:00 CST	11
Thu 01/22 18:00 CST	Fri 01/23 05:00 CST	11
Fri 01/23 18:00 CST	Sat 01/24 05:00 CST	11
Sat 01/24 18:00 CST	Sun 01/25 05:00 CST	0
Sun 01/25 18:00 CST	Mon 01/26 05:00 CST	11
Mon 01/26 18:00 CST	Tue 01/27 05:00 CST	8
Tue 01/27 18:00 CST	Wed 01/28 05:00 CST	8
Wed 01/28 18:00 CST	Thu 01/29 05:00 CST	8
Thu 01/29 18:00 CST	Fri 01/30 05:00 CST	8
Fri 01/30 18:00 CST	Sat 01/31 05:00 CST	8

To: SEPA
To: CESAD
From: (CESAS-EN-HA)

1 Week
Declaration
SAVANNAH RIVER SYSTEM
Revised 2/4/2009 11:54

1 Reset=0

Approximate Usable Pump Window 10.00 HRS
0.00
10.00 HART Target 660.00
10.00 RBR Target 471.00
JST Target 330.00
Hdecay Rdecay Tdecay

		SOP POOL (FT-MSL)	RULE CURVE (FT-MSL)	STARTING STORAGE (AC-FT)	LOCAL IN (CFS)	TOTAL IN (CFS)	TOTAL OUT (CFS)	TOTAL SPILL (CFS)	EST GEN (MWH)	DAILY TOTAL MIN GEN (MWH)	DAILY TOTAL MAX GEN (MWH)	EST PUMP (AC-FT)	ENDING STORAGE (AC-FT)	COMP ENDING POOL (FT-MSL)
	Wed 28-Jan-09	645.98	657.20	1859878	1601	2356	2686	0	813			n/a	1859222	645.96
	Thu 29-Jan-09	645.93	657.24	1858027	1566	1816	3093	0	943			n/a	1855493	645.87
	Fri 30-Jan-09	645.87	657.29	1855436	934	1184	3105	0	952			n/a	1851621	645.78
	Sat 31-Jan-09	645.86	657.33	1855066	588	1921	0	0	0			n/a	1858881	645.95
H	Sun 01-Feb-09	645.93	657.38	1857957	817	1067	0	0	0			n/a	1860076	645.98
A	Mon 02-Feb-09	645.99	657.42	1860530	1509	1759	455	0	122			n/a	1863119	646.05
R	Tue 03-Feb-09	646.01	657.47	1861188	1476	1726	1921	0	571	*50*	*50*	n/a	1860800	646.00
T	**Wed 04-Feb-09**	646.00	657.51	1860800	1033	1283	2984	0	895	845	945	n/a	1857423	645.92
W	Thu 05-Feb-09	645.92	657.56	1857423	750	1000	1453	0	436	386	486	n/a	1856523	645.90
E	Fri 06-Feb-09	645.90	657.60	1856523	750	1000	1453	0	436	386	486	n/a	1855623	645.88
L	Sat 07-Feb-09	645.88	657.64	1855623	750	1077	0	0	0	0	50	n/a	1857762	645.93
L	Sun 08-Feb-09	645.93	657.69	1857762	750	1077	0	0	0	0	50	n/a	1859900	645.98
	Mon 09-Feb-09	645.98	657.73	1859900	750	1077	2050	0	615	565	665	n/a	1857967	645.93
	Tue 10-Feb-09	645.93	657.78	1857967	750	1077	2100	0	630	580	680	n/a	1855935	645.88
	Wed 11-Feb-09	645.88	657.82	1855935	750	1077	2100	0	630	580	680	n/a	1853902	645.83
	Thu 12-Feb-09	645.83	657.87	1853902	750	1077	2100	0	630	580	680	n/a	1851870	645.79
	Fri 13-Feb-09	645.79	657.91	1851870	750	1077	2100	0	630	580	680	n/a	1849838	**645.74**

