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U.S. Central Station Nuclear Electric Generating Units: Significant Milestones

(Status as of January 1, 1981)

March 1981

U.S. Department of Energy
Assistant Secretary for Nuclear Energy
Office of Nuclear Reactor Programs

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Significant Milestones

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U.S. Department of Energy
Assistant Secretary for Nuclear Energy
Office of Nuclear Reactor Programs
Washington, D.C. 20545

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NUCLEAR POWER REACTORS IN THE UNITED STATES

(over)

Because of space limitations, symbols do not reflect precise locations.

STATUS OF U.S. CENTRAL STATION NUCLEAR ELECTRIC GENERATING UNITS
SIGNIFICANT MILESTONES

PLANT (STATE/REGION)	OWNER(S)	CAP * NET (MWE)	TYPE	NSSS/ AE CONTR	PUBLIC ANN'C'D	NSSS ORDER	CP/ ** OL APPLIED	CP/ OL ISSUED	INITIAL CRIT.	FIRST ELEC.	INITIAL DESIGN POWER	*** COM- MERCIAL OPER.
1 SHIPPINGPORT ATOMIC POWER STATION (PA/REGION-2 MA)	DUQUESNE LIGHT CO & DOE	60.0	PWR	WEST S&W	10/53	07/53	N/A N/A	N/A N/A	12/57	12/57	12/57	N/A
2 INDIAN POINT STATION UNIT 1 (NY/REGION-1 NE)	CONSOLIDATED EDISON CO	265.0	FWR	B&W O/VIT	02/55	02/55	03/55 01/60	05/56 03/62	08/62	09/62	01/63	10/62 ¹
3 DRESDEN NUCLEAR POWER STATION UNIT 1 (IL/REGION-4 ENC)	COMMONWEALTH EDISON CO	200.0	BWR	GE BECH	04/55	07/55	03/55 06/58	05/56 09/59	10/59	04/60	06/60	07/60
4 YANKEE NUCLEAR POWER STATION (MA/REGION-1 NE)	YANKEE ATOMIC ELECTRIC CO	175.0	FWR	WEST S&W	04/55	06/56	07/56 09/59	11/57 07/60	08/60	11/60	01/61	07/61
5 ENRICO FERMI ATOMIC POWER PLANT UNIT 1 (MI/REGION-4 ENC)	POWER REACTOR DEVELOPMENT CO	60.9	FER	PRDC CA	04/55	03/57	01/56 07/61	08/56 05/63	08/63	08/66	10/70	^a
6 PATHFINDER ATOMIC POWER PLANT (SD/REGION-5 WNC)	NORTHERN STATES POWER CO	58.5	BWR	AC PSE	02/57	05/57	03/59 06/62	05/60 03/64	03/64	07/66	09/67	^b
7 HALLAM NUCLEAR POWER FACILITY (NB/REGION-5 WNC)	CONSUMER PUBLIC POWER DISTRICT & DOE	75.0	SGR	AI BECH	04/55	09/57	02/59 04/61	07/60 08/62	08/62	05/63	07/63	11/63 ^c
8 HUMBOLDT BAY POWER PLANT (CA/REGION-9 PAC)	PACIFIC GAS & ELECTRIC CO	65.0	BWR	GE BECH	02/58	02/58	04/59 09/61	11/60 08/62	02/63	04/63	05/63	08/63 ^d
9 ELK RIVER NUCLEAR PLANT (MN/REGION-5 WNC)	RURAL COOP POWER ASSOC & DOE	22.0	BWR	AC S&L	02/56	06/58	03/59 07/60	12/59 11/62	11/62	08/63	02/64	07/64 ^d
10 PEACH BOTTOM ATOMIC POWER STATION UNIT 1 (PA/REGION-2 MA)	PHILADELPHIA ELECTRIC CO	40.0	HTGR	GAC BECH	11/58	11/58	07/60 02/64	02/62 01/66	03/66	01/67	05/67	06/67 ^e
11 CAROLINAS-VIRGINIA TUBE REACTOR (SC/REGION-3 SA)	CAROLINAS-VIRGINIA NUCLEAR POWER ASSOC.	17.0	HWR	WEST S&W	08/57	01/59	07/59 01/62	05/60 11/62	03/63	12/63	09/65	03/64 ^f
12 PIQUA NUCLEAR POWER FACILITY (OH/REGION-4 ENC)	CITY OF PIQUA & DCE	11.4	ENR	AI HEN	02/56	06/59	09/58 02/61	01/60 08/62	06/63	11/63	01/64	02/64 ^g

