

TABLES

TABLE 1
Average Monthly Temperatures
(Pre and Post-Uprate Conditions)

Month	Pre-Uprate Condition		Cooling Tower Cold Water Temperature	Post-Uprate Condition	
	Intake Temperature	Plant Discharge Temperature		Blended Intake and Cooling Tower Cold Water Temperature	Difference Between Blended and Original Intake Temperature
January	59.9	77.3	64.9	60.5	0.6
February	60.7	78.1	66.2	61.4	0.6
March	66.9	84.2	71.5	67.4	0.5
April	72.7	90.1	75.7	73.1	0.4
May	79.6	94.6	80.4	79.7	0.1
June	85.2	100.2	84.8	85.1	0.0
July	87.0	102.1	86.1	86.9	-0.1
August	87.0	102.1	86.2	86.9	-0.1
September	83.0	98.0	84.9	83.2	0.2
October	77.4	92.4	81.1	77.8	0.4
November	68.3	85.7	74.8	69.1	0.8
December	60.7	78.0	66.7	61.4	0.7

TABLE 2

**Maximum (Peak) Monthly Temperatures
(Pre and Post-Uprate Conditions)**

Month	Intake Temperature	Plant Discharge Temperature	Cooling Tower Cold Water Temperature	Blended Intake and Cooling Tower Cold Water Temperature	Difference Between Blended and Original Intake Temperature
January	69.5	86.9	78.3	70.5	1.0
February	66.6	84.0	76.6	67.8	1.2
March	73.4	90.8	81.3	74.3	0.9
April	81.7	99.1	84.3	82.0	0.3
May	87.4	102.4	87.4	87.4	0.0
June	90.7	105.7	89.2	90.5	-0.2
July	90.8	105.8	89.8	90.7	-0.1
August	90.8	105.8	89.7	90.7	-0.1
September	88.4	103.4	89.0	88.5	0.1
October	84.6	99.6	87.2	84.9	0.3
November	80.4	97.8	85.6	81.0	0.6
December	71.0	88.4	80.1	72.1	1.1

TABLE 3

**Average Monthly Discharge Temperatures
(Pre and Post-Uprate Conditions)**

Month	Pre-Uprate Conditions		Post-Uprate Condition		
	Existing Discharge Temperature	Existing Discharge Canal Exit Temperature with HCT*	Uprated Plant Discharge Temperature	Uprated Discharge Canal Exit Temperature with HCT	Difference Between Uprated and Original Discharge Canal Exit Temperature*
January**	79.6	79.6	77.3	77.3	-2.3
February**	80.4	80.4	78.1	78.1	-2.3
March**	86.6	86.6	84.2	84.2	-2.3
April**	92.4	92.4	90.1	90.1	-2.3
May	96.3	86.0	94.6	85.8	-0.2
June	101.9	91.3	100.2	90.6	-0.7
July	103.8	92.6	102.1	92.1	-0.5
August	103.8	92.7	102.1	92.2	-0.5
September	99.7	90.5	98.0	89.9	-0.6
October**	94.1	94.1	92.4	92.4	-1.7
November**	88.0	88.0	85.7	85.7	-2.3
December**	80.4	80.4	78.0	78.0	-2.3

* Assuming All HCT cells operating except when none are needed

** No Supplemental Cooling Needed to meet temperature limits

TABLE 4

**Maximum (Peak) Monthly Discharge Temperatures
(Pre and Post-Upgrade Conditions)**

Month	Pre-Upgrade Condition		Post-Upgrade Condition		
	Existing Plant Discharge Temperature	Existing Discharge Canal Exit Temperature with HCT*	Upgraded Plant Discharge Temperature	Upgraded Discharge Canal Exit Temperature with HCT	Difference Between Upgraded and Original Discharge Canal Exit Temperature*
January	89.19	89.2	86.87	86.9	-2.3
February	86.29	86.3	83.97	84.0	-2.3
March	93.09	93.1	90.77	90.8	-2.3
April	101.39	88.7	99.07	88.6	-0.1
May	104.14	93.5	102.43	93.1	-0.4
June	107.44	95.9	105.73	95.5	-0.4
July	107.54	96.2	105.83	95.9	-0.3
August	107.54	96.1	105.83	95.8	-0.3
September	105.14	94.9	103.43	94.5	-0.4
October	101.34	92.5	99.63	91.9	-0.6
November	100.09	89.4	97.77	89.1	-0.3
December	90.69	90.7	88.37	88.4	-2.3