					LOC	TOT			GEN	MIN	MAX				PUMP HR	PUMP CFS	AVL UNITS
	Wed 28-Jan-09	471.09	475.00	0925951	498	3184	3725	0	1037			4760	929638	471.24	8	2282	1
	Thu 29-Jan-09	471.19	475.00	0928420	252	3344	3989	0	1128			4760	931900	471.33	8	2267	1
	Fri 30-Jan-09	471.29	475.00	0930924	-534	2571	5097	0	1447			4760	930668	471.28	8	2275	1
	Sat 31-Jan-09	471.35	475.00	0932401	24	24	733	0	208			5950	936943	471.53	10	2837	1
	Sun 01-Feb-09	471.56	475.00	0937638	57	57	0	0	0			5950	943702	471.80	10	2834	1
R	Mon 02-Feb-09	471.58	475.00	0938032	92	547	5360	0	1511			3570	932044	471.34	6	1793	1
U	Tue 03-Feb-09	471.37	475.00	0932969	78	1999	5772	0	1667	*50*	*50*	4760	930236	471.26	8	2269	1
S	**Wed 04-Feb-09**	471.26	475.00	0930236	28	5277	7056	0	2001	1951	2051	4760	931463	471.31	8	2265	1
S	Thu 05-Feb-09	471.31	475.00	0931463	-22	3696	6423	0	1821	1771	1871	4760	926048	471.09	8	2265	1
E	Fri 06-Feb-09	471.09	475.00	0926048	-72	3646	6423	0	1821	1771	1871	4760	920534	470.87	8	2265	1
L	Sat 07-Feb-09	470.87	475.00	0920534	-122	2709	0	0	0	0	0	5950	925914	471.09	10	2831	1
L	Sun 08-Feb-09	471.09	475.00	0925914	-150	2681	0	0	0	0	0	5950	931239	471.30	10	2831	1
	Mon 09-Feb-09	471.30	475.00	0931239	-150	4165	4970	0	1409	1359	1459	4760	929641	471.24	8	2265	1
	Tue 10-Feb-09	471.24	475.00	0929641	-150	4215	4970	0	1409	1359	1459	4760	928141	471.18	8	2265	1
	Wed 11-Feb-09	471.18	475.00	0928141	-150	4215	4970	0	1409	1359	1459	4760	926642	471.12	8	2265	1
	Thu 12-Feb-09	471.12	475.00	0926642	-150	4215	4970	0	1409	1359	1459	4760	925142	471.06	8	2265	1
	Fri 13-Feb-09	471.06	475.00	0925142	-150	4215	4970	0	1409	1359	1459	4760	923643	**471.00**	8	2265	1

