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Operating History

**U.S. Central Station Nuclear
Power Plants**

1976

Energy Research & Development Administration
Division of Nuclear Research & Applications

950 3532

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Energy Research & Development Administration
Division of Nuclear Research & Applications

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OPERATING HISTORY
OF
U.S. CENTRAL STATION NUCLEAR POWER PLANTS

The information assembled in this booklet highlights the operating history of U.S. Central Station nuclear power plants through December 31, 1976. The information presented herein is based on data furnished by the operating electric utilities and was prepared by the Division of Nuclear Research and Applications of the U.S. Energy Research and Development Administration (ERDA). The information is presented in the form of statistical tables and computer printouts of major shutdown periods for each nuclear unit. Starting with 1976, the information is based on data prepared by the utilities for the Nuclear Regulatory Commission (NRC), whereas previously the data was submitted separately to ERDA and the former U.S. Atomic Energy Commission. For 1976 the capacity factor data for each unit is presented both on the basis of its net design electrical rating and its net maximum dependable capacity, as reported by the operating utility to the Nuclear Regulatory Commission.

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TABLE 1 - SELECTED OPERATING STATISTICS 1976

PERFORMANCE INDICATORS

	DESIGN CAPACITY (MWE NET)	INITIAL CRITICALITY	FIRST ELECTRICITY	...POWER PRODUCTION...		REACTOR.....		PLANT.....		
				ELECTRICAL (MWH NET)	THERMAL (MWH GROSS)	CRITICALITY HOURS	AVAIL FAC(%)	AVAIL FAC(%)	DESIGN 1/ CAPACITY FAC(%)	MAX. DEF. 2/ CAPACITY FAC(%)
SHIPPINGPORT 3/	90.0	12/57	12/57	0	0	0	0.0	0.0	0.0	0.0
CRESDEN #1	200.0	10/59	04/60	553,015	3,424,343	7,534	85.8	84.2	54.2	55.1
YANKEE	175.0	08/60	11/60	1,251,255	4,250,085	7,556	91.2	89.8	81.4	81.4
INDIAN POINT #1 3/	265.0	08/62	09/62	0	0	0	0.0	0.0	0.0	0.0
BIG ROCK PT.	72.0	09/62	12/62	244,453	830,075	4,515	51.4	50.1	38.7	39.2
HUMBOLDT BAY	63.0	02/63	04/63	196,742	681,902	4,111	46.8	46.4	25.6	35.6
N REACTOR	850.0	12/63	04/66	2,210,000	11,761,000	3,351	38.1	38.0	30.9	32.0
SAN ONCFRE #1	430.0	06/67	07/67	2,472,911	7,749,021	6,252	71.2	70.2	65.5	65.5
HADDAM	575.0	07/67	08/67	4,027,805	12,564,154	7,587	87.3	82.5	79.7	83.4
LACROSSE	50.0	07/67	04/68	173,061	609,336	4,372	45.8	47.6	29.4	41.0
CYSTER CREEK #1	650.0	05/69	05/69	3,660,347	11,757,821	7,027	80.0	79.3	67.6	70.9
NINE MILE #1	610.0	09/69	11/69	4,112,827	13,086,781	7,887	94.4	88.2	76.8	76.8
GUNNA #1	490.0	11/69	12/69	2,060,541	6,984,360	5,301	69.0	58.2	47.9	45.9
DRESDEN #2	809.0	01/70	04/70	4,371,554	14,281,659	6,874	78.2	75.9	61.5	64.5
ROBINSON #2	712.0	09/70	09/70	4,874,089	15,867,245	7,579	87.5	84.7	77.5	82.4
MILLSTONE #1	652.0	10/70	11/70	3,754,453	11,636,054	6,853	83.5	76.1	65.6	66.1
POINT BEACH #1	497.0	11/70	11/70	3,464,082	10,415,179	7,444	84.8	82.7	78.0	78.3
MONTICELLO	545.0	12/70	03/71	3,566,360	12,343,438	8,228	93.7	91.5	83.3	84.7
CRESDEN #3	809.0	01/71	07/71	4,024,541	12,233,236	7,264	83.8	82.4	56.8	59.4
PALISADES	668.0	05/71	12/71	2,847,033	9,663,024	5,184	99.0	55.2	48.5	47.4
QUAD CITIES #1	789.0	10/71	04/72	3,353,062	11,418,561	5,548	72.9	64.9	49.0	50.2
VERMONT YANKEE	514.0	03/72	09/72	3,260,016	10,192,187	6,540	79.0	77.1	72.2	73.6
QUAD CITIES #2	789.0	04/72	05/72	4,304,684	14,440,036	7,331	82.8	81.3	62.1	63.7
POINT BEACH #2	497.0	05/72	06/72	3,762,018	11,390,341	8,065	91.8	90.7	86.2	86.5
PILGRIM #1	655.0	06/72	07/72	2,415,511	7,603,200	5,462	82.2	60.7	42.0	41.0
SURRY #1	822.0	07/72	07/72	4,396,885	14,305,668	6,058	69.0	68.5	60.9	62.5
TURKEY POINT #3	693.0	10/72	11/72	4,320,173	14,417,328	6,760	77.7	75.9	71.0	73.8
MAINE YANKEE	790.0	10/72	11/72	5,928,868	19,452,770	8,296	95.6	95.0	85.4	88.8
SURRY #2	822.0	03/73	03/73	3,343,321	10,836,494	4,685	53.4	52.3	46.3	48.3
OCONEE #1	887.0	04/73	05/73	3,993,884	12,161,569	5,244	60.8	57.3	51.3	52.2
INDIAN POINT #2	873.0	05/73	06/73	2,267,654	7,602,551	3,247	37.0	34.8	29.6	29.9
TURKEY POINT #4	693.0	06/73	06/73	3,771,836	12,410,734	6,076	69.4	66.4	62.0	64.5
ZION #1	1,040.0	06/73	06/73	4,756,655	15,581,067	5,643	64.2	62.1	52.1	53.5
BROWNS FERRY #1	1,065.0	08/73	10/73	1,301,183	4,034,830	2,335	62.9	24.8	12.9	12.9
FORT CALHOUN #1	457.0	08/73	08/73	2,195,406	7,146,813	6,228	71.6	69.5	54.7	56.4
PEACH BOTTOM #2	1,065.0	09/73	02/74	5,569,633	17,739,875	6,147	70.0	68.2	59.5	60.3
OCONEE #2	887.0	11/73	12/73	4,228,972	13,093,303	5,668	64.5	62.5	54.3	55.3
PRAIRIE ISLAND #1	530.0	12/73	12/73	3,268,827	10,621,439	6,949	79.5	77.4	70.2	71.5
ZION #2	1,040.0	12/73	/	4,641,207	15,478,190	5,559	63.2	61.8	50.8	52.1
FT ST VRAIN	330.0	01/74	12/76	17,515	203,566	1,803	20.5	N/A	N/A	N/A
COOPER	778.0	02/74	05/74	3,642,530	11,850,347	6,756	76.9	75.5	53.3	54.3

NOTE: N/A - Not available

TABLE 1 - SELECTED OPERATING STATISTICS 1976

PERFORMANCE INDICATORS										
	DESIGN CAPACITY (MWE NET)	INITIAL CRITICALITY	FIRST ELECTRICITY	...POWER PRODUCTION.... ELECTRICAL (MWF NET)	THERMAL (MWH GROSS)	REACTOR..... CRITICALITY HOURS	AVAIL FAC(%)	AVAIL FAC(%)	PLANT..... DESIGN CAPACITY FAC(%)	MAX. DEP. CAPACITY FAC(%)
KEWAUNEE #1	535.0	03/74	04/74	3,383,265	10,806,217	7,216	84.9	78.5	72.0	74.8
ARNOLD #1	538.0	03/74	05/74	2,489,342	8,023,776	7,002	75.7	78.0	52.7	55.0
THREE MILE #1	819.0	06/74	06/74	4,325,625	13,926,275	5,839	73.4	65.4	60.3	62.3
BROWNS FERRY #2	1,065.0	07/74	08/74	1,567,170	4,950,069	2,837	100.0	29.0	16.8	16.8
PEACH BOTTOM #3	1,065.0	08/74	09/74	6,049,644	19,458,506	7,056	80.3	77.7	64.7	66.5
ARKANSAS ONE #1	850.0	08/74	08/74	3,887,946	12,072,746	5,064	59.9	56.6	52.1	52.9
OCONEE #3	887.0	09/74	09/74	4,755,208	14,450,167	6,258	71.2	65.2	61.0	62.2
RANCHO SECO #1 ^{4/}	513.0	09/74	10/74	2,205,091	6,908,230	2,966	57.8	30.4	27.5	28.8
HATCH #1	786.0	09/74	11/74	4,122,765	12,770,699	7,731	88.0	83.1	59.9	59.9
CALVERT CLIFFS #1	845.0	10/74	12/74	6,303,941	19,757,729	8,400	56.1	95.2	84.9	89.7
FITZPATRICK	821.0	11/74	02/75	4,156,258	12,637,857	6,527	74.2	71.6	57.6	61.5
PRAIRIE ISLAND #2	530.0	12/74	12/74	2,660,701	9,559,459	6,840	78.5	75.8	57.2	58.3
COOK #1	1,054.0	01/75	02/75	6,804,954	21,484,038	7,284	84.1	83.1	73.5	74.2
BRUNSWICK #2	821.0	03/75	04/75	2,486,535	7,807,964	5,259	59.9	56.0	34.5	35.8
MILLSTONE #2	828.0	10/75	11/75	4,542,170	15,155,524	7,281	55.4	78.7	62.5	66.3
TROJAN #1	1,130.0	12/75	/	2,102,986	7,540,494	3,631	54.8	64.0	21.2	25.3
INDIAN POINT #3 ^{4/}	873.0	04/76	04/76	1,872,547	5,872,782	2,345	78.8	76.6	72.1	72.1
ST. LUCIE #1	810.0	04/76	05/76	98,975	247,603	1,630	N/A	N/A	46.3	46.7
BEAVER VALLEY #1 ^{4/}	852.0	05/76	05/76	441,530	1,973,248	1,974	N/A	N/A	N/A	N/A
BROWNS FERRY #3	1,065.0	08/76	/	1,416,851	4,456,486	2,284	N/A	77.5	50.1	50.1
BRUNSWICK #1	821.0	10/76	12/76	30,399	160,372	N/A	N/A	N/A	N/A	N/A
CALVERT CLIFFS #2	845.0	11/76	12/76	116,011	434,096	594	N/A	N/A	N/A	N/A
SALEM #1	1,090.0	12/76	/		48,697	302	N/A	N/A	N/A	N/A

^{1/} Unit capacity factor based on Nuclear Regulatory Commission (NRC) net design electric rating (DER)

^{2/} Unit capacity factor based on NRC net maximum dependable capacity (MDC) rating

^{3/} Not in operation in 1976

^{4/} Put in commercial operation in 1976

NOTE - Crystal River 3 licensed to operate in late 1976 with no data available yet

TABLE 2 - GENERATION OF THERMAL ENERGY BY CENTRAL STATION NUCLEAR POWER PLANTS
(GROSS TMWH BY YEARS)

	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972
SHIPPINGPORT	1,440,000	118,000	1,249,219	2,059,794	1,915,263	1,475,812	1,162,460	1,304,718	955,749	857,238
CRESDEN #1	2,136,675	2,328,510	3,315,583	4,781,128	2,768,700	3,199,385	2,851,837	4,772,040	2,377,872	3,762,787
YANKEE	3,287,372	4,200,951	3,400,357	4,514,275	4,507,719	4,290,227	3,959,567	4,127,520	5,016,512	2,396,226
INDIAN POINT #1	2,148,125	1,374,070	2,463,285	2,613,400	3,677,371	3,475,288	3,762,765	754,515	2,876,507	2,693,864
BIG ROCK PT.	400,287	625,516	611,192	1,124,246	1,718,576	1,414,506	1,302,207	1,176,292	1,205,599	1,195,550
HUMBOLDT BAY	565,344	1,220,578	891,522	586,548	1,126,634	1,507,600	1,278,516	1,358,876	1,140,737	1,250,385
N REACTOR				11,970,000	14,375,500	20,415,000	18,844,000	12,525,000	11,770,000	13,700,500
SAN CNCFRE #1					1,183,703	4,046,495	7,858,832	9,191,990	9,956,701	8,528,772
HADDAM					1,697,463	5,492,857	11,544,534	11,406,386	13,416,372	13,780,524
LACROSSE					420	21,852	245,784	447,816	707,256	816,552
CYSTER CREEK #1							1,195,344	10,603,148	11,673,098	12,981,053
NINE MILE #1							254,957	5,540,025	5,145,980	10,010,627
CINNA #1							153,720	6,840,240	8,504,065	7,707,240
CRESDEN #2								4,111,690	8,736,552	10,385,353
ROBINSON #2								63,654	7,850,675	15,536,932
MILLSTONE #1								287,705	11,112,012	9,687,612
POINT BEACH #1								632,255	10,025,688	9,145,032
MONTICELLO									14,871,105	10,534,823
CRESDEN #3									3,588,235	14,807,674
PALISADES									800	5,517,752
CLAD CITIES #1										7,555,545
VERMONT YANKEE										1,479,512
CLAD CITIES #2										4,921,980
POINT BEACH #2										813,584
PILGRIM #1										2,654,184
SARRY #1										1,245,510
MAINE YANKEE										1,435,873
TURKEY POINT #3										353,613

Decommissioned plants:

Hallam: 638,760 TMWH for 1963-1964
 Elk River: 1,272,416 TMWH for 1963-1968
 Piqua: 256,972 TMWH for 1963-1966
 CVTR: 859,105 TMWH for 1963-1967
 Bonus: 259,588 TMWH for 1964-1967
 Pathfinder: 399,241 TMWH for 1966-1967
 Peach Bottom #1: 3,722,550 TMWH for 1966-1974
 Fermi #1: 161,383 TMWH for 1966; 1970-1971

TABLE 2 - GENERATION OF THERMAL ENERGY BY CENTRAL STATION NUCLEAR POWER PLANTS
(GROSS TMMH BY YEARS)

	1973	1974	1975	1976	TOTAL
SHIPPINGPORT	891,275	102,162	0	0	18,400,790
CRESDEN #1	2,430,085	1,335,165	2,557,648	3,424,343	50,831,647
YANKEE	3,571,673	3,073,901	4,020,421	4,250,085	60,057,883
INDIAN POINT #1	0	2,521,166	0	0	29,022,043
BIG ROCK PT.	1,414,505	1,125,110	577,036	830,079	15,126,701
HUMBOLDT BAY	1,467,720	1,272,490	1,321,534	681,502	15,711,186
N REACTOR	20,060,000	18,638,000	16,870,000	11,761,000	171,329,000
SAN CNCFRE #1	7,390,177	9,758,530	10,032,025	7,749,021	75,436,250
HADDAM	7,728,611	14,157,150	13,402,843	12,964,154	109,550,895
LACROSSE	684,528	1,084,345	521,403	609,336	5,539,296
CYSTER CREEK #1	10,864,995	11,124,068	9,807,282	11,797,821	80,046,810
NINE MILE #1	10,572,154	10,513,759	9,680,130	13,086,781	69,644,453
GINNA #1	10,748,127	6,712,560	5,706,555	6,984,360	57,356,867
CRESDEN #2	16,348,176	11,330,106	9,664,075	14,281,659	74,857,651
ROBINSON #2	12,455,305	15,551,544	13,588,661	15,867,245	80,914,060
MILLSTONE #1	5,956,975	11,160,086	12,054,041	11,636,054	61,854,529
POINT BEACH #1	8,508,872	10,129,272	9,242,974	10,415,179	58,459,272
MONTICELLO	9,899,181	8,538,483	8,884,260	12,343,438	65,871,290
CRESDEN #3	11,896,525	10,451,844	7,250,563	13,233,238	61,268,079
PALISADES	7,799,520	355,448	8,506,400	9,663,024	32,662,584
CLAD CITIES #1	15,482,705	11,255,477	14,382,100	11,418,561	60,138,392
VERMONT YANKEE	6,080,140	8,203,177	11,267,394	10,192,187	37,222,410
CLAD CITIES #2	16,221,824	14,802,384	8,752,785	14,440,036	59,139,013
POINT BEACH #2	9,522,216	10,224,792	11,676,058	11,350,341	43,627,431
PILGRIM #1	12,539,304	5,955,608	8,101,800	7,603,200	36,854,096
SLRRY #1	11,032,552	10,624,125	12,727,278	14,305,668	49,939,574
MAINE YANKEE	10,814,888	11,385,475	14,659,542	19,452,770	57,752,549
TURKEY POINT #3	10,717,755	11,744,636	14,632,236	14,417,328	51,865,572
SLRRY #2	10,759,952	8,540,854	16,283,344	10,836,454	46,420,644
CCONEE #1	6,010,881	12,226,629	15,586,632	12,161,569	46,385,711
INDIAN POINT #2	1,472,902	11,462,056	16,451,574	7,602,551	36,989,083
TURKEY POINT #4	4,745,765	13,730,313	13,170,045	12,410,734	44,056,861
ZION #1	2,730,096	11,550,261	16,231,825	15,581,067	46,553,249
BROWNS FERRY #1	1,374,422	16,381,344	14,280,616	4,034,830	36,071,222
FCRT CALHCUN #1	2,028,958	7,558,145	6,711,576	7,146,813	23,445,856
PEACH BOTTOM #2		16,183,306	16,385,826	17,739,875	50,309,007
CCONEE #2		4,306,898	15,365,531	13,053,303	32,765,732
PRAIRIE ISLAND #1		5,258,816	11,544,210	10,621,439	27,824,565
ZION #2	600	4,517,824	16,469,555	15,478,190	36,866,569
FT ST VRAIN			1,525,000	203,586	1,728,986
CCOPER		6,503,277	12,445,810	11,850,347	31,159,434
AFNOLD #1		4,542,720	7,420,728	8,023,776	19,987,224
KEWAUNEE #1		6,169,068	10,820,765	10,806,217	27,756,054
THREE MILE #1		7,520,380	17,635,198	13,926,275	39,481,853

TABLE 2 - GENERATION OF THERMAL ENERGY BY CENTRAL STATION NUCLEAR POWER PLANTS
(GROSS TMMH BY YEARS)