* Assuming All HCT cells operating

TABLE 5

**Average Heat Load Conditions Exiting the Discharge Canal
(Pre and Post-Uprate Conditions)**

Month	Pre-Uprate Condition		Post-Uprate Condition		
	Intake Temperature	Existing Discharge Canal Exit Temperature	Uprated Discharge Canal Exit Temperature	Existing Discharge Canal Exit Billion Btu/Hour (Average Conditions)	Uprated Discharge Canal Exit Billion Btu/hour (Average Conditions)
January	59.9	79.6	77.3	10.927	9.607
February	60.7	80.4	78.1	10.925	9.605
March	66.9	86.6	84.2	10.929	9.608
April	72.7	92.4	90.1	10.927	9.607
May	79.6	86.0	85.8	4.208	4.043
June	85.2	91.3	90.6	3.993	3.557
July	87.0	92.6	92.1	3.665	3.327
August	87.0	92.7	92.2	3.708	3.368
September	83.0	90.5	89.9	4.894	4.489
October	77.4	94.1	92.4	10.944	9.798
November	68.3	88.0	85.7	10.925	9.605
December	60.7	80.4	78.0	10.929	9.608

Existing Discharge Canal Exit Flow Rate = 1,308,027 gpm May - Oct

Uprated Discharge Canal Exit Flow Rate = 1,304,271 gpm May - Oct

Existing Discharge Canal Exit Flow Rate = 1,110,319 gpm Nov - Apr

Uprated Discharge Canal Exit Flow Rate = 1,106,563 gpm Nov - Apr

TABLE 6

**Maximum Heat Load Exiting the Discharge Canal
(Pre and Post-Up-rate Conditions)**

Month	Pre-Up-rate Condition		Post Up-rate Condition		
	Intake Temperature	Existing Discharge Canal Exit Temperature with HCT*	Anticipated Up-rated Discharge Canal Exit Temperature with HCT	Existing Discharge Canal Exit Billion Btu/Hour (Maximum)	Anticipated Up-rated Discharge Canal Exit Billion Btu/hour (Maximum)
January	69.5	89.2	86.9	10.9267	9.6067
February	66.6	86.3	84.0	10.9267	9.6067
March	73.4	93.1	90.8	10.9267	9.6067
April	81.7	88.7	88.6	3.8846	3.8161
May	87.4	93.5	93.1	3.9792	3.7055
June	90.7	95.9	95.5	3.3788	3.0975
July	90.8	96.2	95.9	3.5074	3.3001
August	90.8	96.1	95.8	3.4645	3.2596
September	88.4	94.9	94.5	4.2365	3.9487
October	84.6	92.5	91.9	5.1800	4.7593
November	80.4	89.4	89.1	4.9944	4.8116
December	71.0	90.7	88.4	10.9267	9.6067

Existing Discharge Canal Exit Flow Rate = 1,308,027 gpm May - Oct
 Up-rated Discharge Canal Exit Flow Rate = 1,304,271 gpm May - Oct
 Existing Discharge Canal Exit Flow Rate = 1,110,319 gpm Nov - Apr
 Up-rated Discharge Canal Exit Flow Rate = 1,106,563 gpm Nov - Apr

TABLE 7
Monthly Water Usage for Units 1, 2, and 3

Monthly Usage (gallons)				
<u>Month</u>	<u>Year</u>	<u>Days/Mo</u>	<u>South (U1&2)</u>	<u>CR3 Usage</u>
January	2004	31	20,195,200	10,911,600
February	2004	29	17,627,400	8,943,800
March	2004	31	19,871,100	9,826,000
April	2004	30	20,140,200	10,480,200
May	2004	31	19,620,300	10,918,800
June	2004	30	22,408,100	11,116,000
July	2004	31	25,341,800	12,124,520
August	2004	31	23,154,100	12,018,800
September	2004	30	17,165,200	11,133,600
October	2004	31	18,115,000	11,059,000
November	2004	30	22,644,800	11,048,600
December	2004	31	19,123,100	11,085,600
January	2005	31	23,855,400	9,906,976
February	2005	28	21,732,100	9,641,470
March	2005	31	22,549,800	11,082,770
April	2005	30	21,518,300	10,541,200
May	2005	31	23,156,900	11,779,200
June	2005	30	23,991,500	11,937,200
July	2005	31	24,023,600	12,228,200
August	2005	31	21,016,715	10,594,000
September	2005	30	17,359,200	11,007,000
October	2005	31	20,312,285	11,298,000
November	2005	30	17,372,900	10,816,000
December	2005	31	19,195,000	11,821,600
January	2006	31	22,387,500	11,531,800
February	2006	28	18,871,100	10,369,830
March	2006	31	18,495,500	10,322,000
April	2006	30	21,231,200	10,802,400
May	2006	31	20,475,100	10,984,128
June	2006	30	19,926,000	11,582,960
July	2006	31	22,324,400	12,571,000
August	2006	31	22,614,200	12,793,958
September	2006	30	22,182,800	12,540,000
October	2006	31	24,390,900	12,148,200
November	2006	30	21,137,200	12,205,400
December	2006	31	22,384,000	13,012,760
January	2007	31	22,831,300	12,718,790
February	2007	28	19,198,600	9,478,350
March	2007	31	19,198,600	12,266,800
April	2007	30	21,840,100	11,648,470
May	2007	31	20,491,100	12,797,920
June	2007	30	22,216,600	9,670,800

FIGURES

FIGURE 1
Average Intake Monthly Temperatures
(Pre and Post-Uprate Conditions)