					LOC	TOT			GEN	MIN	MAX				**60**		
	Wed 28-Jan-09	316.08	327.20	1656203	1900	5625	3042	0	695			-4760	1656415	316.08	0.30	0.28	0.23
	Thu 29-Jan-09	316.11	327.24	1657482	2561	6550	3008	0	698			-4760	1659596	316.15	0.30	0.28	0.23
	Fri 30-Jan-09	316.14	327.29	1659193	987	6084	3027	0	694			-4760	1660345	316.16	0.31	0.28	0.23
T	Sat 31-Jan-09	316.03	327.33	1653582	1126	1859	3537	0	797			-5950	1644156	315.85	0.31	0.28	0.23
H	Sun 01-Feb-09	315.79	327.38	1640928	1161	1161	3549	0	792			-5950	1630092	315.58	0.31	0.28	0.22
U	Mon 02-Feb-09	315.73	327.42	1638090	2933	8293	3547	0	805	*0*	*0*	-3570	1643781	315.84	0.27	0.28	0.23
R	Tue 03-Feb-09	315.83	327.47	1643030	2826	8598	3491	0	800	*3600*	*3600*	-4760	1648247	315.93	0.30	0.29	0.23
M	**Wed 04-Feb-09**	315.93	327.51	1648247	2402	9458	3600	0	787	787	787	-4760	1654954	316.06	0.30	0.28	0.22
O	Thu 05-Feb-09	316.06	327.56	1654954	2042	8464	3600	0	787	787	787	-4760	1659691	316.15	0.30	0.28	0.23
N	Fri 06-Feb-09	316.15	327.60	1659691	1735	8158	3600	0	787	787	787	-4760	1663821	316.23	0.30	0.28	0.23
D	Sat 07-Feb-09	316.23	327.64	1663821	1215	1215	3600	0	787	787	787	-5950	1652992	316.02	0.30	0.28	0.23
	Sun 08-Feb-09	316.02	327.69	1652992	850	850	3600	0	787	787	787	-5950	1641440	315.80	0.30	0.28	0.23
	Mon 09-Feb-09	315.80	327.73	1641440	800	5770	3600	0	787	787	787	-4760	1640834	315.79	0.30	0.28	0.23
	Tue 10-Feb-09	315.79	327.78	1640834	800	5770	3600	0	787	787	787	-4760	1640228	315.77	0.30	0.28	0.23
	Wed 11-Feb-09	315.77	327.82	1640228	800	5770	3600	0	787	787	787	-4760	1639622	315.76	0.30	0.28	0.23
	Thu 12-Feb-09	315.76	327.87	1639622	800	5770	3600	0	787	787	787	-4760	1639016	315.75	0.30	0.28	0.23
	Fri 13-Feb-09	315.75	327.91	1639016	800	5770	3600	0	787	787	787	-4760	1638410	**315.74**	0.30	0.28	0.23

	SOP POOL (FT-MSL)	RULE CURVE (FT-MSL)	STARTING STORAGE (AC-FT)	LOCAL IN (CFS)	TOTAL IN (CFS)	TOTAL OUT (CFS)	TOTAL SPILL (CFS)	EST GEN (MWH)	MIN GEN (MWH)	MAX GEN (MWH)	EST PUMP (AC-FT)	ENDING STORAGE (AC-FT)	ENDING POOL (FT-MSL)	HART Gen/Q	RBR Gen/Q	THUR Gen/Q
				1213	67	1928	3315	754	0.23							
Weekly Generation Totals --->				3165	7045	5509		15719	26714		26714	-10995	0.00	60 unit-hours = Next Weeks Pumping		
for week beginning			Sat 7-Feb	Hartwell	Russell	Thurmond		Total	Target		Contract	Short	Pool Balance			
Weekly Average Discharge				1493	3550	3600										
Current Week Gen Totals				2460	9030	5338		**16828** Originally Sche						58 unit-hours = Current Week Pumping		
for week beginning			Sat 31-Jan	2460	9030	5554		17044 Observed/Projected								
Weekly Average Discharge				1181	4538	3561		-216 Observed/Projected Short								

REMARKS:

Hourly Pumping Schedule

Start	End	Unit-Hours
Wed 02/04 19:00 CST	Thu 02/05 05:00 CST	8
Thu 02/05 19:00 CST	Fri 02/06 05:00 CST	8
Fri 02/06 19:00 CST	Sat 02/07 05:00 CST	8
Sat 02/07 19:00 CST	Sun 02/08 05:00 CST	10
Sun 02/08 19:00 CST	Mon 02/09 05:00 CST	10
Mon 02/09 19:00 CST	Tue 02/10 05:00 CST	8
Tue 02/10 19:00 CST	Wed 02/11 05:00 CST	8
Wed 02/11 19:00 CST	Thu 02/12 05:00 CST	8
Thu 02/12 19:00 CST	Fri 02/13 05:00 CST	8
Fri 02/13 19:00 CST	Sat 02/14 05:00 CST	8

(Sunset/Sunrise Calculation) http://aa.usno.navy.mil/data/docs/RS_OneYear.html