	1973	1974	1975	1976	TOTAL
BROWNS FERRY #2		3,785,616	4,474,080	4,950,069	13,209,765
ARKANSAS ONE #1		1,552,144	15,412,817	12,073,746	29,438,707
PEACH BOTTOM #3		3,676,567	17,023,814	19,458,506	40,158,887
HATCH #1		233,155	9,780,130	13,770,699	23,783,988
OCONEE #3		444,650	15,413,400	14,450,167	30,368,217
RANCH SECO #1		946,262	8,012,553	6,908,230	15,867,045
CALVERT CLIFFS #1		38	14,021,092	19,757,729	33,778,821
FITZPATRICK		0	6,807,586	12,637,857	19,445,843
PRAIRIE ISLAND #2		44,832	10,803,022	11,418,561	22,066,415
COOK #1			14,593,832	21,484,038	36,077,870
BRUNSWICK #2			4,718,698	7,807,564	12,526,662
MILSTONE #2			639,533	15,155,524	15,795,057
TROJAN #1				7,540,494	7,540,494
INDIAN POINT #3				5,872,782	5,872,782
ST. LUCIE #1				1,842,691	1,842,691
BEAVER VALLEY #1				1,973,248	1,973,248
BROWNS FERRY #3				4,456,486	4,456,486
BRUNSWICK #1				160,372	160,372
CALVERT CLIFFS #2				434,098	434,098
SALEM #1				48,697	48,697

TABLE 3 - GENERATION OF ELECTRICITY BY CENTRAL STATION NUCLEAR POWER PLANTS
(GROSS EMWH BY YEARS)

	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972
SHIPPINGPORT	395,361	25,406	363,067	587,270	532,999	410,470	342,487	387,117	258,568	258,820
CRESDEN #1	989,721	1,037,511	1,018,344	1,474,832	853,567	966,792	873,285	1,428,826	645,668	1,160,262
YANKEE	1,004,088	1,257,556	1,027,725	1,371,620	1,348,424	1,292,877	1,211,897	1,280,213	1,520,005	690,113
INDIAN POINT #1	553,900	625,560	1,145,510	1,227,785	1,752,250	1,640,950	1,806,850	380,870	1,345,300	1,246,560
BIG ROCK PT.	130,371	203,632	150,715	363,306	530,110	448,997	421,779	380,910	388,635	381,465
HUMBOLDT BAY	176,025	380,222	272,064	166,404	335,786	465,510	388,561	431,442	346,810	377,661
N REACTOR				1,050,000	2,100,000	4,035,000	3,780,000	2,700,000	2,602,000	3,016,000
SAN ONOFRE #1					386,457	1,356,055	2,751,185	3,205,800	3,468,000	2,965,200
HADDAM					561,512	3,168,738	3,841,000	3,720,140	4,399,442	4,516,543
LACROSSE						3,245	76,721	134,270	210,460	256,522
CYSTER CREEK #1							351,435	3,592,855	3,972,659	4,503,561
NINE MILE #1							70,967	1,517,708	3,032,972	3,344,721
GINNA #1							38,159	2,314,072	2,871,730	2,572,030
CRESDEN #2								1,252,204	2,806,520	3,370,476
ROBINSON #2								17,426	2,565,345	5,082,471
MILLSTONE #1								67,251	3,747,156	3,207,387
PCINT BEACH #1								213,270	3,446,080	3,085,430
MONTICELLO									1,465,724	3,717,750
CRESDEN #3									1,188,630	5,175,665
PALISADES									200	1,855,050
QUAD CITIES #1										2,525,323
VERMONT YANKEE										458,540
QUAD CITIES #2										1,605,829
PCINT BEACH #2										225,680
PILGRIM #1										889,184
SURRY #1										407,560
MAINE YANKEE										463,250
TURKEY POINT #3										101,065

Decommissioned plants:

Hallam: 192,458 EMWH for 1963-1964

Elk River: 510,598 EMWH for 1963-1968

Piqua: 70,601 EMWH for 1963-1966

CVTR: 212,216 EMWH for 1963-1967

Bonus: 68,297 EMWH for 1964-1967

Pathfinder: 96,450 EMWH for 1966-1967

Peach Bottom #1: 1,385,919 EMWH for 1967-1974

Fermi: 33,430 EMWH for 1968; 1970-1971

TABLE 3 - GENERATION OF ELECTRICITY BY CENTRAL STATION NUCLEAR POWER PLANTS
(GROSS MWH BY YEARS)

	1973	1974	1975	1976	TOTAL
SHIPPINGPORT	265,355	30,440	0	0	5,275,174
DRESDEN #1	609,156	388,854	740,774	1,014,025	15,286,011
YANKEE	1,113,404	975,053	1,271,105	1,333,076	18,398,628
INDIAN POINT #1	0	1,343,700	0	0	13,552,025
BIG ROCK PT.	445,402	256,352	307,494	258,822	4,808,018
HUMBOLDT BAY	439,513	380,444	356,527	205,523	4,767,253
N REACTOR	4,591,000	4,033,000	3,276,000	2,457,790	33,740,790
SAN ONOFRE #1	2,397,092	2,209,600	3,408,000	2,610,000	25,857,434
HADDAM	2,547,628	4,567,806	4,330,172	4,230,158	35,863,139
LACROSSE	213,884	231,814	278,617	185,890	1,691,433
CYSTER CREEK #1	3,719,895	3,806,282	3,273,050	3,998,580	27,218,717
NINE MILE #1	3,600,715	3,380,670	3,145,360	4,244,952	22,738,065
GINNA #1	3,588,556	2,222,225	3,195,042	2,179,615	18,985,472
DRESDEN #2	5,256,417	3,594,104	3,120,632	4,610,359	24,020,712
ROBINSON #2	3,986,756	5,064,223	4,356,490	5,128,742	26,245,457
MILLSTONE #1	1,974,300	3,769,600	4,076,800	3,940,000	20,882,454
POINT BEACH #1	2,900,670	3,311,180	3,077,540	3,565,860	19,600,030
MONTICELLO	3,412,160	3,060,530	3,020,290	4,173,370	18,849,824
DRESDEN #3	3,879,081	3,395,754	2,338,118	4,250,296	20,227,548
PALISADES	2,511,650	53,310	2,642,400	3,038,550	10,185,200
QUAD CITIES #1	5,144,895	3,680,781	4,617,455	3,662,813	19,631,275
VERMONT YANKEE	1,946,006	2,659,184	3,758,160	3,412,635	12,234,525
QUAD CITIES #2	5,451,667	4,712,394	2,536,278	4,665,955	18,976,123
POINT BEACH #2	3,176,640	3,349,260	3,541,290	3,943,820	14,636,690
PILGRIM #1	4,240,490	2,051,030	2,659,160	2,521,150	12,401,014
SURRY #1	3,684,236	3,501,400	4,123,780	4,626,820	16,343,796
MAINE YANKEE	3,580,100	3,790,160	4,755,750	6,239,000	18,828,260
TURKEY POINT #3	3,520,742	3,832,059	4,587,431	4,555,215	16,596,513
SURRY #2	3,582,605	2,783,790	5,323,092	3,525,815	15,215,306
CONNEE #1	2,088,588	4,230,112	5,576,020	4,228,710	16,123,430
INDIAN POINT #2	429,140	3,526,340	5,119,770	2,399,226	11,474,476
TURKEY POINT #4	1,527,704	4,521,692	4,204,816	3,978,606	14,232,818
ZION #1	795,874	3,726,888	5,233,890	5,035,280	14,791,932
BROWNS FERRY #1	337,530	5,237,330	1,416,650	1,345,550	8,437,060
FORT CALHOUN #1	657,017	2,574,405	2,210,561	2,329,565	7,771,548
PEACH BOTTOM #2		5,235,388	5,300,840	5,793,300	16,329,528
CONNEE #2		1,468,576	5,231,580	4,455,050	11,155,606
PRAIRIE ISLAND #1		1,604,210	3,528,270	3,482,890	9,015,370
ZION #2	6	1,426,397	5,116,785	4,906,815	11,450,003
FT ST VRAIN				23,842	23,842
COOPER		1,955,070	3,557,820	3,795,980	9,748,870
ARNOLD #1		1,504,750	2,471,475	2,673,923	6,650,152
KEWAUNEE #1		2,057,971	3,520,700	3,555,500	9,134,171
THREE MILE #1		2,655,287	5,520,744	4,642,373	13,218,404

TABLE 3 - GENERATION OF ELECTRICITY BY CENTRAL STATION NUCLEAR POWER PLANTS
(GROSS EMWH BY YEARS)

	1973	1974	1975	1976	TOTAL
BROWNS FERRY #2		1,164,650	1,465,200	1,612,250	4,242,140
ARKANSAS ONE #1		655,500	5,151,146	4,065,565	9,876,215
PEACH BOTTOM #3		1,133,400	5,512,480	6,288,220	12,934,100
HATCH #1		56,270	3,235,728	4,347,960	7,643,958
CCONEE #3		148,914	5,256,000	4,554,530	10,439,444
RANCHO SECO #1		271,536	2,679,336	2,348,885	5,299,757
CALVERT CLIFFS #1			4,627,581	6,555,526	11,237,907
FITZPATRICK			2,224,446	4,283,600	6,508,046
PRAIRIE ISLAND #2		9,230	3,355,340	2,870,270	6,274,840
COOK #1			4,672,350	7,073,220	11,745,570
BRUNSWICK #2			1,505,861	2,603,820	4,109,681
MILLSTONE #2			167,518	4,775,959	4,947,477
TROJAN #1				2,376,685	2,376,685
INDIAN POINT #3				1,553,010	1,553,010
ST. LUCIE #1				98,975	98,975
BEAVER VALLEY #1				558,940	558,940
BROWNS FERRY #3				1,466,810	1,466,810
BRUNSWICK #1				N/A	N/A
CALVERT CLIFFS #2				134,722	134,722
SALEM #1				3,230	3,230

TABLE 4 - GENERATION OF ELECTRICITY BY CENTRAL STATION NUCLEAR POWER PLANTS
(NET EMW BY YEARS)

	1974	1975	1976
CRESDEN #1			953,015
YANKEE			1,251,255
BIG ROCK PT.			244,493
HUMBOLDT BAY			156,742
N REACTOR			2,310,000
SAN ONOFRE #1			2,472,511
HADDAM			4,027,805
LACROSSE			173,061
OYSTER CREEK #1			3,860,347
NINE MILE #1			4,112,827
GINNA #1			2,060,541
CRESDEN #2			4,371,554
ROBINSON #2			4,874,085
MILLSTONE #1			3,754,493
PCINT BEACH #1			3,404,082
MONTICELLO			3,586,380
CRESDEN #3			4,034,541
PALISADES			2,847,032
CLAD CITIES #1			3,353,062
VERMONT YANKEE			3,260,016
CLAD CITIES #2			4,304,684
PCINT BEACH #2			3,543,820
PILGRIM #1			2,415,511
SURRY #1			4,356,885
MAINE YANKEE			5,528,868
TURKEY POINT #3			4,320,173
SURRY #2			3,343,321
OCONEE #1			3,553,884
INDIAN POINT #2			2,267,654
TURKEY POINT #4			3,578,606
ZION #1			4,756,655
BROWNS FERRY #1			1,301,183
PORT CALHOUN #1			2,155,406
PEACH BOTTOM #2			5,565,633
OCONEE #2			4,228,572
PRAIRIE ISLAND #1			3,268,837
ZION #2			4,441,207
FT ST VRAIN			17,515
CCOPER			3,642,530
ARNOLD #1			2,465,242
KEWAUNEE #1			3,382,265
THREE MILE #1			4,335,625
BROWNS FERRY #2			1,567,170
ARKANSAS ONE #1			3,887,546

TABLE 4 - GENERATION OF ELECTRICITY BY CENTRAL STATION NUCLEAR POWER PLANTS
(NET EMW BY YEARS)

	1974	1975	1976
PEACH BOTTOM #3			6,049,644
HATCH #1			4,133,765
CCONEE #3			4,755,208
RANCHO SECO #1			2,205,091
CALVERT CLIFFS #1			6,303,941
FITZPATRICK			4,256,298
PRAIRIE ISLAND #2			3,393,062
CCOK #1			6,804,554
BRUNSWICK #2			2,486,535
MILLSTONE #2			4,543,170
TROJAN #1			2,102,586
INDIAN POINT #3			1,872,547
ST. LUCIE #1			473,155
BEAVER VALLEY #1			441,530
BROWN'S FERRY #3			1,416,891
BRUNSWICK #1			30,399
CALVERT CLIFFS #2			116,011
SALEM #1			

TABLE 5 - CENTRAL STATION NUCLEAR POWER REACTOR AVAILABILITY - UNITS OPERABLE IN 1976
(HOURS REACTOR CRITICAL PER YEAR PLUS RESERVE SHUTDOWN HOURS)

	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972
SHIPPINGPORT ^{1/}	7,800	900	4,256	8,400	8,477	8,653	6,765	8,655	8,635	8,746
DRESDEN #1 ^{2/}	7,071	7,265	7,265	8,513	5,263	5,876	5,880	8,514	5,818	7,024
YANKEE ^{3/}	6,913	7,973	6,635	7,847	8,070	7,702	7,306	7,434	8,546	4,820
INDIAN POINT #1 ^{4/}	6,258	4,246	5,611	5,512	7,088	8,052	8,131	2,356	7,256	6,510
BIG ROCK PT.	3,635	3,526	2,671	6,375	7,615	7,097	7,913	7,420	7,904	7,053
FLMBGLDT BAY	2,982	7,811	7,005	7,784	8,002	8,183	7,866	7,717	6,675	7,289
N REACTOR				4,880	3,880	6,040	5,270	3,660	3,500	5,050
SAN GONFRE #1					2,992	3,839	6,897	7,376	8,450	7,043
HADDAM					3,217	7,568	8,271	7,082	7,844	7,978
LACROSSE						132	2,137	6,403	5,515	6,202
CYSTER CREEK #1							209	7,073	7,194	7,226
NINE MILE #1							473	4,080	5,963	6,167
GINNA #1							876	6,461	6,801	6,428
DRESDEN #2								4,274	6,176	5,471
ROBINSON #2								N/A	3,735	7,587
MILLSTONE #1								96	7,152	5,254
PCINT BEACH #1								1,188	7,967	6,507
MONTICELLO									4,405	7,367
DRESDEN #3									3,250	7,825
PALISADES									438	5,367
GLAD CITIES #1										5,120
VERMONT YANKEE										6,788
GLAD CITIES #2										3,133
PCINT BEACH #2										3,151
PILGRIM #1										2,458
SARRY #1										2,174
MAINE YANKEE										56
TURKEY PCINT #3										

^{1/} Shippingport - 250 hours for 1957; 6,000 hours for 1958; 5,400 hours for 1959
5,900 hours for 1960; 7,000 hours for 1961; 7,700 hours for 1962

^{2/} Dresden #1 - 3,873 hours for 1960; 3,520 hours for 1961; 7,061 hours for 1962

^{3/} Yankee - 1,198 hours for 1960; 7,627 hours for 1961; 5,923 hours for 1962

^{4/} Indian Pt. #1 - 2,179 hours for 1962

TABLE 5 - CENTRAL STATION NUCLEAR POWER REACTOR AVAILABILITY - UNITS OPERABLE IN 1976
(HOURS REACTOR CRITICAL PER YEAR PLUS RESERVE SHUTDOWN HOURS)

	1973	1974	1975	1976	TOTAL
SHIPPINGPORT	8,718	816			113,079
DRESDEN #1	6,446	3,205	5,135	7,534	105,277
YANKEE	6,365	6,307	7,291	7,558	116,065
INDIAN POINT #1		5,852			65,851
BIG ROCK P.T.	7,016	6,200	5,282	4,519	84,666
HUMBOLDT FAY	7,820	7,351	7,418	4,111	58,054
N REACTOR	5,565	5,720	6,360	3,351	52,276
SAN CNCFRE #1	5,578	8,316	7,718	6,253	64,462
HADCAM	5,086	8,429	7,774	7,670	71,219
LACROSSE	5,080	7,097	6,277	4,372	43,219
CYSTER CREEK #1	6,457	6,323	6,617	7,027	48,176
NINE MILE #1	6,682	6,176	6,815	8,289	44,645
GINNA #1	8,346	5,602	7,142	6,060	47,716
DRESDEN #2	8,324	5,854	5,060	6,874	42,023
ROBINSON #2	6,527	7,551	6,526	7,685	40,015
MILLSTONE #1	4,065	7,087	6,843	7,335	37,872
PCINT BEACH #1	5,725	7,490	6,344	7,447	42,668
MONTICELLO	6,481	6,970	6,442	8,228	39,897
DRESDEN #3	6,618	6,004	4,644	7,364	35,719
PALISADES	4,170	663	5,850	5,184	21,672
QUAD CITIES #1	7,700	5,562	7,611	6,406	32,359
VERMONT YANKEE	6,517	6,729	7,814	6,540	34,788
QUAD CITIES #2	7,686	7,434	4,584	7,360	30,157
PCINT BEACH #2	6,514	7,245	8,480	8,067	33,857
PILGRIM #1	7,751	3,550	6,578	5,463	25,800
SURRY #1	6,515	5,185	5,772	6,058	26,104
MAINE YANKEE	7,833	6,118	7,245	8,356	29,692
TURKEY POINT #3	7,245	6,424	7,255	6,824	28,454
SURRY #2	5,817	5,451	7,121	4,689	23,118
GONNEE #1	4,354	5,447	6,572	5,344	22,117
INDIAN POINT #2	1,750	5,487	6,801	3,247	17,285
TURKEY POINT #4	3,537	6,916	6,429	6,058	23,380
ZION #1	2,074	5,169	7,008	5,643	15,854
BROWNS FERRY #1	1,648	8,263	1,922	5,521	17,364
FCRT CALHCUN #1	3,267	7,582	6,181	6,285	23,219
PEACH BOTTOM #2		7,231	6,780	6,147	20,158
OCONEE #2		1,946	6,613	5,668	14,227
PRAIRIE ISLAND #1		4,979	7,871	6,582	15,822
ZION #2		3,171	7,787	5,559	16,517
FT ST VRAIN		176	113	1,803	2,092
CCOPER		5,095	7,482	6,756	19,324
ARNOLD #1		4,755	7,276	7,002	19,033
KEWAUNEE #1		5,351	7,557	7,455	20,763
THREE MILE #1		2,583	7,420	6,448	16,461