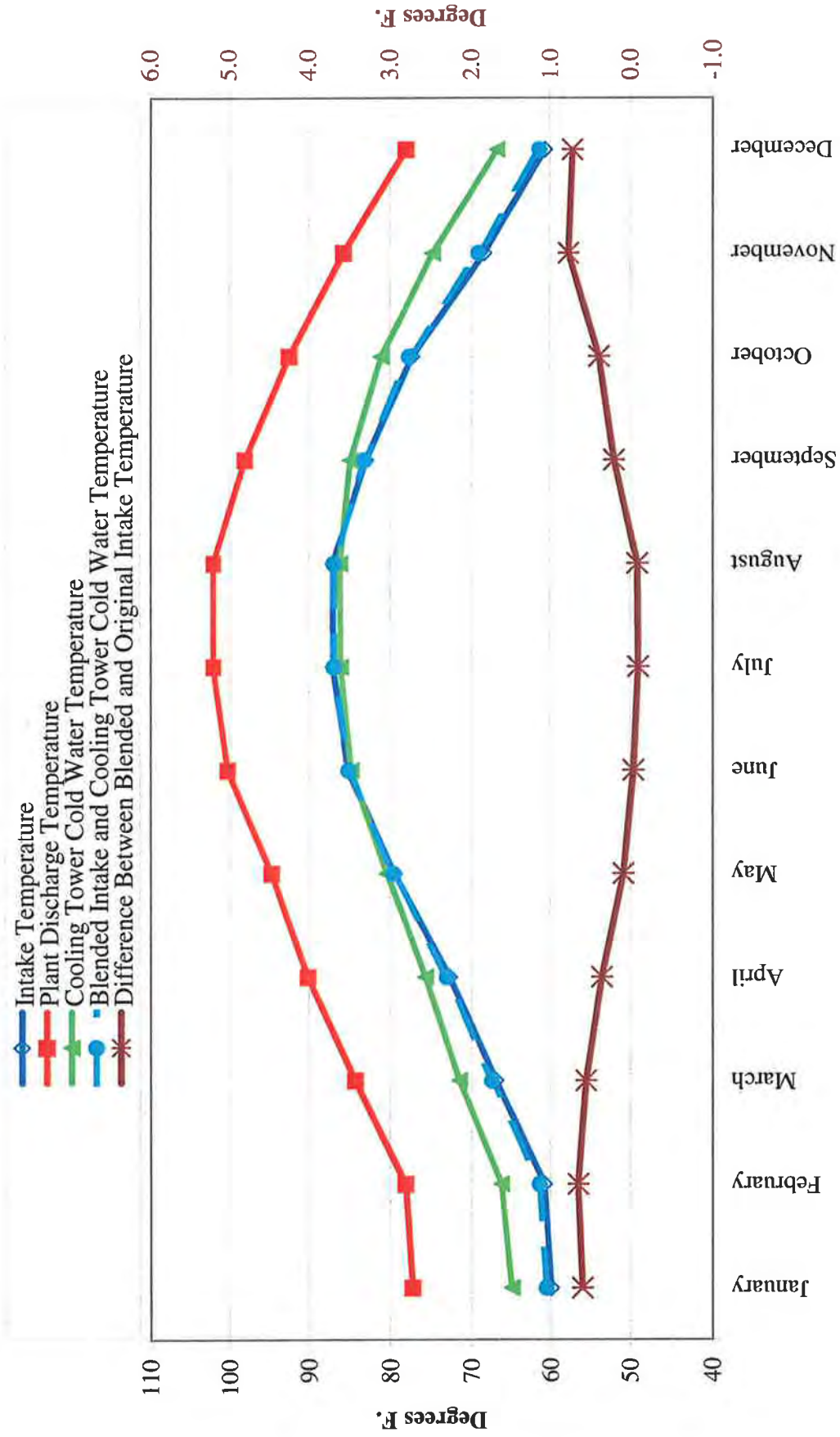


FIGURE 2
Maximum (Peak) Intake Monthly Temperatures
(Pre and Post-Uprate Conditions)