STATUS OF U.S. CENTRAL STATION NUCLEAR ELECTRIC GENERATING UNITS
SIGNIFICANT MILESTONES

PLANT (STATE/REGION)	OWNER(S)	CAP NET (MWE)	TYPE	NSSS/ AE CONTR	PUBLIC ANN'D	NSSS ORDER	CP/ OL APPLIED	CP/ OL ISSUED	INITIAL CRIT.	FIRST ELEC.	INITIAL DESIGN POWER	COM- MERCIAL OPER.
13 BIG ROCK POINT NUCLEAR PLANT (MI/REGION-4 ENC)	CONSUMERS POWER CO	72.0	BWR	GE BECH	12/59	12/59	01/60 12/61	05/60 08/62	09/62	12/62	03/63	03/63
14 BOILING NUCLEAR SUPERHEAT POWER STATION (PR/REGION-3 SA)	PUERTO RICO WATER RES AUTH & DOE	16.5	BWR	J&M	06/58	01/60	12/59 02/62	07/60 04/64	04/64	08/64	09/65	h
15 LACROSSE (GENOA) NUCLEAR GENERATING STATION (WI/REGION-4 ENC)	DAIRYLAND POWER COOPERATIVE	50.0	BWR	AC SEL	04/61	06/62	10/62 08/65	03/63 07/67	07/67	04/68	08/69	09/69
16 HADDAM NECK (CONNECTICUT YANKEE) (CT/REGION-1 NE)	CONNECTICUT YANKEE ATOMIC POWER CO	580.0	PWR	WEST SEL	12/62	12/62	09/63 07/66	05/64 06/67	07/67	08/67	12/67	01/68
17 SAN ONOFRE NUCLEAR GENERATING STATION UNIT 1 (CA/REGION-9 PAC)	SO CALIFORNIA EDISON CO; SAN DIEGO GAS & ELECTRIC CO	436.0	PWR	WEST BECH	04/60	01/63	02/63 11/65	03/64 03/67	06/67	07/67	09/67	01/68
18 N REACTOR/WPPSS (WA/REGION-9 PAC)	WA PUBLIC POWER SUPPLY SYSTEM & DOE	850.0	GR	UNI B&R	04/62	04/63	N/A N/A	N/A N/A	12/63	04/66	07/66	11/66
19 NINE MILE POINT NUCLEAR STATION UNIT 1 (NY/REGION-1 NE)	NIAGARA MOHAWK POWER CORP	620.0	BWR	GE O	07/63	10/63	03/64 06/67	04/65 08/69	09/69	11/69	01/70	12/69
20 OYSTER CREEK NUCLEAR POWER PLANT (NJ/REGION-2 MA)	JERSEY CENTRAL POWER & LIGHT CO	650.0	BWR	GE B&R	05/63	12/63	03/64 11/67	12/64 04/69	05/69	09/69	12/69	12/69
21 DRESCEN NUCLEAR POWER STATION UNIT 2 (IL/REGION-4 ENC)	COMMONWEALTH EDISON CO	794.0	BWR	GE SEL	02/65	02/65	04/65 11/67	01/66 12/69	01/70	04/70	10/70	08/70
22 FT ST VRAIN NUCLEAR GENERATING STATION (CO/REGION-8 RM)	PUBLIC SERVICE CO OF COLORADO	330.0	HTGR	GAC SEL	03/65	03/65	10/66 11/69	09/68 12/73	01/74	12/76	00/78	07/79
23 R. E. GINNA NUCLEAR POWER PLANT UNIT 1 (NY/REGION-1 NE)	ROCHESTER GAS & ELECTRIC CORP	470.0	PWR	WEST GIL	08/65	08/65	11/65 01/68	04/66 09/69	11/69	12/69	03/70	07/70