TABLE 5 - CENTRAL STATION NUCLEAR POWER REACTOR AVAILABILITY - UNITS (FEF AELE IN 1976
(HCUPS REACTOR CRITICAL PER YEAR PLUS RESERVE SHUTDOWN HOURS)

	1973	1974	1975	1976	TOTAL
BROWNS FERRY #2		2,871	5,359	8,784	18,014
ARKANSAS ONE #1		210	7,080	5,261	12,551
PEACH BOTTOM #3		2,418	7,625	7,056	17,109
HATCH #1		342	5,673	7,731	14,746
OCONEE #3		184	5,960	6,258	13,402
RANCH CO SEC #1		1,017	4,253	5,075	10,345
CALVERT CLIFFS #1		512	7,013	8,440	15,965
FITZPATRICK		75	5,123	6,527	11,725
PRAIRIE ISLAND #2		104	7,237	6,855	14,236
COOK #1			5,393	7,384	13,777
BRUNSWICK #2			4,372	5,259	9,631
MILLSTONE #2			1,225	8,384	9,723
TROJAN #1				8,327	8,327
INDIAN POINT #3				2,345	2,345
ST. LUCIE #1				1,630	1,630
BEAVER VALLEY #1				1,974	1,974
BROWNS FERRY #3				2,605	2,605
BRUNSWICK #1				N/A	N/A
CALVERT CLIFFS #2				594	594
SALEM #1				302	302

TABLE 6 - FCEFF REACTOR AVAILABILITY FACTORS (%) - UNITS OPERABLE IN 1976

	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972
SHIPPINGPORT ^{1/}	79.93	87.50	85.00	10.25	48.58	55.70	56.60	98.50	77.20	98.80	98.60	99.60
DRESDEN #1 ^{2/}	40.20	80.60	80.70	82.70	83.00	97.20	60.10	67.16	67.10	97.20	66.40	79.90
YANKEE	87.00	67.60	78.50	91.10	75.70	85.58	92.12	87.68	83.40	84.86	97.56	55.15
INDIAN POINT #1		60.50	71.40	48.40	64.00	67.50	80.50	91.70	92.80	26.90	83.30	78.70
BIG ROCK PT.			47.90	42.80	30.30	75.00	89.70	80.90	51.50	86.40	90.04	81.80
FLMBOLOT BAY			62.80	85.10	75.70	86.80	51.30	93.20	89.80	88.10	76.20	83.00
N REACTOR						77.00	44.30	65.00	60.00	42.00	40.00	58.00
SAN ONOFRE #1							62.50	43.70	78.70	84.20	56.46	80.18
FACCAM							87.60	90.70	94.40	80.84	89.54	90.81
LACROSSE								1.51	24.35	73.05	62.99	70.60
CYSTER CREEK #1									96.63	80.75	82.12	82.40
NINE MILE #1									5.40	61.10	70.33	72.00
GINNA #1									65.30	72.50	77.63	71.95
DRESDEN #2										68.00	70.50	64.60
ROBINSON #2										N/A	51.93	88.65
MILLSTONE #1										100.00	82.00	60.00
POINT BEACH #1										89.00	93.59	74.50
MONTICELLO											62.50	83.90
DRESDEN #3											83.10	52.70
FALISADES												61.10
GLAD CITIES #1												79.30
VERMONT YANKEE												100.00
GLAD CITIES #2												65.28
POINT BEACH #2												87.98
PILGRIM #1												55.50
SLURRY #1												49.20
MAINE YANKEE												1.05
TURKEY POINT #3												49.00

^{1/} Shippingport: 67.3 in 1960

^{2/} Dresden #1: 58.7 in 1960

TABLE 6 - POWER REACTOR AVAILABILITY FACTORS (%) - UNITS OPERABLE IN 1976

	1973	1974	1975	1976
SHIPPINGPORT	99.50	0	0	0
DRESDEN #1	76.60	36.60	58.60	85.80
YANKEE	72.66	72.00	84.40	91.20
INDIAN POINT #1	0	66.81	0	0
BIG ROCK PT.	80.50	70.80	60.25	51.40
HUMBOLDT BAY	89.30	84.40	84.70	46.80
N REACTOR	63.50	65.30	72.60	38.10
SAN ONOFRE #1	63.65	54.93	88.10	71.20
HADDAM	58.06	96.22	88.74	87.22
LACROSSE	58.00	89.40	71.70	49.80
CYSTER CREEK #1	74.00	72.20	75.50	80.00
NINE MILE #1	80.00	72.90	77.80	54.40
GINNA #1	55.27	63.90	81.53	69.00
DRESDEN #2	95.00	66.80	57.76	78.30
ROBINSON #2	79.08	86.20	74.50	87.50
MILLSTONE #1	46.40	80.90	78.10	83.50
POINT BEACH #1	78.65	85.90	72.40	84.80
MONTICELLO	71.25	79.60	73.60	93.70
DRESDEN #3	75.50	68.50	53.00	83.80
PALISADES	47.60	7.60	66.80	59.00
QUAD CITIES #1	87.89	64.60	86.88	72.90
VERMONT YANKEE	74.40	76.80	89.20	75.00
QUAD CITIES #2	87.73	84.90	52.33	83.80
POINT BEACH #2	54.84	82.70	56.80	91.80
PILGRIM #1	88.50	40.52	75.10	62.20
SURRY #1	79.10	59.20	65.90	69.00
MAINE YANKEE	89.42	69.80	82.80	95.60
TURKEY POINT #3	82.71	73.33	82.82	77.70
SURRY #2	58.90	62.70	81.30	53.40
OCCONEE #1	92.00	62.20	79.60	60.80
INDIAN POINT #2	52.84	62.64	77.63	37.00
TURKEY POINT #4	83.69	76.67	73.39	69.40
ZION #1	75.20	59.00	80.00	64.20
BROWNS FERRY #1	88.20	54.30	22.05	62.90
FORT CALHOUN #1	52.00	86.50	70.40	71.60
PEACH BOTTOM #2		92.70	77.40	70.00
OCCONEE #2		71.10	75.50	64.50
PRAIRIE ISLAND #		48.90	89.80	79.50
ZION #2		36.20	88.89	63.30
FT ST VRAIN		2.01	1.29	20.53
CCOPER		61.20	85.40	76.90
ARNOLD #1		64.00	83.00	79.70
KEWAUNEE #1		78.62	90.83	84.90
THREE MILE #1		88.90	84.80	73.40
BROWNS FERRY #2		95.20	72.59	100.00

TABLE 6 - POWER REACTOR AVAILABILITY FACTORS (%) - UNITS OPERABLE IN 1976

	1973	1974	1975	1976
ARKANSAS ONE #1		68.30	80.80	59.90
PEACH BOTTOM #3		100.00	87.16	80.30
HATCH #1		3.90	76.18	88.00
GCONEE #3		47.90	79.50	71.20
RANCH SECC #1			48.60	57.80
CALVERT CLIFFS #1			90.40	96.10
FITZPATRICK			74.00	74.30
PRAIRIE ISLAND #2			97.30	78.50
COOK #1			86.20	84.10
BRUNSWICK #2			95.46	99.87
MILLSTONE #2			79.90	95.40
TROJAN #1				94.80
INDIAN POINT #3				78.80
ST. LUCIE #1				N/A
BEAVER VALLEY #1				N/A
BROWNS FERRY #3				N/A
BRUNSWICK #1				N/A
CALVERT CLIFFS #2				N/A
SALEM #1				N/A

TABLE 7 - POWER PLANT AVAILABILITY FACTORS (%) - UNITS OPERABLE IN 1976

	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972
SHIPPINGPORT						95.30	55.50	98.10	58.30	90.40	86.70	85.80
CRESDEN #1	38.10	78.60	75.60	80.90	78.30	94.90	53.90	62.18	61.30	92.70	63.60	78.20
YANKEE	87.00	67.60	78.90	91.10	75.70	89.58	92.12	87.22	82.99	79.90	96.50	55.15
INDIAN POINT #1		31.20	57.80	37.90	62.20	60.70	74.50	88.00	80.50	18.20	68.30	66.90
BIG ROCK PT.			30.60	42.40	30.10	70.50	85.30	79.40	89.60	82.20	89.16	79.70
HUMBOLDT BAY			81.20	87.30	77.50	88.10	51.00	92.50	89.30	87.90	75.60	83.10
N REACTOR						77.00	43.40	69.00	60.00	42.00	40.00	58.00
SAN GONFRE #1							36.40	41.40	75.80	83.00	93.36	77.38
HADDAM							44.32	78.70	86.49	78.66	86.56	87.67
LACROSSE								N/A	N/A	66.40	55.60	64.10
CYSTER CREEK #1									95.42	76.99	80.44	81.30
NINE MILE #1									N/A	48.85	68.06	70.21
CINNA #1									34.30	69.40	75.90	69.16
CRESDEN #2										47.40	65.00	59.80
ROBINSON #2										N/A	48.71	85.20
MILLSTONE #1										39.60	70.90	59.00
POINT BEACH #1										67.63	88.31	72.50
MONTICELLO										N/A	59.10	75.40
CRESDEN #3											54.60	85.90
PALISADES											N/A	57.00
QUAC CITIES #1												69.60
VERMONT YANKEE												70.00
QUAC CITIES #2												54.96
POINT BEACH #2												81.84
PILGRIM #1												42.30
SURRY #1												24.10
MAINE YANKEE												N/A
TURKEY POINT #3												32.41

TABLE 7 - POWER PLANT AVAILABILITY FACTORS (%) - UNITS OPERABLE IN 1976

	1973	1974	1975	1976
SHIPPINGPORT	82.50	N/A	0.0	0.0
CRESDEN #1	72.80	35.50	57.20	84.20
YANKEE	71.03	69.60	82.40	89.80
INDIAN POINT #1		63.62	0.0	0.0
BIG ROCK PT.	79.86	70.30	59.81	50.10
HEMBOLDT BAY	89.10	83.60	83.90	46.40
N REACTOR	63.50	65.30	44.50	38.00
SAN ONOFRE #1	62.82	86.08	87.44	70.20
HADDAM	50.45	91.22	86.13	82.50
LACROSSE	58.10	86.20	69.20	47.60
CYSTER CREEK #1	73.10	70.40	73.30	79.30
NINE MILE #1	76.00	70.50	72.10	88.20
GINNA #1	95.03	62.40	76.70	58.20
CRESDEN #2	87.60	64.10	56.13	75.90
ROBINSON #2	75.20	83.31	72.20	84.70
MILLSTONE #1	45.40	79.10	75.60	76.10
POINT BEACH #1	75.85	81.50	71.50	82.70
MONTICELLO		74.90	72.20	91.50
CRESDEN #3	68.10	65.00	51.50	82.40
FALISACES	43.80	5.50	64.50	55.20
GLAD CITIES #1	84.89	61.50	83.10	64.90
VERMONT YANKEE	61.10	74.10	87.80	77.10
GLAD CITIES #2	84.53	82.60	52.28	81.30
POINT BEACH #2	52.41	81.00	53.90	90.70
PILGRIM #1	86.70	39.21	71.30	60.70
SLRRY #1	61.40	54.80	62.00	68.50
MAINE YANKEE	75.84	68.70	79.90	95.00
TURKEY POINT #3	81.50	69.86	79.35	75.50
SLRRY #2	77.00	44.00	79.60	52.30
OCONEE #1	73.70	60.10	76.20	57.30
INDIAN POINT #2	23.10	59.40	74.78	34.80
TURKEY POINT #4	76.24	77.17	70.51	66.40
ZION #1	34.40	57.20	69.98	62.10
BRWNS FERRY #1	76.70	78.40	18.13	24.80
FCRT CALHOUN #1	83.10	83.50	67.40	69.50
PEACH BOTTOM #2		50.58	75.78	68.30
OCONEE #2		68.50	73.10	62.50
PRAIRIE ISLAND #1		43.50	86.30	77.40
ZION #2		29.50	72.21	61.80
FT ST VRAIN		N/A	N/A	N/A
CCOPER		71.50	83.60	75.50
ARNOLD #1		53.00	79.00	78.00
KEWAUNEE #1		75.20	88.20	78.90
THREE MILE #1		88.10	82.20	65.40
BRWNS FERRY #2		74.00	19.32	29.00

TABLE 7 - POWER PLANT AVAILABILITY FACTORS (%) - UNITS OPERABLE IN 1976

	1973	1974	1975	1976
ARKANSAS ONE #1		68.20	76.50	56.60
PEACH BOTTOM #3		100.00	85.57	77.70
HATCH #1		N/A	N/A	83.10
GCONEE #3		47.60	77.20	69.20
RANCHO SECO #1			40.50	30.40
CALVERT CLIFFS #1			50.00	95.20
FITZPATRICK			71.00	71.60
PRAIRIE ISLAND #2			80.30	75.80
CCOK #1			83.70	83.10
BRUNSWICK #2			53.15	56.00
MILLSTONE #2			65.70	78.70
TROJAN #1				64.00
INDIAN POINT #3				76.60
ST. LUCIE #1				N/A
BEAVER VALLEY #1				N/A
BROWN FERRY #3				77.50
BRUNSWICK #1				N/A
CALVERT CLIFFS #2				N/A
SALEM #1 ^{1/}				N/A

^{1/} From date of commercial operation

TABLE 8 - POWER PLANT CAPACITY FACTORS (%) - UNITS OPERABLE IN 1976

	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972
SHIPPINGPORT ^{1/}	59.00	62.00	66.00	4.00	42.00	67.00	60.80	46.80	39.10	49.10	34.10	29.50
DRESDEN #1 ^{2/}	33.00	73.00	53.80	56.20	55.40	80.20	46.40	52.41	47.50	77.70	35.30	62.90
YANKEE ^{3/}	76.00	55.00	69.00	79.80	64.95	85.89	85.70	81.48	75.30	78.75	95.44	42.50
INDIAN POINT #1		27.70	38.00	24.60	46.40	50.30	68.30	64.90	72.10	14.10	60.40	48.40
BIG ROCK PT.			35.30	42.20	29.03	55.30	80.70	68.20	64.20	57.98	59.15	57.90
HUMBOLDT BAY			77.80	83.30	59.90	36.50	74.60	81.50	68.20	75.80	60.90	66.10
N REACTOR						41.00	42.00	57.00	56.00	38.00	40.00	40.00
SAN ONOFRE #1							21.30	33.60	69.20	80.97	87.53	74.52
HADDAM							31.14	73.37	74.97	71.34	83.92	85.96
LACROSSE								N/A	N/A	42.60	43.70	54.60
OYSTER CREEK #1									92.67	74.35	77.54	79.98
NINE MILE #1										42.40	63.36	60.50
GINNA #1									19.64	57.77	65.60	64.05
DRESDEN #2										23.30	37.70	47.40
ROBINSON #2											40.73	80.40
MILLSTONE #1										25.90	63.20	54.90
PCINT BEACH #1										30.00	76.30	69.41
MONTICELLO											49.20	74.51
DRESDEN #3											35.70	72.80
PALISADES												57.00
QUAD CITIES #1												64.01
VERMONT YANKEE												37.90
QUAD CITIES #2												39.35
PCINT BEACH #2												14.77
PILGRIM #1												29.30
SLARRY #1												47.30
MAINE YANKEE												N/A
TURKEY POINT #3												10.03

^{1/} Shippingport: 32.0 in 1959; 45.0 in 1960^{2/} Dresden #1: 21.8 in 1960.^{3/} Yankee: 25.0 in 1960

TABLE 8 - POWER PLANT CAPACITY FACTORS (%) - UNITS OPERABLE IN 1976

	1973	1974	1975	1976 DESIGN ELECTRICAL RATING	1976 MAXIMUM DEPENDABLE CAPACITY
SHIPPINGPORT	N/A	N/A	0	0	0
CRESDEN #1	33.10	21.10	35.80	54.20	55.10
YANKEE	67.95	59.50	77.80	81.40	81.40
INDIAN POINT #1	0	54.48	0	0	0
BIG ROCK PT.	67.80	54.30	44.22	38.70	39.20
HUMBOLDT BAY	77.20	66.80	69.40	35.60	35.60
N REACTOR	61.00	52.70	44.80	30.90	32.00
SAN GONFRE #1	60.34	83.50	86.15	65.50	65.50
HADDAM	48.34	88.55	83.83	79.70	83.40
LACROSSE	46.10	75.20	62.60	39.40	41.00
CYSTER CREEK #1	64.00	67.10	61.60	67.60	70.90
NINE MILE #1	65.00	61.70	56.90	76.80	76.80
GINNA #1	87.35	51.70	73.50	47.90	49.90
CRESDEN #2	73.70	48.80	42.04	61.50	64.50
ROBINSON #2	81.89	86.90	88.00	77.90	83.40
MILLSTONE #1	33.60	63.10	68.40	65.60	66.10
POINT BEACH #1	64.54	76.20	67.60	78.00	78.30
MONTICELLO	67.66	62.00	60.30	83.30	84.70
CRESDEN #3	54.50	46.30	31.30	56.80	59.40
PALISADES	41.10	1.20	40.50	48.50	47.40
QUAD CITIES #1	70.59	50.20	62.01	49.00	50.20
VERMONT YANKEE	43.50	56.20	80.70	72.20	73.60
QUAD CITIES #2	75.31	64.40	34.06	62.10	63.70
POINT BEACH #2	66.79	76.50	85.80	86.20	86.50
PILGRIM #1	71.00	33.61	44.50	42.00	41.00
SLURRY #1	57.00	50.20	56.70	60.90	63.50
MAINE YANKEE	57.76	51.60	67.60	85.40	88.80
TURKEY POINT #3	57.42	62.49	71.06	71.00	73.80
SLURRY #2	73.40	40.20	73.20	46.30	48.30
CCONEE #1	57.43	52.40	69.30	51.30	52.20
INDIAN POINT #2	23.60	44.46	64.54	29.60	29.90
TURKEY POINT #4	50.74	73.74	68.57	62.00	64.50
ZION #1	22.40	39.20	55.02	52.10	53.50
BROWN'S FERRY #1	22.00	55.40	14.72	13.90	13.90
FORT CALHOUN #1	42.20	60.40	52.00	54.70	56.40
PEACH BOTTOM #2		81.78	55.20	59.50	60.30
CCONEE #2		58.20	65.10	54.30	55.30
PRAIRIE ISLAND #1		31.50	81.10	70.20	71.50
ZION #2		15.00	53.75	50.80	52.10
FT ST VRAIN		N/A	N/A	N/A	N/A
CCOPER		N/A	56.50	53.30	54.30
ARNOLD #1		35.00	48.00	52.70	55.00

TABLE 8 - PCWER PLANT CAPACITY FACTORS (%) - UNITS OPERABLE IN 1976

	1973	1974	1975	1976 DESIGN ELECTRICAL RATING	1976 MAXIMUM DEPENDABLE CAPACITY
KEWAUNEE #1		62.20	71.76	72.00	74.80
THREE MILE #1		86.00	79.90	60.30	62.30
BROWN'S FERRY #2		35.20	15.23	16.80	16.80
ARKANSAS ONE #1		65.40	66.60	52.10	52.90
PEACH BOTTOM #3		76.54	58.26	64.70	66.50
HATCH #1			47.00	59.90	59.90
CCCNEE #3		42.20	66.00	61.00	62.20
RANCHO SECO #1		10.17	33.90	27.50	28.80
CALVERT CLIFFS #1			78.80	84.90	89.70
FITZPATRICK			51.80	57.60	61.50
PAIRIE ISLAND #2			68.40	57.20	58.30
COOK #1			82.00	73.50	74.20
BRUNSWICK #2			63.37	34.50	35.80
MILLSTONE #2			28.50	62.50	66.30
TROJAN #1				21.20	25.30
INDIAN POINT #3				72.10	72.10
ST. LUCIE #1				46.30	46.70
BEAVER VALLEY #1				N/A	N/A
BROWN'S FERRY #3				50.10	50.10
BRUNSWICK #1				N/A	N/A
CALVERT CLIFFS #2				N/A	N/A
SALEM #1				N/A	N/A

HISTORY OF MAJOR SHUTDOWNS - OPERABLE PLANTS CENTRAL STATION POWER

Note:

Only shutdowns of five days or more are listed in this section. These shutdown periods include time for refueling as well as maintenance and repair.