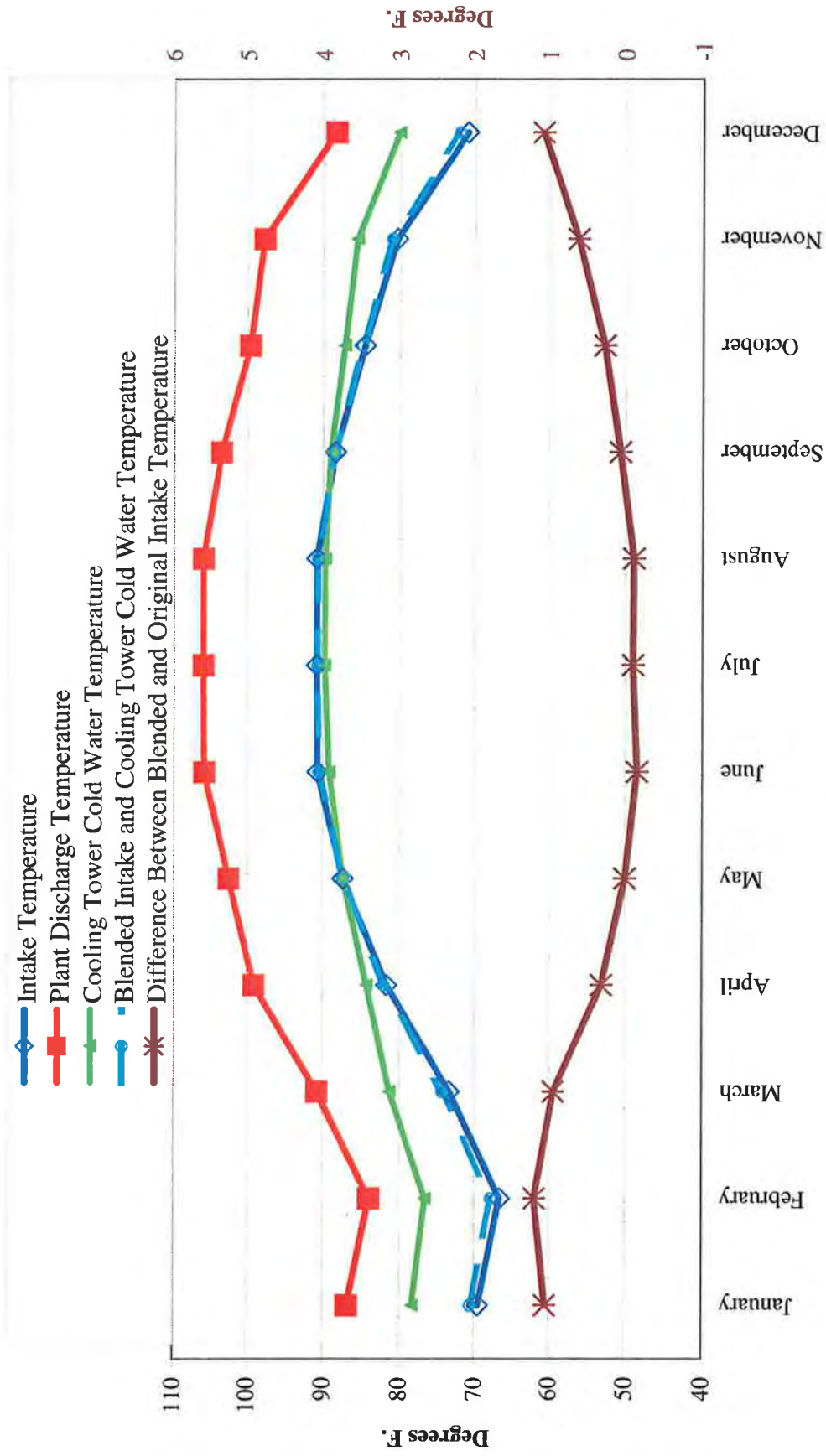


FIGURE 3
Average Monthly Discharge Temperatures
(Pre and Post-Uprate Conditions)