STATUS OF U.S. CENTRAL STATION NUCLEAR ELECTRIC GENERATING UNITS
SIGNIFICANT MILESTONES

PLANT (STATE/REGION)	OWNER(S)	CAP NET (MWE)	TYPE	NSSS/ AE CONTR	PUBLIC ANN'D	NSSS ORDER	CP/ OL APPLIED	CP/ OL ISSUED	INITIAL CRIT.	FIRST ELEC.	INITIAL DESIGN POWER	COM- MERCIAL OPER.
24 PILGRIM STATION UNIT 1 (MA/REGION-1 NE)	BOSTON EDISON CO	655.0	BWR	GE BECH	08/65	08/65	06/67 01/70	08/68 06/72	06/72	07/72	10/72	12/72
25 MILLSTONE NUCLEAR POWER STATION UNIT 1 (CT/REGION-1 NE)	CONNECTICUT LIGHT & POWER CO; HARTFORD ELECTRIC LIGHT CO; WESTERN MASSACHUSETTS ELECTRIC CO	660.0	BWR	GE EBAS	04/65	09/65	11/65 03/68	05/66 10/70	10/70	11/70	12/70	03/71
26 INDIAN POINT STATION UNIT 2 (NY/REGION-1 NE)	CONSOLIDATED EDISON CO	873.0	PWR	WEST UEC	11/65	11/65	12/65 10/68	10/66 10/71	05/73	06/73	04/74	08/73
27 TURKEY POINT STATION UNIT 3 (FL/REGION-3 SA)	FLORIDA POWER & LIGHT CO	693.0	PWR	WEST BECH	11/65	11/65	03/66 05/69	04/67 07/72	10/72	11/72	04/74	12/72
28 DRESDEN NUCLEAR POWER STATION UNIT 3 (IL/REGION-4 ENC)	COMMONWEALTH EDISON CO	794.0	BWR	GE S&L	01/66	01/66	02/66 11/67	10/66 01/71	01/71	07/71	10/71	11/71
29 PALISADES (MI/REGION-4 ENC)	CONSUMERS POWER CO	805.0	PWR	COMB BECH	01/66	01/66	06/66 11/68	03/67 03/71	05/71	12/71		12/71
30 H B ROBINSON SE PLANT UNIT 2 (SC/REGION-3 SA)	CAROLINA POWER & LIGHT CO	700.0	PWR	WEST EBAS	01/66	01/66	07/66 11/68	04/67 07/70	09/70	09/70	02/71	03/71
31 POINT BEACH NUCLEAR PLANT UNIT 1 (WI/REGION-4 ENC)	WISCONSIN ELECTRIC POWER CO; WISCONSIN-MICHIGAN POWER CO	497.0	PWR	WEST BECH	02/66	02/66	08/66 03/69	07/67 10/70	11/70	11/70	04/71	12/70
32 MONTICELLO NUCLEAR GENERATING PLANT (MN/REGION-5 WNC)	NORTHERN STATES POWER CO	545.0	BWR	GE BECH	04/66	04/66	08/66 11/68	06/67 09/70	12/70	03/71	06/71	06/71
33 QUAD-CITIES STATION UNIT 1 (IL/REGION-4 ENC)	COMMONWEALTH EDISON CO; ICWA-ILLINOIS GAS & ELECTRIC CO	789.0	BWR	GE S&L	04/66	04/66	05/66 09/68	02/67 10/71	10/71	04/72	12/72	08/72
34 BROWNS FERRY NUCLEAR POWER PLANT UNIT 1 (AL/REGION-6 ESC)	TENNESSEE VALLEY AUTHORITY	1065.0	BWR	GE TVA	06/66	06/66	07/66 09/70	05/67 06/73	08/73	10/73	05/74	08/74