The legend for the headings in the following pages is as follows:

MWt	- Megawatts thermal rating of nuclear unit
MWe(net)	- Megawatts electrical (net) rating of nuclear unit
CRIT-L	- Month and year in which unit achieved initial criticality
ELECTRIC	- Month and year in which unit initially delivered electricity to the utility system
DOWNTIME	- Date on which unit was shut down
UPTIME	- Date on which unit was started up again

ARKANSAS NUCLEAR ONE UNIT 1

PWT	MWE-NET	CRIT-L	ELECTRIC	DOWN-#	DOWN-DATE	UP-DATE	REASON
2568.0	850.0	08/74	08/74	1	08/22/74	09/01/74	ADDED HANGERS FOR SUPPORT OF PRESSURIZER RELIEF LINE
				2	09/13/74	09/22/74	GENERATOR EXCITER BEARING FAILURE
				3	10/17/74	10/22/74	LEAK IN DRAIN PIPING ON REACTOR COOLANT SYS
				4	10/25/74	11/18/74	LEAK IN DRAIN PIPING ON REACTOR COOLANT SYS
				5	03/19/75	05/07/75	INSTALLATION OF STEAM LINE BREAK
				6	10/24/75	11/07/75	CONTROL ROD INTERCHANGE & OTHER MAINTENANCE
				7	12/21/75	01/17/76	RATCHET TRIP RESULTING IN DAMAGED CROM
				8	03/19/76	06/10/76	FAILURE OF REACTOR SPECIMEN TUBE HOLDERS
				9	06/21/76	06/29/76	REPLACE BEARINGS & REPAIR STATOR
				10	08/07/76	09/13/76	REPLACE REACTOR COOLANT PUMP SHAFT SEALS

DLANE ARNOLD ENERGY CENTER UNIT 1

MWT	MWE-NET	CRIT-L	ELECTRIC	DOWN-#	DOWN-DATE	UP-DATE	REASON
1593.0	538.0	03/74	05/74	1	03/25/74	04/26/74	STARTUP TESTING
				2	08/14/74	08/19/74	STARTUP TESTING
				3	09/11/74	09/24/74	REPAIR OF RELIEF VALVES
				4	02/08/75	02/17/75	INSPECTION OF DRYWELL PIPING
				5	04/19/75	04/24/75	REPAIR & TESTING OF HPCI SWING CHECKS & STOP CHK VALVES
				6	06/06/75	07/19/75	VIBRATION OF IN-CORE INSTRUMENTATION TUBES
				7	02/14/76	04/14/76	REFLELING
				8	05/19/76	05/26/76	MAINTENANCE CUTAGE

BEAVER VALLEY POWER STATION UNIT 1

MWT	MWE-NET	CRIT-L	ELECTRIC	CCWN-#	CWN-DATE	UP-DATE	REASON
2660.0	852.0	05/76	05/76	1	01/30/76	05/09/76	FUEL LOADING; STARTUP & TEST PROGRAM
				2	06/10/76	06/26/76	INSTRUMENT FAILURE & MAINTENANCE
				3	07/07/76	07/24/76	TUBE REPAIR & OTHER MAINTENANCE
				4	08/02/76	08/17/76	REPAIR & INSTALLATION OF FEEDWATER PUMPS
				5	08/25/76	08/30/76	MAINTENANCE OUTAGE
				6	11/05/76	11/30/76	FEEDWATER VIBRATION & RUPTURED DRAIN LINE

EIG ROCK POINT NUCLEAR PLANT

PWT	MWE-NET	CRIT-L	ELECTRIC	DCWN-#	CWN-DATE	UP-DATE	REASON
C240.0	72.0	C9/62	12/62	1	05/27/62	12/08/62	STARTUP & ACCEPTANCE
				2	C4/17/63	05/16/63	INSTALL R/C EQUIPMENT & DEVELOPMENTAL FUEL
				3	C5/25/63	08/26/63	MODIFY CORE SUPPORT SYSTEM
				4	1C/07/63	10/16/63	CHANGE FROM 800 TO 1500 PSIA OPERATION
				5	1C/18/63	10/23/63	REPLACE VESSEL C-RINGS
				6	12/01/63	12/21/63	INCREASE CORE SIZE FROM 56 TO 74 FUEL BUNDLES
				7	C3/25/64	05/21/64	LOAD TO 84 FUEL BUNDLES; FIRST YEAR TURBINE INSPECTION
				8	C7/12/64	08/05/64	RELOAD TO 44-BUNDLE CORE
				9	C8/26/64	09/15/64	INSPECT CORE AND REACTOR VESSEL INTERNALS
				10	C5/18/64	09/03/65	MODIFY THERMAL SHIELD & INSTALL ANNULAR SEAL
				11	1C/30/65	11/04/65	REPAIR STEAM LEAKS & MODIFY CONTROL ROD DRIVES
				12	C4/09/66	05/07/66	REFUEL--REPLACE 24 BUNDLES; CONTAINMENT LEAK RATE TEST
				13	C5/17/66	10/21/66	REFUEL--REPLACE 46 BUNDLES; INSTALL FW HEATER BYPASS
				14	1C/22/66	11/08/66	REPLACE 78 GRID BAR LOCKING MECHANISM BGLTS
				15	01/20/67	02/09/67	REPAIR MAIN TURBINE OIL PUMP LUBRICATION SYSTEM
				16	C5/15/67	06/14/67	REFUEL--REPLACE 13 BUNDLES; MODIFY RECIRCULATION PUMP
				17	C2/11/68	03/15/68	FOURTH REFUELING--INCL 6 CENTERMELT; INSPECT "C" FUEL
				18	C4/04/68	04/09/68	REINSTALL #2 RECIRCULATION PUMP
				19	C6/21/68	07/16/68	FIFTH REFUELING--INSTALL 41 FIRST BATCH "E" BUNDLES
				20	C4/18/69	05/09/69	SIXTH REFUELING--INSTALL 23 NEW FUEL BUNDLES
				21	1C/16/69	10/20/69	REPAIR STEAM LEAKS; SEMI-ANNUAL CRD TESTS
				22	C2/13/70	03/29/70	SEVENTH REFUELING
				23	C2/12/71	03/13/71	EIGHTH REFUELING
				24	C3/18/72	05/13/72	NINTH REFUELING
				25	C3/03/73	04/15/73	REFUELING SHUTDOWN
				26	12/08/73	01/11/74	REPACK ROOT VALVE & REPAIR EMERGENCY CONDENSER
				27	C3/23/74	05/05/74	CONDUCT 11TH REFUELING CUTAGE
				28	C6/02/74	07/27/74	CONDUCT 12TH REFUELING CUTAGE
				29	C1/06/75	06/07/75	ENGAGE REVIEW OF CORE SPRAY INSTRUMENTATION DEFICIENCIES
				30	C1/31/76	07/27/76	REFUELING; ECCS MODIFICATIONS

BROWNS FERRY NUCLEAR POWER PLANT UNIT 1

MWT	MWE-NET	CRIT-L	ELECTRIC	DOWN-#	DWN-DATE	UP-DATE	REASON
3293.0	1665.0	08/73	10/73	1	12/11/73	12/24/73	INSTALL INSTRUMENTATION FOR WARRANTY TESTS
				2	02/12/74	02/18/74	FAILURE TO PROVIDE VENTILATION TO STEAM TUNNEL
				3	02/28/74	03/08/74	RELIEF VALVE MAINTENANCE & REPLACEMENT
				4	04/03/74	04/13/74	LOST 500-KV LINES IN TORNADO & HPCI VALVE MAINTENANCE
				5	05/07/74	05/26/74	RELIEF VALVE & HPCI VALVE MAINTENANCE
				6	06/21/74	06/30/74	STEAM JET AIR EJECTOR SUPPLY VALVE CLOSURE & WELDING
				7	09/19/74	10/04/74	TURBINE BEARING INSPECTION, FEEDWATER HEATER REPAIR
				8	11/18/74	11/23/74	CHANGE OLT MAIN TRANSFORMER, REPAIR MAIN-STEAM VALVE
				9	02/02/75	02/09/75	CORE SPRAY WELD INSPECTION
				10	02/26/75	03/06/75	STOP VALVE CLOSURE
				11	02/22/75	09/14/76	CABLE FIRE

BROWNS FERRY NUCLEAR POWER PLANT UNIT 2

MWT	MWE-NET	CRIT-L	ELECTRIC	DOWN-#	DOWN-DATE	UP-DATE	REASON
3293.0	1065.0	07/74	08/74	1	10/07/74	10/25/74	MAIN TRANSFORMER FAILURE
				2	01/15/75	01/24/75	NUCLEAR RELIEF VALVE MALFUNCTION
				3	03/22/75	08/25/76	CABLE TRAY FIRE

BRUNSWICK STEAM ELECTRIC PLANT UNIT 2

MWT	MWE-NET	CRIT-L	ELECTRIC	CCWN-#	CWN-DATE	UP-DATE	REASON
2436.0	821.0	03/75	04/75	1	08/24/75	08/30/75	REPAIR OF RECIRCULATION PUMP SEALS
				2	05/05/75	09/22/75	REPAIR OF RECIRCULATION PUMP SEALS
				3	02/10/76	02/16/76	PACKING LEAKS REPAIRED
				4	03/19/76	05/22/76	CORRECT LPRM VIBRATION
				5	09/02/76	09/07/76	ECCS TESTING OF UNIT 1
				6	10/16/76	11/02/76	MAINTENANCE CUTAGE
				7	11/09/76	12/09/76	REPAIR 2B RECIRCULATION PUMP

CALVERT CLIFFS NUCLEAR POWER PLANT UNIT 1

MWT	MWE-NET	CRIT-L	ELECTRIC	CCWN-#	CWN-DATE	UP-DATE	REASON
2576.0	845.0	10/74	12/74	1	05/12/75	05/18/75	LCSS GF FEED PUMP & SUBSEQUENT WATER HAMMER IN FEED SYS
				2	08/11/75	08/22/75	LEAK IN REACTOR COOLING SYSTEM
				3	04/10/76	04/22/76	LEAK RATE DETERMINATION OF CONTAINMENT PIPING PENETR
				4	12/31/76	/ /	REFUELING

EDNARD C COCK PLANT UNIT 1

PWT	MWE-NET	CRIT-L	ELECTRIC	CCWN-#	CWN-DATE	UP-DATE	REASON
3250.0	1054.0	01/75	02/75	1	02/18/75	03/31/75	MAINTENANCE CUTAGE
				2	07/03/75	07/23/75	MAIN CONDENSER LEAK
				3	10/31/75	09/19/75	INSPECT MAIN UNIT TRANSFORMER; OTHER MAINTENANCE
				4	04/12/76	05/10/76	SURV TEST; S-G MCD; EDDY CURRENT TEST; MAINTENANCE
				5	09/10/76	09/19/76	INSPECT MAIN UNIT TRANSFORMERS; OTHER MAINTENANCE
				6	12/31/76	/ /	REFUELING

CCOPER NUCLEAR STATION

PWT	MWE-NET	CRIT-L	ELECTRIC	COWN-#	CWN-DATE	LP-DATE	REASON
2381.0	778.0	02/74	05/74	1	02/03/75	02/09/75	ULTRASONIC TESTING OF PIPING
				2	05/27/75	11/01/75	PLUG LOWER CORE PLATE BYPASS FLOW OF HCLES
				3	12/10/75	12/18/75	GENERATOR EXCITER FAILURE
				4	01/07/76	01/18/76	REPAIR/REDESIGN CFFGAS SYSTEM
				5	05/08/76	05/24/76	REPLACEMENT OF GENERATOR EXCITER & TORUS REPAIR
				6	05/18/76	11/12/76	REFUELING

DRESDEN NUCLEAR POWER STATION UNIT 1

MWT	MWE-NET	CRIT-L	ELECTRIC	DOWN-#	DOWN-DATE	UP-DATE	REASON
0700.C	0200.0	10/59	04/60	1	11/15/60	06/02/61	ROD CRIVE MODIFICATION
				2	10/02/61	12/06/61	INSPECT 6 CRIVES, 6 ELACES, CCFE SUPPORT & T/G
				3	11/07/62	02/21/63	PARTIAL REFUELING AND INSPECTION
				4	04/17/63	04/25/63	REMOVE TURBINE TEST EQUIPMENT; MODIFY DRAIN PIPING
				5	04/12/64	06/05/64	REFUELING, MAINTENANCE & REACTOR ENCLOSURE LEAK RATE
				6	03/28/65	05/29/65	PARTIAL REFUELING, TURBINE OVERHAUL & CONTAINMENT TEST
				7	10/11/65	10/17/65	REPAIR HIGH PRESSURE DRAIN LINE
				8	10/04/66	10/05/66	LOCATE PRIMARY SYSTEM LEAK; OPERATOR LICENSING EXAM
				9	11/25/66	11/30/66	THROTTLE VALVE REPAIRS & DRESDEN 2 OVERPRESSURE TEST
				10	01/13/67	05/28/67	PARTIAL REFUELING, HP TURBINE INSPECTION, FUEL CLEANING
				11	07/05/67	07/05/67	REPAIR PRIMARY FW HEATER LEAKS
				12	10/11/67	11/04/67	SWITCHYARD MODS & PRIMARY PIPING SYSTEM INSPECTION
				13	02/03/68	06/02/68	PARTIAL REFUELING, CRD OVERHAUL, GENERATOR INSPECTION
				14	01/23/69	02/02/69	CONDENSER TUBE INSPECTION & FW HEATER REPAIR
				15	05/06/69	12/31/69	PARTIAL REFUELING, CONTROL ROD OVERHAUL, RETUB CONDENSER
				16	04/16/70	04/26/70	REPAIR CONDENSER VALVE & FW TUBE LEAK
				17	02/03/71	02/11/71	REPAIR CRACK IN FOUR INCH PIPE
				18	04/08/71	04/16/71	TEST CRD & REPAIR MAIN STEAM LINE DRAIN LEAK
				19	05/10/71	02/03/72	REFUELING & HIGH PRESSURE TURBINE OVERHAUL
				20	05/30/72	11/03/72	CORE SPRAY SYSTEM INSTALLATION AND TESTING
				21	04/10/73	04/15/73	PERFORM SEMI-ANNUAL CONTR. ROD CRIVE SURVEILLANCE
				22	06/13/73	06/15/73	REPLACE DIESEL FIRE PUMP ENGINE
				23	10/05/73	07/05/74	REFUELING
				24	03/18/75	04/05/75	CORE SPRAY LINE INSPECTION
				25	05/01/75	01/25/76	REFUELING; UNCLADDER LINE REPLACEMENT & MAINTENANCE
				26	08/28/76	05/11/76	TIE-IN OF CFF-GAS SYSTEM & MAINTENANCE

CRESDEN NUCLEAR POWER STATION UNIT 2

MWT	MWE-NET	CRIT-L	ELECTRIC	DOWN-#	DOWN-DATE	UP-DATE	REASON
2527.0	809.0	01/70	04/70	1	06/05/70	08/11/70	EVALUATE & REPAIR DAMAGE DUE TO SPURIOUS SIGNAL & SCRAM
				2	10/12/70	10/25/70	REPAIR CONDENSER TUBE LEAK
				3	11/14/70	11/20/70	REPAIR FW PUMP & REPLACE CONTROL ROD DRIVE
				4	12/07/70	12/27/70	REPLACE MAIN TRANSFORMER
				5	02/26/71	05/27/71	REFUELING
				6	06/07/71	06/13/71	MODIFY MOISTURE SEPARATOR EFFLE
				7	02/19/72	05/10/72	SECOND REFUELING
				8	09/07/72	09/21/72	CORRECT 18 MAIN STEAM LINE FLOW RESTRICTOR PROBLEM
				9	10/13/72	11/07/72	REPLACE MAIN STEAM LINE FLOW RESTRICTOR
				10	12/22/72	12/31/72	PACK MAIN STEAM LINE DRAIN VALVE & REPLACE PUMP SEALS
				11	03/25/73	04/02/73	MAKE TIES TO MODIFIED OFF-GAS SYS
				12	08/02/73	08/13/73	SNUBBER INSPECTION
				13	02/12/74	03/07/74	TURBINE GENERATOR TURNING GEAR REPAIR
				14	06/08/74	06/15/74	MODIFIED OFF GAS SYSTEM TIE-IN
				15	09/13/74	10/07/74	4-INCH RECIRCULATION BYPASS LINE REPAIR
				16	11/02/74	05/19/75	REFUEL; FW SPARGER REFL; PIPE RFF; BYPASS LINE & SNUBBERS
				17	09/25/75	10/01/75	SURVEILLANCE OF 4" RECIRC BYPASS LINE & SNUBBERS
				18	10/08/75	10/14/75	REPAIR DRYWELL VENTILATION PIPE
				19	03/14/76	05/24/76	REFUELING & MAINTENANCE CUTAGE