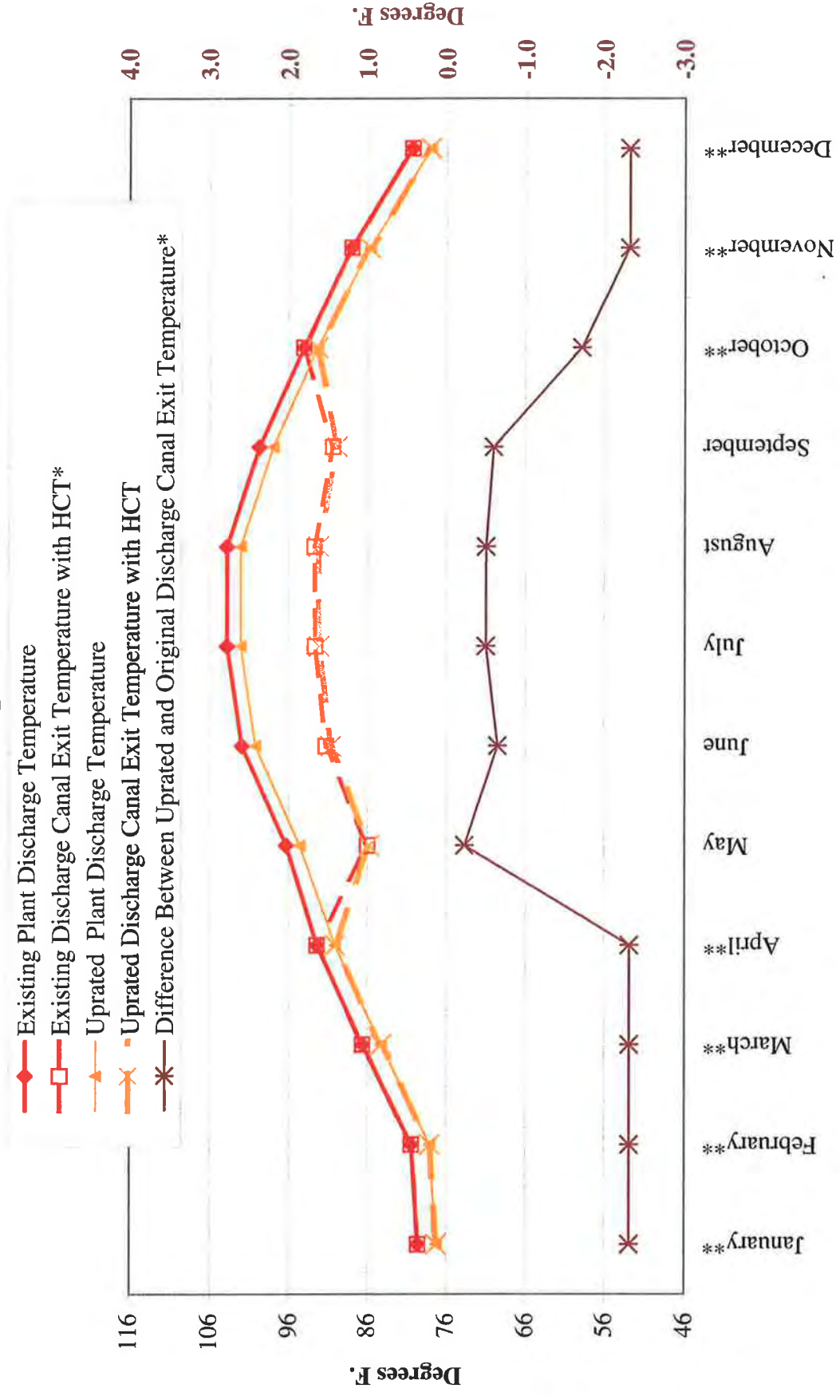


FIGURE 4
Maximum (Peak) Monthly Discharge Temperatures
(Pre and Post-Uprate Conditions)