STATUS OF U.S. CENTRAL STATION NUCLEAR ELECTRIC GENERATING UNITS
SIGNIFICANT MILESTONES

PLANT (STATE/REGION)	OWNER(S)	CAP NET (MWE)	TYPE	NSSS/ AE CONTR	PUBLIC NSSS ANN'D ORDER	CP/ DL APPLIED	CP/ OL ISSUED	INITIAL CRIT.	FIRST ELEC.	INITIAL DESIGN POWER	COM- MERCIAL OPER.
35 BROWNS FERRY NUCLEAR POWER PLANT UNIT 2 (AL/REGION-6 ESC)	TENNESSEE VALLEY AUTHORITY	1065.0	BWR	GE TVA	06/66 06/66	07/66 09/70	05/67 06/74	07/74	08/74	4Q/74	03/75
36 OCONEE NUCLEAR STATION UNIT 1 (SC/REGION-3 SA)	DUKE POWER CO	887.0	PWR	B&W O/BEC	07/66 07/66	11/66 06/69	11/67 02/73	04/73	05/73	11/73	07/73
37 OCONEE NUCLEAR STATION UNIT 2 (SC/REGION-3 SA)	DUKE POWER CO	887.0	PWR	B&W O/BEC	07/66 07/66	11/66 06/69	11/67 10/73	11/73	12/73	06/74	09/74
38 QUAD-CITIES STATION UNIT 2 (IL/REGION-4 ENC)	COMMONWEALTH EDISON CO; ICWA-ILLINOIS GAS & ELECTRIC CO	789.0	BWR	GE S&L	07/66 07/66	08/66 09/68	02/67 03/72	04/72	05/72	12/72	10/72
39 PEACH BOTTOM ATOMIC POWER STATION UNIT 2 (PA/REGION-2 MA)	PHILADELPHIA ELECTRIC CO; PUBLIC SERVICE ELECTRIC & GAS CO; DELMARVA POWER & LIGHT CO; ATLANTIC CITY ELECTRIC CO	1065.0	BWR	GE BECH	05/66 08/66	02/67 08/70	01/68 08/73	09/73	02/74	05/74	07/74
40 PEACH BOTTOM ATOMIC POWER STATION UNIT 3 (PA/REGION-2 MA)	PHILADELPHIA ELECTRIC CO; PUBLIC SERVICE ELECTRIC & GAS CO; DELMARVA POWER & LIGHT CO; ATLANTIC CITY ELECTRIC CO	1065.0	BWR	GE BECH	05/66 08/66	02/67 08/70	01/68 07/74	08/74	09/74	12/74	12/74
41 SALEM NUCLEAR GENERATING STATION UNIT 1 (NJ/REGION-2 MA)	PUBLIC SERVICE ELECTRIC & GAS CO; PHILADELPHIA ELECTRIC CO; DELMARVA POWER & LIGHT CO; ATLANTIC CITY ELECTRIC CO	1090.0	PWR	WEST PS&G	05/66 08/66	12/66 08/71	09/68 08/76	12/76	12/76	05/77	06/77
42 VERMONT YANKEE GENERATING STATION (VT/REGION-1 NE)	VERMONT YANKEE NUCLEAR POWER CORP	514.0	BWR	GE EBAS	12/65 08/66	11/66 01/70	12/67 03/72	03/72	09/72	11/72	11/72
43 FORT CALHOUN STATION (NB/REGION-5 WNC)	OMAHA PUBLIC POWER DISTRICT	490.0	PWR	COMB G&H	06/66 10/66	04/67 11/69	06/68 05/73	08/73	08/73	05/74	09/73