CRESDEN NUCLEAR POWER STATION UNIT 2

PWT	MWE-NET	CRIT-L	ELECTRIC	DCWN-#	DWN-DATE	UP-DATE	REASON
2527.C	809.0	01/71	07/71	1	08/25/71	09/06/71	REPAIR TURBINE BELLOWS, CLEAN CONDENSER, REPLACE VALVE
				2	09/05/71	09/18/71	INSPECT LP TURBINE & REPLACE SAFETY VALVE
				3	10/18/71	10/28/71	REPAIR STEAM LEAK & LP HEATER RELEASE VALVES
				4	12/08/71	12/28/71	REPLACE LPRM CABLE & CLEAN CONDENSER
				5	04/14/72	04/25/72	REPAIR CONDENSER & DRAIN COOLERS
				6	11/18/72	11/24/72	3B RECIRCULATION PUMP LUB OIL ALARM; ISC VALVE TIMING
				7	07/31/73	08/10/73	SNUBBER INSPECTION
				8	01/17/74	01/24/74	HPCI & AUTOMATIC BLOWDOWN SYS REPAIRS
				9	03/11/74	06/06/74	REFUELING OUTAGE
				10	06/24/74	07/02/74	FEEDWATER SYS REPAIRS
				11	09/20/74	09/28/74	FEEDWATER SYS REPAIRS
				12	02/18/75	02/25/75	CORE SPRAY LINE INSPECTION
				13	04/16/75	09/19/75	REFUELING; FW SPGR REPL; 4" RECIRC BYPASS LINE REPAIR
				14	09/15/76	11/05/76	REFUELING & MAINTENANCE OUTAGE

JAMES A FITZPATRICK NUCLEAR POWER PLANT

MWT	MWE-NET	CRIT-L	ELECTRIC	DOWN-#	DOWN-DATE	UP-DATE	REASON
2436.0	821.0	11/74	02/75	1	01/01/75	07/28/75	HEATUP STARTUP TESTING & MAINTENANCE
				2	08/31/75	09/05/75	REPAIR OF PIPE LEAK ON CONDENSATE LINE
				3	09/11/75	09/16/75	REPAIR OF LEAK IN FEEDWATER INSTRUMENTATION LINE
				4	12/07/75	12/12/75	TURBINE TRIP
				5	12/15/75	12/25/75	TANK REPAIR & PLUGS & SPACERS INSTALLED IN CONDENSER
				6	01/16/76	03/20/76	LPRM CUTAGE
				7	07/21/76	07/27/76	MALEFUNCTION OF RELIEF VALVE "E"

FORT CALHOUN STATION UNIT 1

MWT	MWE-NET	CRIT-L	ELECTRIC	DOWN-#	DOWN-DATE	UP-DATE	REASON
1420.0	457.0	08/73	08/73	1	03/07/74	03/15/74	TESTING & INSTALLATION OF MAIN STEAM LINE RESTRAINTS
				2	03/29/74	04/11/74	MAIN STEAM LINE ISOLATION VALVE REPAIRS
				3	04/17/74	04/29/74	AIR PIPING SYS & REAC COOLANT PUMPS SEALS REPAIR
				4	11/09/74	11/17/74	REACTOR COOLANT SYS CHEMICALLY CLEANED
				5	02/01/75	05/09/75	REFUELING
				6	09/16/75	10/06/75	REPAIR REACTOR COOLANT PUMP SEAL
				7	02/21/76	03/25/76	REPLACEMENT OF INCORE DETECTOR
				8	10/01/76	12/10/76	REFUELING

FT ST VRAIN NUCLEAR GENERATING STATION

MWT	MWE-NET	CRIT-L	ELECTRIC	DCWN-#	DWN-DATE	UP-DATE	REASON
0841.7	330.0	01/74	12/76	1	05/01/75	07/01/76	CABLE SEPARATION & ELEC SEGREGATION PROBLEMS
				2	08/03/76	08/24/76	REPLACE 1C HELIUM CIRCULATOR
				3	09/21/76	10/15/76	REPAIR SH STEAM BYPASS SC VALVE
				4	10/25/76	11/15/76	REPAIR MSIV PACKING & HYD OIL SYSTEM
				5	11/23/76	12/05/76	REVIEW OF CIRCUITRY

ROBERT EMMETT GINNA NUCLEAR POWER PLANT UNIT 1

PWT	MWE-NET	CRIT-L	ELECTRIC	DOWN-#	DOWN-DATE	UP-DATE	REASON
1520.0	490.0	11/69	12/69	1	11/10/69	11/27/69	REVAMP PRESSURE LEVEL PIPING & RECALIBRATE CHANNELS
				2	12/24/69	01/17/70	FCST 30% POWER INSPECTION; OPERATOR TRAINING
				3	03/30/70	04/24/70	POST 100% POWER INSPECTION & MAINTENANCE
				4	05/14/70	06/19/70	OVERHAUL CONDENSATE PUMPS, MAINTENANCE & INST IMP
				5	05/30/70	10/15/70	REPAIR PCISTURE SEPERATOR REFEATER TUBES
				6	02/26/71	05/13/71	PARTIAL REFUELING, ANNUAL INSPECTION & MAINTENANCE
				7	04/14/72	06/24/72	REFUELING, ANNUAL INSPECTION & OVERHAUL
				8	10/06/72	11/10/72	REFUELING - REPLACE 48 NON-PRESSURIZED FUEL ASSEMBLIES
				9	07/22/73	07/31/73	"B" STEAM GENERATOR FEEDWATER VALVE REPAIR
				10	10/21/73	10/27/73	LCSS OF OUTSIDE POWER-CHANGE SETPOINTS FOR 2000 PSIA
				11	01/01/74	04/25/74	BLADE FAILURE #2 LOW PRESSURE TURBINE, REFUELING
				12	06/21/74	06/26/74	PRESSURIZER MANWAY GASKET REPLACEMENT
				13	11/02/74	11/13/74	STEAM GENERATOR TUBE INSPECTION
				14	03/10/75	05/19/75	"A" STEAM GEN LEAK, REFUELING & OTHER MAINTENANCE
				15	12/31/75	01/11/76	REPAIR "B" STEAM GENERATOR TUBE
				16	02/01/76	04/10/76	REFUELING & MAINTENANCE CTAGE
				17	04/24/76	05/07/76	REPAIR "B" STEAM GENERATOR TUBE
				18	08/07/76	09/03/76	REPAIRS & MCS TC #2 LOW PRESSURE TURBINE
				19	10/08/76	10/29/76	REPAIR LEAKS IN SAFETY INJECTION SYSTEM

FACDAM NECK (CONNECTICUT YANKEE)

MWT	MWE-NET	CRIT-L	ELECTRIC	DOWN-#	DOWN-DATE	UP-DATE	REASON
1825.0	575.0	07/67	08/67	1	08/07/67	08/15/67	REPLACE REACTOR COOLANT PUMP PAWLS; REPAIR STEAM LEAK
				2	08/21/67	10/02/67	REPAIR LEAKING PRESSURIZER SAFETY VALVES
				3	10/05/67	10/10/67	MODIFY VENT LINE FROM #2 FW HEATER TO HEATER DRAIN TANK
				4	10/25/67	10/30/67	LCW POWER PHYSICS TESTS; MISC SECONDARY PLANT REPAIRS
				5	11/20/67	11/28/67	PHYSICS TESTING, INSPECT CONTROL VALVE, MISC REPAIRS
				6	01/12/68	01/23/68	LAP PRESSURIZER SAFETY VALVES; INSPECTION & REPAIRS
				7	03/01/68	03/12/68	MISC PLANT MODIFICATIONS & REPAIRS
				8	03/15/68	03/27/68	REPAIR HIGH PRESSURE TURBINE FLANGE LEAK
				9	03/25/68	04/15/68	MODIFY HIGH PRESSURE TURBINE FLANGE
				10	04/11/69	05/11/69	MODIFY TURBINE STOP & CONTROL VALVES
				11	04/17/70	06/26/70	REFUELING AND MAINTENANCE
				12	04/16/71	05/26/71	REFUELING AND MAINTENANCE
				13	06/10/72	07/14/72	REFUELING AND MAINTENANCE
				14	06/02/73	06/17/73	PRESSURE TURBINE STATICARY & ROTATING BLADE REPAIR
				15	07/08/73	12/14/73	REPLACED BOTH LCW PRESSURE TURBINE SPINDLES
				16	03/23/74	04/20/74	REPLACED 6 BLADES IN #1 LCW PRESSURE TURBINE
				17	05/17/75	07/01/75	REFUELING & MAINTENANCE
				18	05/18/76	07/19/76	REFUELING & MAINTENANCE

EDWIN I HATCH NUCLEAR PLANT UNIT 1

MWT	MWE-NET	CRIT-L	ELECTRIC	DCWN-#	CWN-DATE	UP-DATE	REASON
2436.C	786.C	09/74	11/74	1	02/02/75	02/11/75	RADIOGRAPH WELDS IN DRYWELL
				2	04/15/75	04/30/75	SEHC CIL LEAK; MAINT TURBINE SV & CIV SCREEN REMOVAL
				3	11/16/75	12/24/75	IMPLEMENT LPRM VIBRATION FIX
				4	03/27/76	04/22/76	MODIFY LPCI SYSTEM & REPAIR MSIV
				5	05/25/76	06/05/76	REPLACE "B" M-G SET DRIVE MOTOR

HUMBOLDT BAY POWER PLANT

MWT	MWE-NET	CRIT-L	ELECTRIC	DOWN-#	DOWN-DATE	UP-DATE	REASON
220.0	63.0	02/63	04/63	1	10/26/63	11/17/63	CORRECT REACTOR VESSEL HEAD CLOSURE LEAKAGE
				2	01/19/64	02/02/64	CORRECT TURBINE STEAM LEAK & TEST PROTECTION SYSTEM
				3	08/16/64	09/13/64	REMOVE POISON CURTAINS; INSERT 14 NEW FUEL ASSEMBLIES
				4	09/20/65	12/01/65	REFUEL & PLANT IMPROVEMENT CHANGES
				5	01/14/66	01/20/66	REPAIR REACTOR EMERGENCY VENT VALVES
				6	11/18/66	12/20/66	REFUEL & ROUTINE MAINTENANCE AND TESTS
				7	03/25/67	04/05/67	REMOVE DEFECTIVE FUEL
				8	10/04/67	10/28/67	REFUEL & ROUTINE MAINTENANCE
				9	10/05/68	10/26/68	REFUEL & ROUTINE MAINTENANCE
				10	06/14/69	07/20/69	REFUEL & ROUTINE MAINTENANCE
				11	04/17/70	05/09/70	REFUEL & ROUTINE MAINTENANCE
				12	07/17/70	08/07/70	CFF-SITE ELECTRICAL SYSTEM DISTURBANCE
				13	01/08/71	01/14/71	REPAIR "SIMMERING" REACTOR SAFETY VALVES
				14	06/06/71	08/26/71	REFUEL, OVERHAUL TURBINE & ROUTINE MAINTENANCE
				15	08/25/72	10/06/72	REFUEL, TURBINE MAINTENANCE & MODIFY BAFFLES
				16	10/06/72	10/23/72	REPAIR CONTROL ROD DRIVE FLANGE LEAK
				17	09/01/73	10/02/73	REFUEL, TURBINE REPAIRS, ROUTINE SHUTDOWN MAINTENANCE
				18	10/30/74	12/25/74	REFUELING, TURBINE REPAIRS, ROUTINE SHUTDOWN MAINTENANCE
				19	05/30/75	07/08/75	REFUELING & MINOR MAINTENANCE
				20	07/14/75	07/22/75	REPAIRS TO REACTOR HEAD "3" RING LEAK & DRYWELL COOLING
				21	03/17/76	03/26/76	REPAIR SMALL PRIMARY SYSTEM LEAK
				22	07/02/76	/ /	SEISMIC MODIFICATIONS

INDIAN POINT STATION UNIT 1

MWT	MWE-NET	CRIT-L	ELECTRIC	DOWN-#	DOWN-DATE	UP-DATE	REASON
0615.0	265.0	C8/62	C9/62	1	11/14/62	12/31/62	MAKE CHANGES IN CONVENTIONAL SYSTEM & CONTROL ROD DRIVE
				2	06/08/63	06/26/63	MODIFY CONTROL ROD #2 PURGE SYSTEM
				3	08/02/63	09/05/63	REPAIR PRIMARY COOLANT PUMPS & REPLACE SWITCHES IN CRD
				4	09/28/63	11/01/63	INSTALL SS LINER IN TRANSFER POOL & MISC REPAIRS
				5	11/19/63	12/03/63	REPAIR CRACK IN STEAM LINE
				6	01/20/64	07/20/64	COMPLETE SS LINING OF SPHERE FUEL TRANSFER CANAL
				7	09/25/64	11/04/64	REPAIR NUCLEAR BOILER TUBE LEAKS
				8	02/05/65	03/17/65	REPAIR #4 CRD LINE & NUCLEAR BOILER #11 TUBE LEAK
				9	05/12/65	05/25/65	REPLACE #14 & #16 CRD SHAFT SEAL PINS & RELIEF VALVES
				10	10/20/65	03/26/66	REFUELING & CONTROL ROD DRIVE SYSTEM MAINTENANCE
				11	09/23/66	10/07/66	REPAIR TUBE LEAKS & MISCELLANEOUS REQUIRED TESTS
				12	09/29/67	12/13/67	REPLACE 40 SPENT FUEL ASSEMBLIES
				13	04/26/68	05/06/68	REPAIR PRIMARY TO SECONDARY LEAKS & PERIODIC TESTS
				14	11/13/68	11/30/68	REPAIR PRIMARY TO SECONDARY LEAK IN #14 NUCLEAR BOILER
				15	02/11/69	03/28/69	REFUELING
				16	05/16/69	05/26/69	REINSTALL FCP #141 & REPAIR LEAK IN #14 NUCLEAR BOILER
				17	03/20/70	05/20/70	REFUELING
				18	05/20/70	02/08/71	REPAIR LEAKAGE IN #12 & #14 NUCLEAR BOILERS
				19	05/28/71	06/07/71	PRIMARY TO SECONDARY LEAKS IN NUCLEAR BOILERS #12 & 13
				20	07/12/71	08/16/71	PRIMARY TO SECONDARY LEAKS IN #12, 13 & 14
				21	10/15/71	11/04/71	PRIMARY TO SECONDARY LEAKS IN #11 & 14
				22	01/18/72	02/16/72	PRIMARY TO SECONDARY LEAKS IN #11 & 14
				23	03/22/72	04/28/72	PRIMARY TO SECONDARY LEAKS IN #11, 12 & 14; CRD REPAIRS
				24	06/17/72	07/12/72	REPAIR DAMAGE TO CRD CAUSED BY LOSS OF 13.5 KV AUX
				25	11/03/72	11/12/72	REPAIR #11 NUCLEAR BOILER & PERIODIC TESTING
				26	12/12/72	12/19/72	REPAIR FEEDWATER FLOW LEAKS
				27	01/01/73	01/20/74	MAINTENANCE & REFUELING
				28	05/05/74	05/15/74	REPAIR STEM ON MAIN TURBINE NO 3 THROTTLE VALVE; MISC
				29	07/07/74	07/17/74	REPAIR NO 11 DEAERATOR STORAGE TANK MANWAY GASKET
				30	10/31/74	12/31/74	ECCS MCDS
				31	01/01/75	/ /	FUEL UNLOADED; SHUTDOWN PENDING DECISION ON FUTURE OFN

INDIAN POINT STATION UNIT 2

MWT	MWE-NET	CR11-L	ELECTRIC	DOWN-#	DOWN-DATE	UP-DATE	REASON
2758.0	873.0	05/73	06/73	1	07/02/73	07/10/73	BUTTERFLY VALVES FOUND INOPERATIVE
				2	07/27/73	08/04/73	REPAIR LEAK ON CIRCULATOR PIPE JOINT
				3	09/07/73	09/21/73	REINSPECT HYDRAULIC SHOCK ABSORBERS
				4	10/12/73	11/13/73	AUTOMATIC TRIP DUE TO LOSS OF FIELD
				5	11/13/73	01/26/74	REPAIR MAIN FEEDWATER LINE #22 STEAM GENERATOR
				6	01/30/74	02/22/74	MOCS TO FEEDWATER RINGS OF FCLF STEAM GENERATORS
				7	04/18/74	04/29/74	SCHEDULED OUTAGE FOR INSPECTION OF SEISMIC PIPE
				8	05/12/74	05/21/74	REPAIR RUPTURED DISC ON PRESSURIZER RELIEF TANK
				9	07/26/74	08/07/74	REPAIR SAFETY INSPECTION CHECK VALVES & CONTROL VALVES
				10	09/30/74	10/12/74	REPAIR REACTOR COOLANT PUMP CONTROLLED LEAKAGE
				11	02/28/75	04/04/75	CHANGEOVER TO ALL VOLATILE TREAT OF STEAM GEN WATER
				12	07/28/75	08/11/75	REPAIR RCP #21 & 22 SEALS
				13	10/16/75	10/31/75	GENERATOR TRIP
				14	02/30/76	03/27/76	REFUELING & MAINTENANCE
				15	10/25/76	12/10/76	INSPECTION OF STEAM GENERATOR & MISC MAINTENANCE

INDIAN POINT STATION UNIT 2

MWT	MWE-NET	CRIT-L	ELECTRIC	DOWN-#	DWN-DATE	UP-DATE	REASON
3015.0	873.0	04/76	04/76	1	05/15/76	05/22/76	EQUIPMENT FAILURE
				2	09/10/76	10/02/76	MAINTENANCE CUTAGE

KEWAUNEE NUCLEAR POWER PLANT UNIT 1

MWT	MWE-NET	CRIT-L	ELECTRIC	CGWN-#	CWN-DATE	LP-DATE	REASON
1650.0	535.0	03/74	04/74	1	06/28/74	07/10/74	PRIMARY & SECONDARY SYSTEM MINOR MAINTENANCE
				2	09/20/74	10/15/74	REQUIRED STEAM GENERATOR TEE INSPECTION
				3	09/11/75	09/19/75	REPAIR STEAM GENERATOR & PRESSURIZER MANWAY LEAKS
				4	10/26/75	11/02/75	OVERHAUL MAIN STEAM ISOLATION VALVES
				5	02/14/76	04/11/76	REFUELING
				6	05/05/76	05/18/76	SEAL REPLACEMENT ON REACTOR VESSEL HEAD