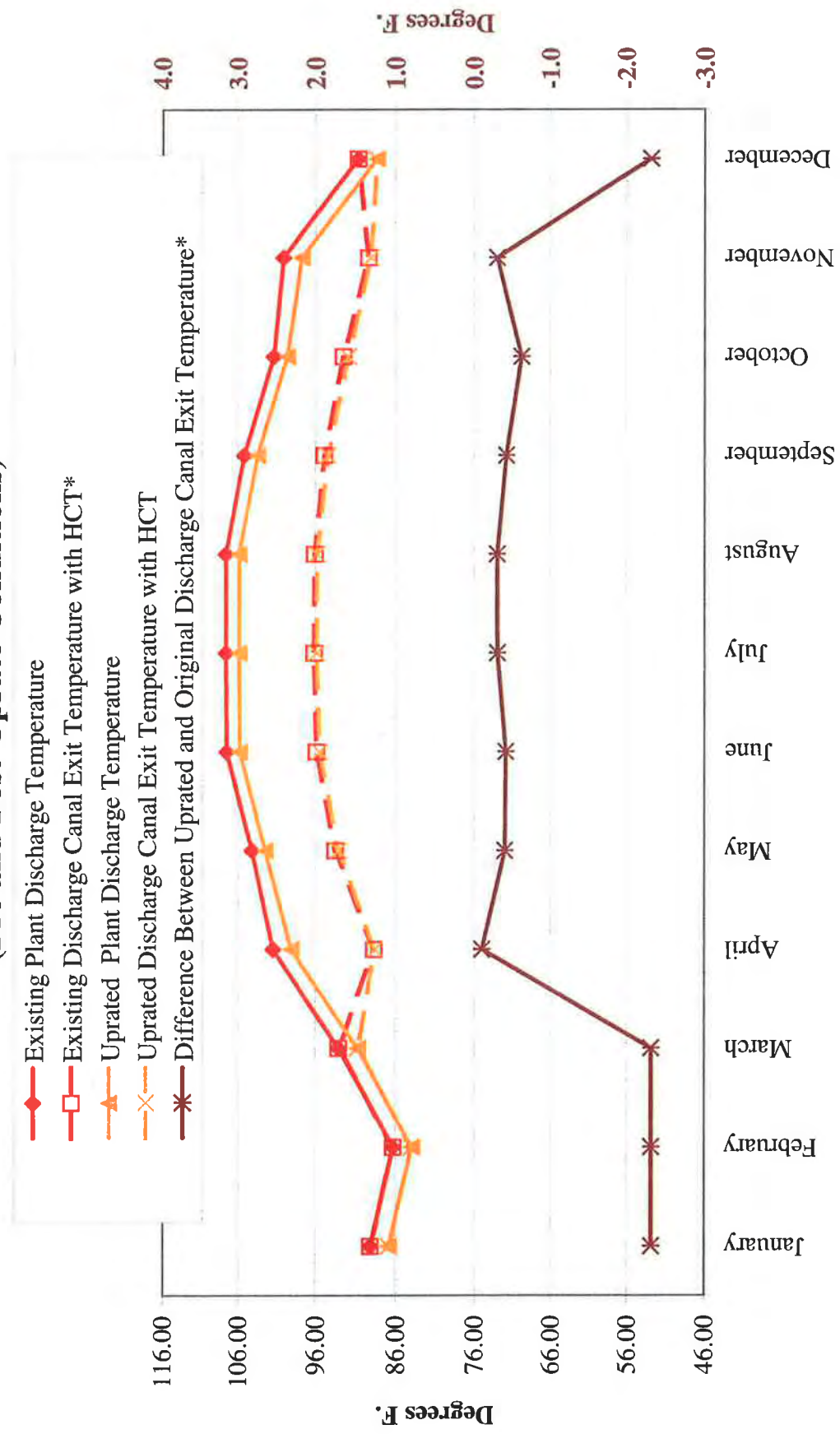


FIGURE 5
Average Heat Load Exiting the Discharge Canal
(Pre and Post-Upgrade Conditions)

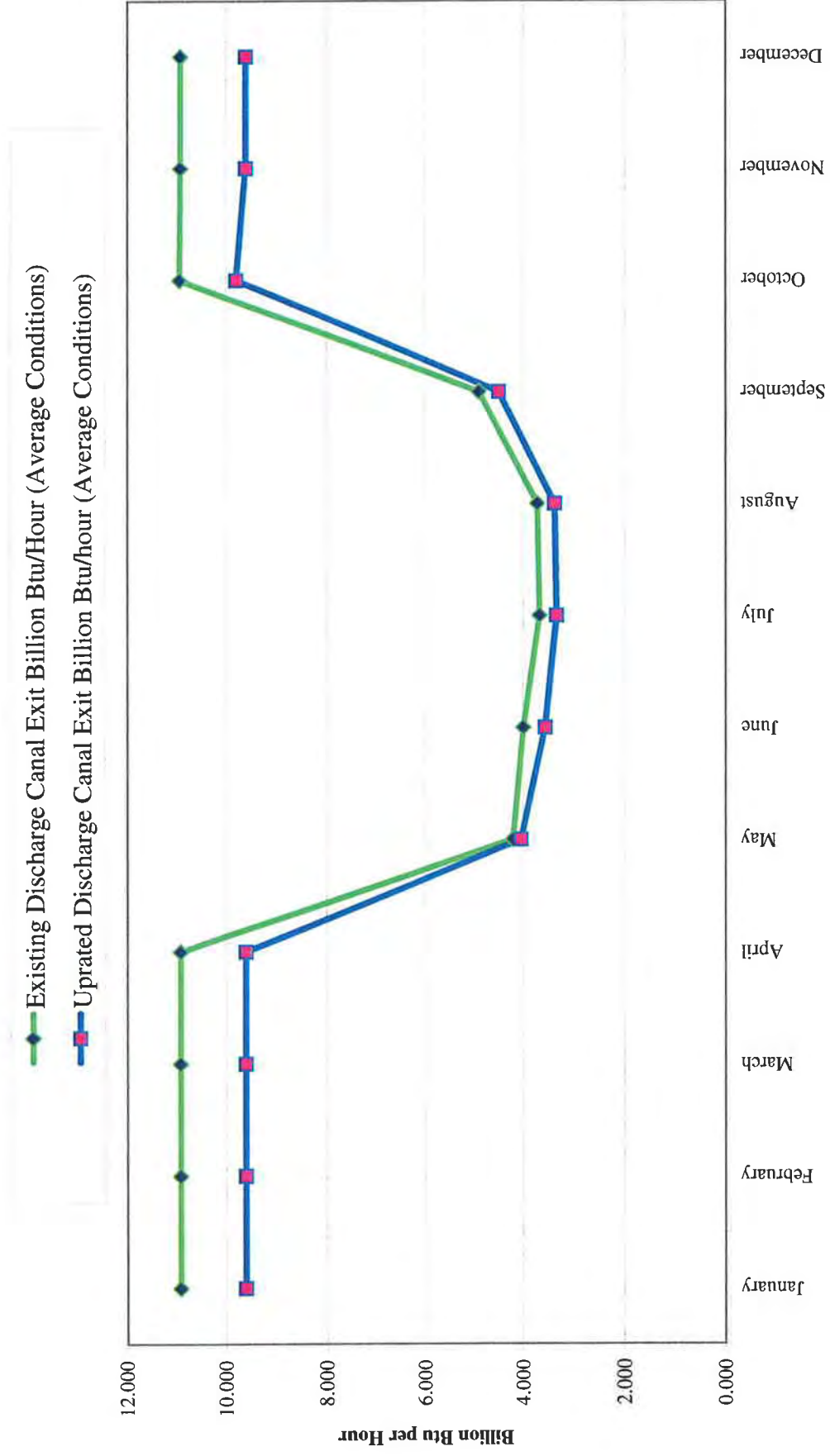


FIGURE 6
Maximum Heat Load Exiting the Discharge Canal
(Pre and Post-Uprate Conditions)