LACROSSE (GENOA) NUCLEAR GENERATING STATION

PWT	MWE-NET	CRIT-1	ELECTRIC	CCWN-#	CWN-DATE	UP-DATE	REASON
0165.0	50.0	07/67	04/68	1	07/11/67	12/31/67	STARTUP & TEST PROGRAM
				2	01/17/68	01/29/68	PRESSURE CONTROL VALVE STEM ERCSICK - FC PLMP 1A & 1B
				3	02/02/68	02/23/68	PERFORM CORE SPRAY TEST; REPLACE CRDM COMPOSITION PULLEY
				4	02/26/68	03/19/68	REPAIR FC PLMP SEALS & VARIOUS CRDMS
				5	03/26/68	04/21/68	REWORK FC PUMP SEAL ASSEMBLIES
				6	04/26/68	05/07/68	FLUSH & CLEAN PRIMARY AND CONDENSATE WATER SYSTEMS
				7	05/17/68	05/23/68	INVESTIGATE SUSPECTED TUBE LEAKS IN SHUTDOWN CONDENSER
				8	05/30/68	11/20/68	TESTS, INSPECTIONS, REPAIRS & MODS AFTER 25% POWER
				9	12/05/68	12/10/68	COMPLETE MODS TO SHUTDOWN CONDENSER INLET VALVES
				10	12/17/68	01/14/69	REPAIR FAILED FUEL ELEMENT LOCATION SYSTEM FITTINGS
				11	01/19/69	03/26/69	REPAIR HIGH PRESSURE TURBINE CASING LEAK
				12	04/04/69	04/29/69	REPLACE FC PLMP 1A BEARINGS & SEALS
				13	05/04/69	07/19/69	REPLACE UPPER CRM TO VESSEL SEALS
				14	05/12/69	05/24/69	COMPLETE 28 DAY WARRANTY RUN
				15	10/15/69	05/01/70	MODIFY 4 FW NOZZELS TO PRIMARY COOLANT SYSTEM
				16	06/19/70	07/02/70	INSPECT TURBINE-GENERATOR ROTOR
				17	11/01/70	12/18/70	CONTAINMENT LEAK RATE TEST, INSPECT FUEL & INST MODS
				18	01/20/71	01/30/71	REPAIR TURBINE STEAM REPEAT TUBE LEAKS
				19	03/09/71	03/17/71	REPAIR FC PLMP 1E SEAL
				20	05/04/71	12/31/71	REPLACE REACTOR VESSEL HEAD STUDS
				21	01/08/72	01/13/72	REPAIR RUPTURED TURBINE REHEATER LEVEL CONTROL CHAMBER
				22	05/19/72	06/16/72	SEMI-ANNUAL MAINTENANCE
				23	07/15/72	07/21/72	REPAIR FORCED CIRCULATION PUMP MECHANICAL SEAL
				24	08/19/72	10/14/72	REPLACE 8 CLAC FAILED FUEL ASSEMBLIES & REMOVE CRUD
				25	11/23/72	12/02/72	INSPECT 5 SENSITIZED STAINLESS STEEL SAFE-ENDS
				26	03/30/73	06/25/73	REFUELING & SEMI-ANNUAL MAINTENANCE
				27	11/03/73	12/21/73	REFUELING & SEMI-ANNUAL MAINTENANCE
				28	05/07/74	05/29/74	SEMI-ANNUAL MAINTENANCE
				29	08/28/74	09/20/74	MAINTENANCE-REACTOR VESSEL STRESS ANALYSIS
				30	05/28/74	10/10/74	REPAIR & TESTING CONTAINMENT BUILDING MAIN STREAM VALVE
				31	05/10/75	08/15/75	REFUELING, TURBINE OVERHALL, SEMI-ANNUAL MAINTENANCE
				32	02/25/76	08/12/76	PLANT MODIFICATIONS TO MEET IAC FOR ECCS
				33	11/02/76	11/07/76	REPAIR FC PLMP SEALS

MAINE YANKEE ATOMIC POWER PLANT

MWT	MWE-NET	CRIT-L	ELECTRIC	CCWN-#	CWN-DATE	UP-DATE	REASON
2440.0	790.0	10/72	11/72	1	10/23/72	12/28/72	STARTUP & TEST PROGRAM
				2	02/18/73	03/12/73	INSPECTION & REPAIR OF LOW PRESSURE TURBINE
				3	06/29/73	08/02/73	SCHEDULE TURBINE/GENERATOR INSPECTION
				4	09/07/73	09/20/73	GENERATOR ALIGNMENT & BALANCING
				5	06/28/74	11/11/74	FUEL REPLACEMENT
				6	01/16/75	01/22/75	EXAMINE FEEDWATER LINES
				7	05/02/75	06/28/76	REFUELING
				8	05/03/76	09/14/76	REPLACEMENT OF REACTOR PUMP SEAL ASSEMBLIES

MILLSTONE NUCLEAR POWER STATION UNIT 1

MWT	MWE-NET	CRIT-L	ELECTRIC	DOWN-#	DOWN-DATE	UP-DATE	REASON
2011.0	652.0	10/70	11/70	1	10/26/70	11/29/70	STARTUP AND TEST
				2	01/20/71	01/24/71	REPAIR CORE SPRAY & LPCI INJECTION VALVES
				3	01/31/71	02/11/71	TRAINING & MISCELLANEOUS MAINTENANCE
				4	03/07/71	03/17/71	MODIFY MAIN CONDENSER
				5	06/05/71	06/11/71	OVERHAUL TURBINE CONTROL VALVE
				6	09/29/71	10/03/71	OVERHAUL TURBINE CONTROL SYSTEM
				7	10/10/71	10/24/71	MODIFY TURBINE CONTROL SYSTEM; REPAIR MAIN STEAM LINES
				8	02/05/72	02/13/72	GAS TURBINE CONTROL CIRCUIT REPAIRS
				9	02/24/72	03/01/72	MAIN STEAM LINE FLOW RESTRICTOR REPAIRS
				10	09/01/72	12/31/72	REFUEL AND REPLACE MAIN COND. TUBES & F.W. SPARGERS
				11	04/18/73	07/16/73	REPLACE FEEDWATER SPARGES (3RD SET)
				12	07/16/73	07/28/73	TEST FOR INVERTED GE CONTROL RCC PROBLEM
				13	09/14/73	09/22/73	TEST FOR INVERTED GE CONTROL RCC PROBLEM
				14	08/30/74	11/02/74	ROUTINE FUEL & MAINTENANCE CUTAGE
				15	02/07/75	02/15/75	REPAIR MS FLOW RESTRICTOR; EXAMINE CORE SPRAY LINES
				16	07/27/75	08/13/75	REPAIR MAIN STEAM LINE FLOW RESTRICTORS
				17	09/12/75	10/21/75	MAINTENANCE; REFUELING - REPLACE MAIN TRANSFORMER
				18	11/13/75	11/23/75	REPR LEAK ON INSTRUMENT LINE ON RECIRCULATION PIPING
				19	04/15/76	04/20/76	REPAIRS TO EMERGENCY GAS TURBINE GENERATOR
				20	08/10/76	08/18/76	CLEANING INSULATORS & GAS TURBINE REPAIR
				21	10/01/76	12/01/76	REFUELING & MAINTENANCE

MILLSTONE NUCLEAR POWER STATION UNIT 2

PWT	MWE-NET	CRIT-L	ELECTRIC	CCWN-#	CWN-DATE	LP-DATE	REASON
2560.0	828.0	10/75	11/75	1	02/12/76	02/16/76	REPAIRS TO REACTOR COOLANT PUMP SEAL
				2	03/22/76	03/30/76	TURBINE INTERCEPT STOP VALVE FAILURE
				3	05/10/76	05/14/76	TURBINE STOP VALVE REPAIR & CONDENSER TUBE LEAKS
				4	07/21/76	08/01/76	REPLACE REACTOR COOLANT PUMP SEAL
				5	12/19/76	/ /	INSTALLATION OF DIESEL ENGINE

MONTICELLO NUCLEAR GENERATING PLANT

MWT	MWE-NET	CRIT-L	ELECTRIC	DOWN-#	DOWN-DATE	UP-DATE	REASON
1670.0	545.0	12/70	03/71	1	07/14/71	07/26/71	REMOVE TEMPORARY STARTUP SCREENS IN STEAM CYCLE
				2	08/26/71	09/02/71	REPAIR FEEDWATER HEATER LEAK
				3	11/12/71	01/31/72	REMOVE TORUS BAFFLES, MODIFY TORUS RELIEF VALVE LINE
				4	07/10/72	07/17/72	RELIEF AND SAFETY VALVE PROBLEMS
				5	07/21/72	08/02/72	TRANSFORMER BUSHING FAILURE, RELIEF VALVE BELLOWS LEAK
				6	12/15/72	12/21/72	FW SYSTEM VALVE LEAK, RFR PUMP MOTOR BAFFLE FAILURES
				7	03/03/73	05/19/73	TURBINE/GENERATOR INSPECTION & MISC MAINTENANCE
				8	06/16/73	06/20/73	REAC SCRAM
				9	07/31/73	08/10/73	CHECK CONDITION OF HYDRAULIC SHOCK SUPPRESSORS
				10	09/28/73	10/06/73	CHANGE SAFETY VALVE SETPOINTS
				11	11/14/73	11/18/73	INSPECT & REPLACE SEAL MAT'L
				12	03/15/74	05/21/74	MAINTENANCE/REFUELING OUTAGE
				13	11/15/74	11/21/74	INVESTIGATE CAUSE FOR OPENING RELIEF VALVE
				14	01/10/75	02/01/75	REPL PORTIONS OF 4" RECIRC BYPASS LINE; REFUEL OUTAGE
				15	09/11/75	10/31/75	REFUELING
				16	02/20/76	03/01/76	VALVE & RECIRC PUMP SEAL REPAIRS
				17	08/03/76	09/09/76	REPAIR LEAKS IN FEEDWATER HEATER

NINE MILE POINT NUCLEAR STATION UNIT 1

MWT	MWE-NET	CRIT-L	ELECTRIC	CCWN-#	CWN-DATE	UP-DATE	REASON
1850.0	610.0	09/69	11/69	1	11/09/69	11/30/69	STARTUP AND TEST
				2	01/24/70	02/03/70	MODIFY MOISTURE SEPARATOR; REPLACE EXCITER GEAR BEARING
				3	03/02/70	07/12/70	REPLACE EXCITER PINION GEAR & CORE SPRAY SAFE ENDS
				4	10/05/70	10/19/70	OPERATOR LICENSING
				5	12/04/70	12/21/70	INSPECT & REPAIR TURBINE CONTROL VALVES
				6	04/03/71	05/28/71	INSPECT & OVERHAUL STATIC EQUIPMENT
				7	06/01/71	06/08/71	REPAIR MOISTURE SEPARATOR
				8	09/05/71	09/22/71	REPLACE LEAKY FUEL PINS
				9	04/01/72	06/14/72	PRECISION CURTAIN REMOVAL & STATIC OVERHAUL
				10	11/19/72	11/24/72	REPLACE SAFETY VALVES & REPAIR VESSEL HEAD INSULATION
				11	02/09/73	02/15/73	REPLACEMENT OF SOME CONTROL ROD DRIVES & SRM'S
				12	04/14/73	06/16/73	ANNUAL REFUEL & MAINTENANCE OUTAGE
				13	10/18/73	10/23/73	HIGH DRYWELL FLOOR DRAIN LEAKAGE, RETEST SHUTDOWN MAR
				14	03/30/74	07/02/74	ANNUAL OVERHAUL & REFUELING
				15	10/12/74	10/13/74	EMERGENCY CONDENSER 5-YEAR TEST
				16	12/21/74	12/31/74	HIGH DRYWELL FLOOR DRAIN LEAKAGE
				17	01/01/75	01/05/75	HIGH DRYWELL FLOOR DRAIN LEAKAGE
				18	02/03/75	02/12/75	NRC PIPING INSPECTION
				19	09/13/75	12/04/75	ANNUAL OVERHAUL & REFUELING
				20	03/22/76	04/09/76	REPAIR LEAKS IN REACTOR WATER CLEANUP SYSTEM

CCCNEE NUCLEAR STATION UNIT 1

MWT	MWE-NET	CRIT-L	ELECTRIC	DOWN-#	DWN-DATE	UP-DATE	REASON
2568.0	887.0	04/73	05/73	1	06/22/73	07/09/73	BEARING INSPECTION
				2	06/17/73	06/25/73	FEEDWATER VALVE REPAIR
				3	05/01/73	09/05/73	PREPARATION TURBINE ACCEPTANCE TEST & CRC STATUS
				4	01/01/74	01/18/74	SCHEDULED MAINTENANCE & TESTING
				5	05/02/74	06/06/74	SCHEDULED MAINTENANCE & TESTING
				6	12/19/74	03/12/75	SCHEDULED REFUELING & RCP SEAL REPAIRS
				7	07/26/75	08/01/75	RCP LLERICATION CHANGE
				8	02/07/76	04/06/76	REFUELING & MAINTENANCE
				9	04/18/76	05/31/76	INSPECTION & REPAIR OF REACTOR INTERNALS
				10	10/31/76	11/15/76	REPAIR TUBE GENERATOR LEAK
				11	11/18/76	12/06/76	CORRECTION OF VIBRATION IN TURBINE BEARING
				12	12/08/76	12/20/76	REPAIR TURBINE BEARING HYDRAULIC SHOCK SUPPRESSORS

CCGNEE NUCLEAR STATION UNIT 2

MWT	MWE-NET	CRIT-L	ELECTRIC	DOWN-#	DOWN-DATE	UP-DATE	REASON
2568.0	887.0	11/73	12/73	1	09/28/74	10/24/74	REACTOR COOLANT PUMP MAINTENANCE
				2	12/11/74	12/15/74	PRESSURIZER SPRAY VALVE LEAKAGE
				3	01/15/75	03/07/75	LEAKING PRESSURIZER RELIEF VALVE
				4	04/02/75	04/06/75	PACKING LEAKING ON REACTOR COOLANT PUMPS # 1 & 3
				5	07/01/75	07/08/75	LOW REACTOR COOLANT PUMP MOTOR OIL LEVEL
				6	08/03/75	09/14/75	SCHEDULED MAINTENANCE
				7	10/24/75	11/02/75	REACTOR BUILDING ELECTRICAL PENETRATION
				8	02/14/76	02/21/76	REPLACE REACTOR COOLANT PUMP SEALS & CFD STATOR
				9	04/07/76	06/11/76	INSPECTION & REPAIR OF REACTOR INTERNALS; REFUELING
				10	12/04/76	12/26/76	REPAIR STEAM GENERATOR LEAK; INJECTION SYSTEM VALVE

OCONEE NUCLEAR STATION UNIT 3

MWT	MWE-NET	CRIT-L	ELECTRIC	DOWN-#	DWN-DATE	LP-DATE	REASON
2568.0	887.0	09/74	09/74	1	12/23/74	01/11/75	SCHEDULED MAINTENANCE & TESTING
				2	04/07/75	04/27/75	REACTOR COOLANT PUMP MOTOR SEAL
				3	05/01/75	05/14/75	REACTOR COOLANT PUMP MOTOR SEAL REPLACEMENT
				4	06/13/75	06/25/75	REPAIR LEAKING REACTOR COOLANT PUMP SEALS
				5	09/20/75	10/11/75	REACTOR COOLANT PUMP SEAL LEAKAGE
				6	02/23/76	02/25/76	REPLACE REACTOR COOLANT PUMP SEALS
				7	03/20/76	04/17/76	INSPECT SPECIMEN SURVEILLANCE TUBES
				8	07/01/76	07/08/76	INSPECT REACTOR COOLANT SYSTEM HYDRAULIC SUPPRESSORS
				9	07/21/76	07/30/76	REPAIR STEAM GENERATOR TUBE LEAK
				10	09/18/76	11/10/76	REFUELING

CYSTER CREEK NUCLEAR POWER PLANT UNIT 1

MWT	MWE-NET	CRIT-L	ELECTRIC	DCWN-#	DWN-DATE	UP-DATE	REASON
1530.0	650.0	05/69	09/69	1	06/01/69	06/05/69	STARTUP & ACCEPTANCE
				2	02/01/70	02/12/70	TEST & REPAIR MAIN STEAM ISOLATION VALVES
				3	04/19/70	04/21/70	COMPLETE CONTROL ROD DRIVE SYSTEM OVERHAUL
				4	10/17/70	10/27/70	PERFORM INTEGRATED PRIMARY CONTAINMENT LEAK RATE TEST
				5	02/13/71	02/18/71	INSPECT TURBINE CONTROL VALVE SEAT ECLTS
				6	09/18/71	11/12/71	PARTIAL REFUELING & T/G INSPECTION
				7	11/16/71	11/22/71	REPAIRS TO MAIN STEAM ISOLATION VALVE OPERATORS
				8	05/02/72	06/19/72	REFUELING & TURBINE INSPECTION
				9	08/10/72	08/14/72	2ND STAGE REHEATER TRAIN TANK & TCRS MAINTENANCE
				10	01/01/73	01/13/73	CLOSURE OF MAIN STOP VALVES
				11	04/14/73	06/04/73	PARTIAL REFUELING & TURBINE-GENERATOR INSPECTION
				12	09/08/73	10/05/73	MAINTENANCE ON CONTROL VALVES, HYDRAULIC SHOCK ABSORBER
				13	01/12/74	01/21/74	INSPECTION OF HYDRAULIC SHOCK & SWAY ARRESTORS-CRYWELL
				14	03/07/74	03/12/74	MAIN. ON 3 CRYWELL TO TCRS VACUUM BREAKER VALVES
				15	04/13/74	07/02/74	ANNUAL REACTOR REFUELING OUTAGE
				16	10/08/74	10/16/74	MAIN. ON LEAKING BONNET GASKET ON 1" BYPASS VALVE
				17	02/04/75	02/10/75	SCRAMMED DUE TO LOW REACTOR WATER LEVEL
				18	03/19/75	05/26/75	ANNUAL REFUELING & MAINTENANCE OUTAGE
				19	09/24/75	10/03/75	MALFUNCTION OF EQUIP IN REAC COOLANT CLEANUP SYSTEM
				20	11/25/75	12/01/75	PLUGGING OF LARGE NUMBER OF LEAKY CONDENSER TUBES
				21	12/27/75	03/10/76	REFUELING; MAINTENANCE OUTAGE

PAL ISADES

MWT	MWE-NET	CRIT-L	ELECTRIC	DOWN-#	DWN-DATE	UP-DATE	REASON
2212.0	668.0	05/71	12/71	1	05/24/73	01/11/72	STARTUP & TEST PROGRAM
				2	02/03/72	03/05/72	FEEDWATER REGULATOR VALVE MALFUNCTION; CHECK CROM SEALS
				3	02/15/72	03/24/72	REPAIR LEAKING CROM SEALS
				4	04/22/72	06/03/72	MODIFY CHARGING SYSTEM DISCHARGE PIPING
				5	08/26/72	09/03/72	REPAIR LEAKING CROM SEALS
				6	09/12/72	09/22/72	INSPECT MAIN 345 KV TRANSFORMER
				7	10/23/72	11/12/72	INSPECT & REFURBISH CROM SEALS
				8	01/16/73	03/06/73	PLUG STEAM-GENERATOR TUBES
				9	05/18/73	05/30/73	REPAIRS TO MOISTURE-SEPARATOR REPEATERS
				10	08/11/73	10/01/74	PLUG TUBES IN STEAM GEN TURBINE GEN PLACING
				11	10/17/74	10/27/74	AEC LICENSING EXAM., CROM REPAIR & WATER CHEM. PROBLEM
				12	11/01/74	04/02/75	REPL COND TUBING; RPR TURBINE; REPL MAIN COND TUBES
				13	06/02/75	06/30/75	REPAIR LEAKING CROM SEALS
				14	12/20/75	04/26/76	REFUELING
				15	05/12/76	05/17/76	REPAIR CROM SEAL LEAKAGE
				16	10/20/76	10/26/76	REPAIR LEAK IN CHEM & VOLUME CONTROL SYSTEM
				17	11/12/76	11/16/76	REPAIR CONTROL ROD DRIVE

PEACH BOTTOM ATOMIC POWER STATION UNIT 2

MWT	MWE-NET	CRIT-L	ELECTRIC	CCWN-#	CWN-DATE	UP-DATE	REASON
3293.0	1065.0	09/73	02/74	1	01/01/74	02/14/74	MAIN GENERATOR ROTOR REPAIR
				2	03/18/74	03/26/74	RELIEF VALVE MAINTENANCE
				3	11/04/74	11/09/74	RELIEF VALVE PILCT PISTONS REPAIRED & TESTED
				4	01/14/75	01/23/75	RECIRC PIPING EXAM & OTHER MISC MAINTENANCE
				5	02/11/75	02/20/75	ULTRASONIC TESTING & HEAT EXCHANGER LEAKS
				6	05/17/75	06/08/75	REPAIR PRIMARY CONTAINMENT PENETRATION VALVES
				7	06/19/75	06/24/75	FAULTY BREAKER
				8	10/31/75	11/30/75	LPCI MODIFICATION
				9	03/27/76	06/22/76	REFUELING & MAINTENANCE
				10	11/14/76	11/26/76	VALVE MAINTENANCE & MODIFY REACTOR WATER CLEANUP SYSTEM

PEACH BOTTOM ATOMIC POWER STATION UNIT 3

PWT	MWE-NET	CRIT-L	ELECTRIC	DOWN-#	CWN-DATE	LP-DATE	REASON
3293.0	1065.0	C8/74	09/74	1	C5/18/74	10/03/74	MISCELLANEOUS MAINTENANCE AFTER COMPLETION 25% STARTUP
				2	12/06/74	12/10/74	REPAIR RELIEF VALVE FILT PISTONS & REPLACE RECIR PUMP
				3	C1/03/75	01/11/75	STEAM LEAK & SCHEDULED MAINTENANCE
				4	C1/17/75	02/06/75	RECIRC PUMP REPAIR SCH MAINT ON CORE SPRAY & OTHER SYS
				5	C2/17/75	02/23/75	LEAK IN 3B RHR HEAT EXCHANGER
				6	C5/17/75	09/23/75	"A" RECIRC PUMP SEAL LEAK
				7	C1/01/76	02/02/76	CORRECTION OF LPRM VIBRATIONS
				8	C2/27/76	C3/05/76	WGRK ON RHP SYSTEM THROTTLING VALVE & DRYWELL
				9	05/08/76	05/15/76	REPLACE "B" RECIRC PUMP MOTOR GUIDE BEARING
				10	C5/25/76	C6/01/76	REPAIR MAIN GENERATOR GFCUC
				11	07/20/76	C7/26/76	MAJFNCTION OF "G" RELIEF VALVE
				12	12/24/76	/ /	REFUELING

PILGRIM STATION UNIT 1

MWT	MWE-NET	CRIT-L	ELECTRIC	DOWN-#	DOWN-DATE	UP-DATE	REASON
1598.0	655.0	06/72	07/72	1	07/24/72	09/16/72	AWAITING AEC LICENSE
				2	10/03/72	10/10/72	REPAIR RECIRCULATION PUMP SEAL & CONDENSER SPARGERS
				3	11/29/72	12/07/72	SCHEDULED MAINTENANCE & MODIFICATIONS
				4	03/25/73	04/06/73	REPAIR TURBINE CONTROL VALVES
				5	07/17/73	07/30/73	REPLACE RECIRCULATION PUMP SEAL, REPLACE HYDRAUL. SHOCK
				6	09/01/73	09/05/73	REPLACE RECIRCULATION PUMP SEAL, REPLACE HYDRAUL. SHOCK
				7	11/07/73	11/12/73	REPAIR RECIRCULATION PUMP SEAL & INSPECT HYDRAUL. SHOCK
				8	12/28/73	07/23/74	AEC SHUTDOWN ORDER
				9	01/11/75	01/24/75	REPLACE "A" REACTOR RECIRCULATION PUMP SEAL
				10	01/30/75	02/11/75	INSPECT CORE SPRAY & MISC PIPING
				11	04/15/75	04/21/75	REPAIR MISC STEAM LEAKS IN CONDENSER AREA
				12	04/22/75	04/29/75	REPLACE TWO MAIN STEAM LINE RELIEF/SAFETY VALVES
				13	06/30/75	07/06/75	REPAIR LEAK ON A FEEDWATER REGULATING VALVE
				14	09/13/75	10/28/75	SCHEDULED OUTAGE & REACTOR SCRAM
				15	01/27/76	05/30/76	REFUELING

PCINT BEACH NUCLEAR PLANT UNIT 1

MWT	MWE-NET	CRIT-L	ELECTRIC	DCWN-#	CWN-DATE	UP-DATE	REASON
1518.0	497.0	11/70	11/70	1	11/12/70	11/21/70	STARTUP AND TEST
				2	04/03/71	04/16/71	MODIFY #4 FW HEATER & DRAIN TANK PIPING
				3	05/30/72	03/02/73	REFUELING & MAINTENANCE
				4	04/06/74	06/07/74	EXTENDED REFUELING OUTAGE TO INCLUDE TURBINE REPAIR
				5	01/15/75	02/01/75	STEAM GEN SLUDGE OUTAGE; PLMP SEAL REPLACEMENT
				6	02/27/75	04/05/75	"B" STEAM GENERATOR TUBE FAILURE
				7	11/16/75	01/07/76	TURBINE BEARING REPAIR & REFUELING
				8	10/01/76	11/24/76	REFUELING

PCINT BEACH NUCLEAR PLANT UNIT 2

MWT	MWE-NET	CRIT-L	ELECTRIC	DCWN-#	CWN-DATE	UP-DATE	REASON
1518.0	497.0	05/72	08/72	1	10/13/72	10/29/72	CORRECT MAIN COOLANT PUMP SEALS
				2	03/30/73	04/05/73	OVERHAUL OF LEAKING SAFETY VALVES
				3	04/08/73	04/13/73	MACHINING OF MAIN STEAM STOP VALVE FLAPPER STOP
				4	05/03/73	05/08/73	REPLACE A PHASE OF MAIN STEP UP TRANSFORMER
				5	10/16/74	12/21/74	REFUELING
				6	08/11/75	08/20/75	REPAIR LEAKING STEAM GENERATOR TUBE
				7	02/26/76	03/26/76	REFUELING

PRAIRIE ISLAND NUCLEAR GENERATING PLANT UNIT 1

PWT	MWE-NET	CRIT-L	ELECTRIC	CCWN-#	CWN-DATE	UP-DATE	REASON
1650.0	530.0	12/73	12/73	1	C1/01/74	02/06/74	TURBINE BLACING FAILURE
				2	C3/09/74	04/07/74	TURBINE BLACING FAILURE
				3	C4/27/74	07/06/74	TURBINE ELACING FAILURE
				4	C9/05/74	10/25/74	RELACE TURBINE
				5	C4/24/75	05/14/75	INSPECT STEAM GENERATOR TLBES
				6	C6/26/75	07/01/75	RFR LEAK IN RCP SEALING LINE & RFR RELIEF VALVE LINE
				7	C8/09/75	08/17/75	REFUELING SLRVEILLANCE & CCNTAINMENT PENETRATION TESTIN
				8	03/14/76	05/03/76	REFUELING
				9	C5/04/76	05/10/76	REPAIR INSTRUMENT THIMELE SEAL WELL
				10	C9/03/76	09/13/76	REPLACE REACTOR PRESSURE VESSEL LEAKING FLANGE SEALS

PRAIRIE ISLAND NUCLEAR GENERATING PLANT UNIT 2

MWT	MWE-NET	CRIT-L	ELECTRIC	DCWN-#	CWN-DATE	UP-DATE	REASON
1450.0	530.0	12/74	12/74	1	03/08/75	03/15/75	REPAIR HYDROGEN COOLER LEAK & MSIV SHAFT SEAL LEAKAGE
				2	06/01/75	06/11/75	INSPECT #5 & 6 TURBINE BEARINGS FOR REPAIR
				3	06/22/75	07/04/75	REPAIR FLUID LEAK IN EH CONTROL SYS & REP # 6 BEARING
				4	10/15/75	10/21/75	FAILURE OF # 22 REACTOR COOLANT PUMP SEALS
				5	12/16/75	01/15/76	TURBINE BLADING FAILURE; STEAM GEN MCD; EDDY CUR TEST
				6	10/21/76	12/21/76	REFUELING

GLAD-CITIES STATION UNIT 1

MWT	MWE-NET	CRIT-L	ELECTRIC	DOWN-#	DWN-DATE	LP-DATE	REASON
2511.0	789.0	10/71	04/72	1	10/25/71	04/12/72	STARTUP TESTS
				2	07/02/72	07/10/72	LCSS CF AUX POWER & MISC MAINTENANCE
				3	09/23/72	09/29/72	MODIFY DRYWELL-TC-TORUS VACUUM BREAKERS
				4	04/21/73	05/03/73	SCHEDULED MAINTENANCE
				5	09/22/73	09/30/73	SCHEDULED MAINTENANCE
				6	01/01/74	01/07/74	CONDENSER TUBE LEAKS
				7	03/31/74	07/21/74	REFUELING CLTAGE
				8	10/13/74	10/18/74	REPAIR FEEDWATER DRAIN TANK
				9	01/09/75	02/24/75	4" RECIRC BYPASS LINE INSPECTION & REPAIR
				10	01/03/76	03/13/76	REFUELING
				11	03/25/76	04/05/76	INSPECTION OF WELDS ON FEEDWATER REGULATING VALVES
				12	04/24/76	07/14/76	REPAIR OF GENERATOR FIELD GROUND
				13	07/30/76	08/06/76	REPAIR ELECTROMATIC REL VALVE & CRACKED NITROGEN PIPING
				14	11/01/76	11/05/76	REPAIR OF ELECTROMATIC RELIEF VALVES

QLAD-CITIES STATION UNIT 2

MWT	MWE-NET	CRIT-L	ELECTRIC	CCWN-#	CWN-DATE	UP-DATE	REASON
2511.0	789.0	04/72	05/72	1	07/16/72	07/24/72	REPAIR CABLE TRAY DAMAGE CAUSED BY FIRE
				2	08/21/72	10/15/72	REPAIR JET PUMP 17
				3	06/10/74	06/17/74	MINIMUM FEEDWATER FLCW LINE REPAIR
				4	06/18/74	06/24/74	REPAIR SEAL LEAK ON CHECK VALVE 2-1201-81
				5	08/31/74	09/07/74	REPLACED REDUCERS ON LOW FLCW VALVES
				6	09/13/74	09/25/74	4-INCH RECIRCULATION BYPASS LINE REPAIR
				7	01/01/75	04/30/75	REFUELING; 4" RECIRC BYPASS LINE REP; FW SPARGER REPL
				8	08/15/75	08/25/75	REPAIR FW MINIMUM FLCW LINE
				9	10/04/75	11/07/75	CORE MAINTENANCE CUTAGE; REPAIR 4" RECIRC BYPASS LINE
				10	09/10/76	11/04/76	REFUELING

RANCHO SECO NUCLEAR GENERATING STATION UNIT 1

MWT	MWE-NET	CRIT-L	ELECTRIC	DOWN-#	DOWN-DATE	UP-DATE	REASON
2568.0	913.0	09/74	10/74	1	03/22/75	04/14/75	TURBINE BEARING INSPECTION
				2	06/30/75	02/24/76	TURBINE REPAIR
				3	04/04/76	10/09/76	REMOVE VES SPEC HOLDER & REPAIR TURBINE GENERATOR
				4	11/05/76	11/12/76	REPLACE FEEDWATER HEATER & OTHER REACTOR MAINTENANCE

F. B. ROBINSON SE PLANT UNIT 2

MWT	MWE-NET	CRIT-L	ELECTRIC	DCWN-#	DWN-DATE	UP-DATE	REASON
2200.0	712.0	09/70	09/70	1	09/20/70	12/31/70	STARTUP & TESTING
				2	03/14/71	05/08/71	TURBINE GENERATOR BEARING FAILURE
				3	05/28/71	08/20/71	TURBINE VIBRATION & STEAM GENERATOR REPAIRS
				4	05/07/72	06/10/72	REPAIRS TO STEAM GENERATOR "A"
				5	03/16/73	05/14/73	FIRST REFUELING CUTAGE
				6	11/22/73	12/03/73	STEAM GENERATOR TLBE FAILURE
				7	05/06/74	06/24/74	REFUELING, INSPECTION & REPAIR OF STEAM GENERATOR
				8	04/12/75	04/30/75	STEAM GENERATOR INSPECTION
				9	05/02/75	05/26/75	REAC COOLANT PUMP SEAL FAILURE REPAIR
				10	06/02/75	06/06/75	REAC COOLANT PUMP SEAL FAILURE REPAIR
				11	11/01/75	12/10/75	REFUELING, STEAM GENERATOR INSPECTION
				12	10/30/76	12/10/76	REFUELING

SALEM NUCLEAR GENERATING STATION UNIT 1

MWT	MWE-NET	CRIT-L	ELECTRIC	DCWN-#	CAN-DATE	UP-DATE	REASON
3350.0	1090.0	12/76	/	1	12/11/76	/ /	REACTOR TESTING & INSPECTION

SAN ONOFRE NUCLEAR GENERATING STATION UNIT 1

MWT	MWE-NET	CRIT-L	ELECTRIC	CCWN-#	CWN-DATE	UP-DATE	REASON
1347.0	430.0	06/67	07/67	1	06/26/67	07/07/67	LOW POWER PHYSICS TESTING EVALUATION
				2	07/17/67	09/02/67	REPLACE LAST STAGE TURBINE BLADING
				3	09/11/67	09/23/67	CLEAN RECIRCULATING WATER SYSTEM
				4	10/01/67	10/16/67	REPAIR BYPASS VALVE; FIND & REPAIR CAUSE OF REACTOR TRIP
				5	11/10/67	12/03/67	SCHEDULED MAINTENANCE
				6	02/07/68	02/19/68	CABLE FAILURE RESULTING IN FIRE
				7	03/12/68	09/12/68	CABLE FAILURE FIRE; REWIRING AND MODIFICATIONS
				8	09/18/68	09/26/68	REPAIR PACKING OF LETDOWN ISOLATION VALVE
				9	12/28/68	01/07/69	REPAIR PRESSURIZER SAFETY VALVE; REPLACE ONE LVDT
				10	03/22/69	04/04/69	REPLACE PRESSURIZER SAFETY VALVE; INSTALL 6 NEW LVDT
				11	06/20/69	08/09/69	MODIFY STEAM GENERATOR; INSPECT & REPAIR T/G
				12	10/09/69	10/16/69	REPLACE DAMAGED INTAKE TSUNAMI GATE
				13	02/11/70	02/15/70	MODIFY REHEATER DRAIN SYSTEM, TURBINE TESTING
				14	05/22/70	05/28/70	REPAIR REHEATER TUBE LEAKAGE
				15	10/02/70	11/19/70	FIRST REFUELING; INSPECTION & PARTIAL TURBINE OVERHAUL
				16	05/01/71	05/09/71	REPAIR PRESSURIZER FLANGE; REPLACE 5 COOLANT PUMP RCTS
				17	12/25/71	02/24/72	SECOND REFUELING
				18	05/18/72	05/25/72	REPAIR TURBINE CONTROL VALVES
				19	07/19/72	07/28/72	REPAIR STEAM GENERATOR TUBE
				20	10/13/72	10/20/72	REPAIR STEAM GENERATOR TUBE
				21	06/02/73	07/27/73	THIRD REFUELING
				22	10/21/73	01/22/74	LOW PRESSURE TURBINE BLADING FAILURE
				23	04/27/74	05/20/74	REHEATERS REPAIR-REPAIRED FAILED GEN HYDROGEN BLOWER
				24	03/14/75	04/23/75	REFUELING CUTAGE
				25	06/11/75	06/16/75	REPAIR LEAKING PRESSURIZER SAFETY VALVES
				26	04/09/76	04/15/76	MAINTENANCE CUTAGE
				27	05/30/76	/ /	REFUELING; MODIFICATION CUTAGE