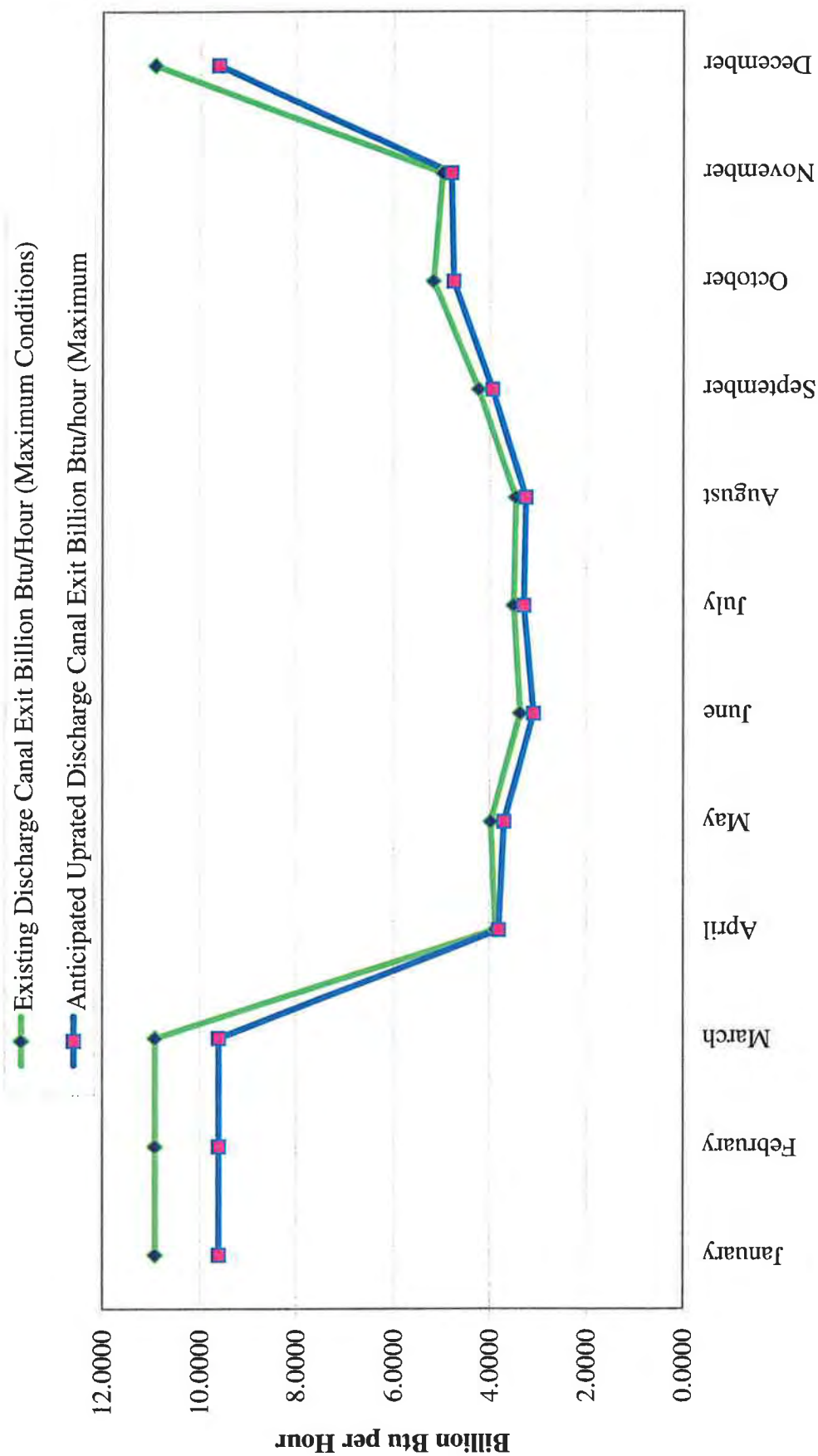
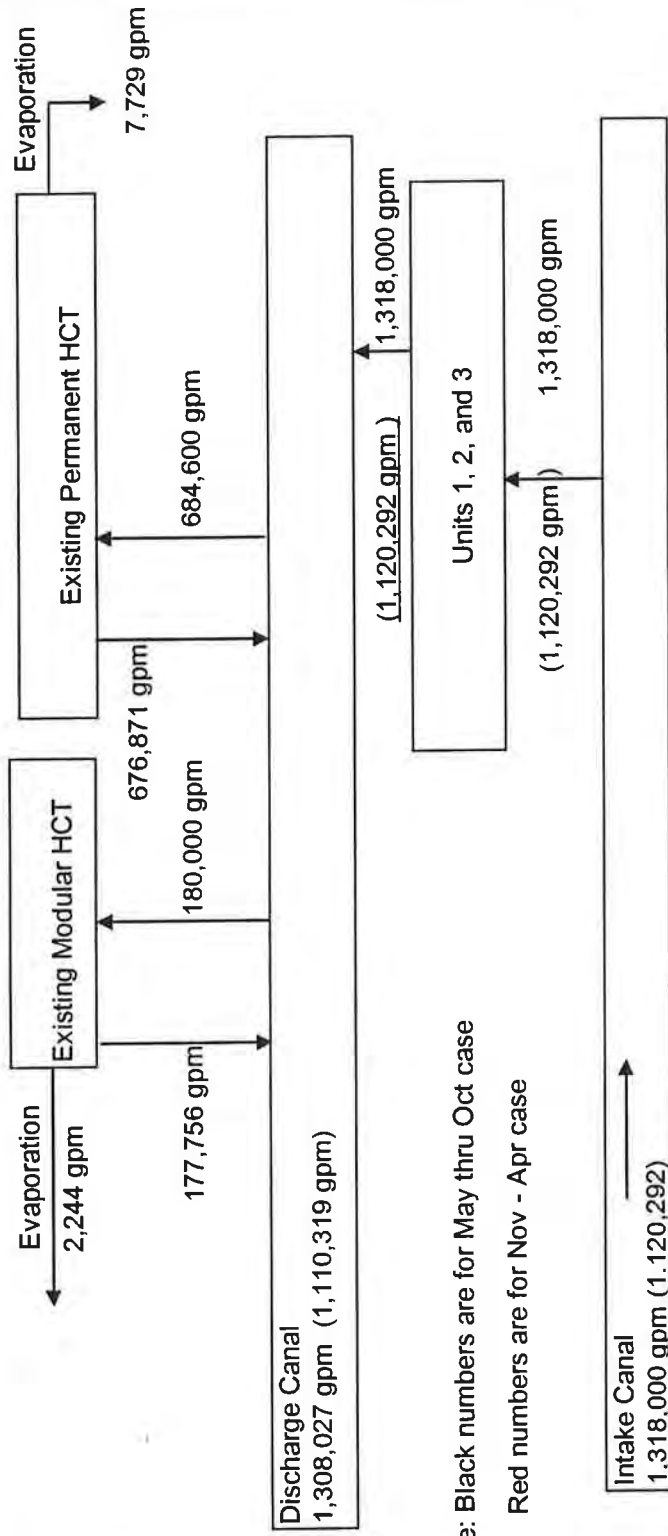


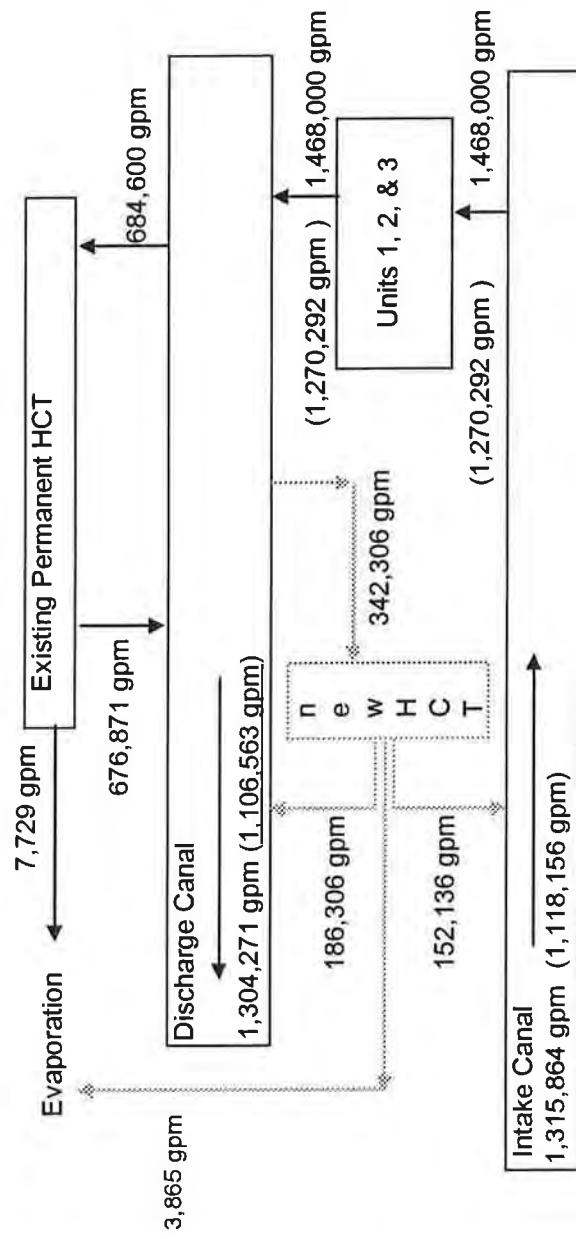
FIGURE 7
Pre-Upgrade Circulating Water Flow Rates



Note: Black numbers are for May thru Oct case

Red numbers are for Nov - Apr case

FIGURE 8
Post-Uprate Circulating Water Flow Rates



Green indicates added with uprate

Red indicates during period of Nov - Apr

Black indicates during period May - Oct