ST. LUCIE UNIT 1

MWT	MWE-NET	CRIT-L	ELECTRIC	DCWN-#	CWN-DATE	LP-DATE	REASCN
2570.0	810.0	04/76	05/76	1	06/12/76	06/20/76	REACTOR TESTING
				2	07/10/76	12/10/76	REACTOR TESTING & INSPECTION

SLRRY PCWER STATION UNIT 1

MWT	MWE-NET	CRIT-L	ELECTRIC	DCWN-#	CWN-DATE	LP-DATE	REASON
2441.0	822.0	07/72	07/72	1	01/10/73	01/29/73	LOSS OF AUTO-STOP OIL
				2	03/05/73	03/15/73	EXCESSIVE LEAKAGE FROM REACTOR COOLANT BYPASS VALVES
				3	04/03/73	04/11/73	REPAIR LEAKS ON SECONDARY SIDE
				4	05/22/73	06/12/73	REACTOR COOLANT BYPASS VALVES REPACKED
				5	05/15/73	10/24/73	REPAIR TO MAIN STEAM TRIP VALVES
				6	11/30/73	03/15/74	REPLACE REACTOR COOLANT SHAFTS
				7	07/03/74	07/11/74	GENERATOR EXCITER FAILURE
				8	10/24/74	12/31/74	REFUELING; REPLACE STEAM GENERATOR SEISMIC RESTRAINTS
				9	02/07/75	03/14/75	REPAIR OF TURBINE BEARING
				10	07/24/75	08/01/75	FAILURE OF BOTH CONTAINMENT AIR COMPRESSORS
				11	05/26/75	12/08/75	REPAIRS TO PROTECTION RTC & REFUELING
				12	12/10/75	12/16/75	STEAM GENERATOR LEAK-PLUGGED TUBES
				13	03/12/76	03/18/76	PLUGGED LEAKING STEAM GENERATOR TUBES
				14	07/15/76	07/22/76	REPAIRED LEAKS IN A E & C STEAM GENERATORS
				15	08/13/76	08/19/76	PLUGGED LEAKING TUBES IN E & C STEAM GENERATORS
				16	05/24/76	09/30/76	PLUGGED LEAKING TUBE IN C STEAM GENERATOR
				17	10/17/76	/ /	REFUELING

SARRY POWER STATION UNIT 2

MWE	MWE-NET	CRIT-L	ELECTRIC	CCWN-#	CWN-DATE	UP-DATE	REASON
2441.0	822.0	03/73	03/73	1	C5/07/73	05/25/73	MADE MODIFICATIONS TO STEAM GENERATORS
				2	10/25/73	11/13/73	MADE MODIFICATIONS TO MAIN STEAM TRIP VALVES
				3	C4/13/74	06/07/74	BLACKOUT TEST FOLLOWED BY REACTOR COOLANT PUMP
				4	C6/25/74	07/08/74	REPAIRS TO MAIN STEAM NON-RETURN VALVES
				5	C5/66/74	12/31/74	TURBINE DAMAGE DUE TO CRACKEN BLADES IN LP STAGE
				6	C4/26/75	06/17/75	REFUELING
				7	C7/06/75	07/11/75	FAILURE IN ATR SYSTEM
				8	C1/17/76	01/25/76	PLUGGED LEAKS IN PRIMARY TO SECONDARY STEAM GENERATOR
				9	C2/03/76	02/11/76	REPAIRED LEAK IN C STEAM GENERATOR
				10	03/04/76	03/10/76	PLUGGED LEAKS IN PRIMARY TO SECONDARY STEAM GENERATOR
				11	C4/22/76	06/10/76	REFUELING
				12	C5/15/76	12/18/76	PLUGGED STEAM GENERATOR TUBES; REPAIRED CFCM

THREE MILE ISLAND NUCLEAR STATION UNIT 1

MWT	MWE-NET	CRIT-L	ELECTRIC	DCWN-#	DWN-DATE	UP-DATE	REASON
2535.0	819.0	06/74	06/74	1	08/13/74	08/23/74	REMOVE MESH SCREENS FROM TURBINE & FEED PUMP STEAM LINE
				2	10/20/74	10/30/74	LEAKING RELIEF VALVES FROM REAC. COOLANT PRESSURIZER
				3	04/05/75	04/13/75	CONTROL ROD DROPPED INTO CORE
				4	05/25/75	06/10/75	REPAIRS & CONTROL ROD INTERCHANGE
				5	10/01/75	10/07/75	REPAIR REACTOR COOLANT PUMP
				6	11/12/75	11/24/75	REPAIR CONTROL ROD DRIVE
				7	02/20/76	05/26/76	REFUELING & MAINTENANCE
				8	11/05/76	12/04/76	MAINTENANCE OUTAGE

TFCJAN NUCLEAR PLANT UNIT 1

PWT	MWE-NET	CRIT-L	ELECTRIC	DOWN-#	DOWN-DATE	UP-DATE	REASON
3423.0	1130.0	12/75	/	1	10/19/76	11/13/76	REPAIR GROUND IN MAIN GENERATOR

TURKEY POINT STATION UNIT 3

MWT	MWE-NET	CRIT-L	ELECTRIC	DOWN-#	DWN-DATE	LP-DATE	REASON
2200.0	693.0	10/72	11/72	1	11/13/72	11/17/72	OPERATOR TRAINING
				2	11/20/72	12/04/72	REPAIR GENERATOR EXCITER
				3	12/05/72	12/22/72	MODIFY STEAM DUMP SYSTEM
				4	01/15/73	01/23/73	STEAM GEN A FEEDPUMP & OTHER SECONDARY MAINTENANCE
				5	03/06/73	03/13/73	OPERATOR TRAINING-BATTERY RCCM REPAIR
				6	04/05/73	04/16/73	MOISTURE SEPARATOR REFEATER REPAIR
				7	07/28/73	08/08/73	INSPECTION OF PIPE LINE SUPPORT SNUBBERS
				8	10/21/73	10/28/73	INSPECTION OF PIPE LINE SUPPORT SNUBBERS
				9	12/08/73	12/20/73	INSPECTION OF STEAM LINE MODIFICATION
				10	03/18/74	03/31/74	INSPECTION OF SEISMIC RESTRAINTS, TURBINE CONTR VALVE
				11	06/07/74	06/13/74	INSPECTION OF SEISMIC RESTRAINTS, & MISC MAINTENANCE
				12	09/14/74	09/23/74	REPAIR NO. 3A STEAM GENERATOR TUBE LEAK
				13	10/05/74	12/15/74	REFUELING, MAINTENANCE & INSPECTION
				14	02/03/75	03/05/75	REPAIR TURBINE CONTROL VALVES
				15	03/29/75	05/01/75	REFUELING, MAINTENANCE & INSPECTION
				16	10/25/75	12/24/75	REFUELING, MAINTENANCE & INSPECTION
				17	02/21/76	02/27/76	PLUGGED LEAKING STEAM GENERATOR TUBES
				18	03/07/76	03/12/76	PLUGGED LEAKING STEAM GENERATOR TUBES
				19	06/20/76	06/26/76	PLUGGED LEAKING STEAM GENERATOR TUBES
				20	08/25/76	08/31/76	PLUGGED LEAKING STEAM GENERATOR TUBES
				21	11/14/76	/ /	REFUELING, MAINTENANCE & INSPECTION

TURKEY POINT STATION UNIT 4

MWT	MWE-NET	CRIT-L	ELECTRIC	DOWN-#	DWN-DATE	UP-DATE	REASON
2200.0	693.0	06/73	06/73	1	07/29/73	08/04/73	INSPECTION OF PIPE LINE SUPPORT SNUBBER
				2	11/04/73	11/16/73	INSPECTION OF PIPE LINE SUPPORT SNUBBER
				3	01/02/74	02/02/74	MAIN STEAM LINE MODIFICATION & SCHEDULED MAINTENANCE
				4	05/25/74	05/31/74	INSPECTION OF SEISMIC RESTRAINTS & MISC. MAINTENANCE
				5	08/17/74	09/10/74	REPAIR NO 4A STEAM GENERATOR TUBE LEAK
				6	10/26/74	11/02/74	REPAIR LEAK IN NO 4A STEAM GENERATOR SAMPLE LINE
				7	02/29/75	06/21/75	REFUELING, MAINTENANCE & INSPECTION
				8	08/03/75	08/05/75	REPAIR STEAM GENERATOR
				9	05/21/75	10/01/75	REPAIR STEAM GENERATOR SCHEDULED MAINTENANCE
				10	01/10/76	01/17/76	TESTING OF TURBINE STOP VALVE
				11	04/18/76	06/10/76	REFUELING, MAINTENANCE & INSPECTION
				12	09/10/76	09/16/76	PLUGGED LEAKING STEAM GENERATOR TUBES
				13	09/23/76	09/28/76	PLUGGED LEAKING STEAM GENERATOR TUBES
				14	10/28/76	12/02/76	PERFORM STEAM GENERATOR TUBE INSPECTION

VERMONT YANKEE GENERATING STATION

MWT	MWE-NET	CRIT-L	ELECTRIC	CCWN-#	CWN-DATE	UP-DATE	REASON
1593.0	514.0	C3/72	09/72	1	09/29/72	10/06/72	DIESEL MAINTENANCE DUE TO HIGH CRANKCASE PRESSURE
				2	11/08/72	11/23/72	FIRE IN AUXILIARY TRANSFORMER
				3	12/27/72	01/10/73	REPAIR STARTUP TRANSFORMER DAMAGED BY FIRE
				4	01/17/73	03/01/73	FUEL RECONSTITUTION
				5	08/04/73	08/12/73	SHUTDOWN MARGIN TESTING & OPERATOR TRAINING
				6	03/29/74	04/04/74	FULL LOAD REJECT TEST FOR PLANT MAINTENANCE
				7	05/25/74	06/05/74	REPAIR REACTOR CONTROL ROD DRIVE RETURN LINE FAILURE
				8	10/12/74	12/13/74	REFUELING & TURBINE-GENERATOR OVERHAUL
				9	06/05/75	06/15/75	REACTOR CORE PLUGGING
				10	08/07/75	08/29/75	REPAIR STARTUP TRANSFORMER
				11	01/27/76	02/12/76	RESOLUTION OF TCRCS POTENTIAL MOVEMENT PROBLEM
				12	06/19/76	08/07/76	REFUELING
				13	09/08/76	09/15/76	TURBINE BEARING EXCESS VIBRATION

YANKEE NUCLEAR POWER STATION

PWT	MWE-NET	CRIT-L	ELECTRIC	DOWN-#	OWN-DATE	LP-DATE	REASON
0600.0	175.0	08/60	11/60	1	12/03/60	12/13/60	TURBINE SHAFT VIBRATION
				2	01/02/61	01/16/61	MODIFY TURBINE THROTTLE VALVES
				3	05/04/61	05/09/61	TURBINE CONTROL VALVE REPAIRS
				4	07/10/61	07/23/61	LICENSE REQUIRED PHYSICS TEST
				5	05/18/62	09/21/62	REACTOR REFUELING
				6	09/02/63	11/13/63	REACTOR REFUELING
				7	08/02/64	09/06/64	REACTOR REFUELING
				8	08/09/65	11/10/65	REACTOR REFUELING
				9	10/04/66	11/07/66	REACTOR REFUELING
				10	03/08/67	03/20/67	PLUGGED LEAKING TUBES IN #3 & #4 STEAM GENERATORS
				11	07/09/67	07/27/67	PLUGGED LEAKING TUBES IN #1 & #2 STEAM GENERATORS
				12	03/23/68	05/01/68	CCRE VI REFUELING VII
				13	11/08/68	11/15/68	REPAIR #4 MAIN COOLANT PUMP THERMAL BARRIER LEAK
				14	08/02/69	09/25/69	CCRE VII REFUELING VIII
				15	03/21/70	03/29/70	STEAM GENERATOR TUBE REPAIR
				16	06/21/70	09/01/70	STEAM GENERATOR TUBE REPAIR
				17	10/24/70	11/30/70	REFUELING
				18	10/29/71	11/05/71	STEAM GENERATOR TUBE REPAIR
				19	02/12/72	05/17/72	REFUELING, TG REPAIRS AND MAINTENANCE
				20	10/21/72	05/00/73	REPLACE REACTOR CORE CONTROL BLADES
				21	10/21/72	04/09/73	REPLACEMENT OF CONTROL ROD BLADES & LOWER CORE SHROUD
				22	05/10/74	08/25/74	REFUELING TURBINE-GENERATOR OVERHAUL & REPLACEMENT
				23	10/18/75	12/18/75	REFUELING MAINTENANCE OUTAGE
				24	01/13/76	02/01/76	REPLACEMENT OF COOLANT PUMP
				25	05/06/76	05/19/76	INSTALL REPAIRED GENERATOR EXCITER & MAINTENANCE

ZION STATION UNIT 1

MWT	MWE-NET	CRIT-L	ELECTRIC	DOWN-#	DOWN-DATE	UP-DATE	REASON
3250.0	1040.0	06/73	06/73	1	07/01/73	07/15/73	MAIN STEAM CHECK VALVE & STOP VALVE REPAIR
				2	07/20/73	07/30/73	REACTOR COOLANT SYS LEAKAGE & VALVE REPC
				3	08/02/73	08/11/73	INSPECTED GENERATOR & REPAIRED STATOR COOLING WATER
				4	08/30/73	09/09/73	REACTOR COOLANT SYSTEM LEAKAGE
				5	09/21/73	10/01/73	MAIN STEAM CHECK VALVE PERIODIC INSPECTION
				6	10/21/73	10/30/73	MAIN STEAM CHECK VALVE PERIODIC INSPECTION
				7	11/26/73	12/05/73	EXCESSIVE LEAKAGE FROM PRIMARY SYSTEM
				8	12/10/73	04/13/74	MCC TC STATOR COOLING WATER SYSTEM & GENERATOR REPAIR
				9	05/25/74	06/03/74	MAIN STEAM CHECK VALVE REPLACEMENT
				10	08/26/74	09/07/74	REPAIR BELLGWS OF PRESSURIZER SPRAY VALVES
				11	11/06/74	11/12/74	CONDENSER TUBE LEAKS
				12	02/25/75	03/20/75	STEAM GENERATOR SLUDGE LANCE; CCNV TC AVT CHEMISTRY
				13	05/23/75	07/11/75	SCHEDULED MAINT; REPL RCP SEALS; REPLACE RCP MOTOR
				14	09/19/75	09/25/75	REACTOR COOLANT ISOLATION VALVE INSP; REPAIR STEAM LEAK
				15	03/05/76	05/26/76	REFUELING
				16	05/31/76	06/18/76	SEAL REPAIRS ON REACTOR COOLANT PUMP
				17	09/25/76	09/29/76	REPLACE FEEDWATER LINE HANGERS

ZION STATION UNIT 2

MWT	MWE-NET	CRIT-L	ELECTRIC	DOWN-#	DOWN-DATE	UP-DATE	REASON
3250.0	1040.0	12/73	/	1	12/25/73	/ /	FEEDWATER ISOLATION VALVE REPAIRS
					/ /	01/05/74	SCHEDULED MAINTENANCE OUTAGE
				2	01/16/74	02/12/74	REPAIR SEAL WELD ON CONTROL RCC PRESSURE BOUNDARY
				3	03/02/74	03/13/74	SCH. INSPECTION OF MAIN STEAM CHECK VALVES
				4	04/05/74	04/15/74	INVESTIGATE & REPAIR EXCESSIVE LEAKAGE
				5	04/17/74	08/20/74	GENERATOR REPAIR
				6	01/27/74	02/17/74	SCHEDULED MAINTENANCE OUTAGE
				7	10/22/74	10/30/74	INSPECTION OF SAFETY SYS FAILURE
				8	11/28/74	12/14/74	CONVERSION TO AVT SECONDARY WATER TREATMENT
				9	01/01/75	01/10/75	REPAIR PRESSURIZER SPRAY LINE LEAK
				10	02/05/75	02/23/75	CONDENSER TUBE LEAKS
				11	04/08/75	04/16/75	CONDENSER TUBE LEAKS
				12	06/05/75	06/30/75	REPAIR RCP; CONDENSER MODIFICATION
				13	05/01/75	09/23/75	REPAIR REACTOR COOLANT ISOLATION VALVE
				14	01/05/76	02/14/76	EDDY CURRENT OUTAGE
				15	04/01/76	04/11/76	REPLACED UNIT 1 BEARINGS
				16	04/12/76	05/05/76	REPLACED TURBINE BEARINGS
				17	06/01/76	06/10/76	REPAIR REACTOR COOLANT PUMP SEALS
				18	05/15/76	10/26/76	REPAIR 2A DIESEL GENERATOR

N REACTOR/WPPSS

MWT	MWE-NET	CRIT-L	ELECTRIC	DCWN-#	DWN-DATE	UP-DATE	REASON
4000.0	850.0	12/63	04/66	1	05/01/66	06/05/66	TIE-IN 6TH HEAT EXCHANGER & MAINTENANCE
				2	07/08/66	08/24/66	SIDE EFFECTS OF RICHLAND TRADES COUNCIL STRIKE
				3	01/02/67	01/09/67	OPERATIONAL NEED
				4	02/06/67	02/12/67	OPERATIONAL NEED
				5	03/12/67	03/21/67	OPERATIONAL NEED
				6	04/18/67	04/25/67	OPERATIONAL NEED
				7	05/15/67	05/26/67	OPERATIONAL NEED
				8	06/02/67	06/07/67	OPERATIONAL NEED
				9	06/21/67	06/30/67	OPERATIONAL NEED
				10	07/01/67	07/10/67	OPERATIONAL NEED
				11	08/26/67	08/31/67	OPERATIONAL NEED
				12	09/01/67	12/29/67	TRADE COUNCIL STRIKE ACTION
				13	07/20/69	09/05/69	TIE-IN FACILITY MODIFICATIONS & MAINTENANCE
				14	05/24/70	09/14/70	SYSTEM MAINTENANCE AND TESTING
				15	01/28/71	07/12/71	AEC DECISION NOT TO OPERATE REACTOR
				16	03/04/72	07/30/72	POWER NOT REQUIRED & SCHEDULED MAINTENANCE
				17	05/12/73	08/09/73	SCHEDULED SUMMER MAINTENANCE
				18	05/23/74	07/31/74	SUMMER MAINTENANCE
				19	05/09/75	08/01/75	SUMMER MAINTENANCE
				20	04/29/76	10/05/76	LABOR DISPUTE; MAINTENANCE & REFUELING