STATUS OF U.S. CENTRAL STATION NUCLEAR ELECTRIC GENERATING UNITS
SIGNIFICANT MILESTONES

PLANT (STATE/REGION)	OWNER(S)	CAP NET (MWE)	TYPE	NSSS/ AE CONTR	PUBLIC ANN'D	NSSS ORDER	CP/ OL APPLIED	CP/ OL ISSUED	INITIAL CRIT.	FIRST ELEC.	INITIAL DESIGN POWER	COM- MERCIAL OPER.
44 SURRY POWER STATION UNIT 1 (VA/REGION-3 SA)	VIRGINIA ELECTRIC & POWER CO	822.0	PWR	WEST S&W	06/66	10/66	03/67 01/70	06/68 05/72	07/72	07/72	11/72	12/72
45 SURRY POWER STATION UNIT 2 (VA/REGION-3 SA)	VIRGINIA ELECTRIC & POWER CO	822.0	PWR	WEST S&W	10/66	10/66	03/67 01/70	06/68 01/73	03/73	03/73	04/73	05/73
46 DIABLO CANYON NUCLEAR POWER PLANT UNIT 1 (CA/REGION-9 PAC)	PACIFIC GAS & ELECTRIC CO	1084.0	PWR	WEST PG&E	09/66	11/66	01/67 10/73	04/68	(00/81)		(00/81)	(00/81)
47 THREE MILE ISLAND NUCLEAR STATION UNIT 1 (PA/REGION-2 MA)	METROPOLITAN EDISON CO; JERSEY CENTRAL POWER & LIGHT CO; PA ELECTRIC CO	819.0	PWR	B&W GIL	11/66	11/66	05/67 03/70	05/68 04/74	06/74	06/74	08/74	09/74
48 BAYLIS GENERATING STATION (IN/REGION-4 ENC)	NO INDIANA PUBLIC SERVICE CO	643.8	BWR	GE S&L	01/67	01/67	08/70	05/74	(00/89)		(00/89)	(06/89)
49 CRYSTAL RIVER PLANT UNIT 3 (FL/REGION-3 SA)	FLORIDA POWER CORP & OTHERS	825.0	PWR	B&W GIL	02/67	02/67	08/67 02/71	09/68 12/76	01/77	01/77	04/77	03/77
50 KEWAUNEE NUCLEAR POWER PLANT UNIT 1 (WI/REGION-4 ENC)	WISCONSIN PUBLIC SERVICE CORP; WI POWER & LIGHT CO; MADISON GAS & ELECTRIC CO	535.0	PWR	WEST PSE	02/67	02/67	08/67 01/71	08/68 12/73	03/74	04/74	05/74	06/74
51 MAINE YANKEE ATOMIC POWER PLANT (ME/REGION-1 NE)	MAINE YANKEE ATOMIC POWER CO	825.0	PWR	COMB S&W	01/66	02/67	09/67 08/70	10/68 09/72	10/72	11/72	12/72	12/72
52 POINT BEACH NUCLEAR PLANT UNIT 2 (WI/REGION-4 ENC)	WISCONSIN ELECTRIC POWER CO; WISCONSIN-MICHIGAN POWER CO	497.0	PWR	WEST BECH	02/67	02/67	07/67 03/69	07/68 11/71	05/72	08/72	04/73	04/73
53 PRAIRIE ISLAND NUCLEAR GENERATING PLANT UNIT 1 (MN/REGION-5 WNC)	NORTHERN STATES POWER CO	530.0	PWR	WEST PSE	02/67	02/67	03/67 02/71	06/68 08/73	12/73	12/73	04/74	12/73
54 SHOREHAM NUCLEAR POWER STATION (NY/REGION-1 NE)	LONG ISLAND LIGHTING CO	819.0	BWR	GE S&W	04/65	02/67	05/68 01/76	04/73	(06/82)		(12/82)	(02/83)

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SIGNIFICANT MILESTONES

PLANT (STATE/REGION)	OWNER(S)	CAP NET (MWE)	TYPE	NSSS/ AE CONTR	PUBLIC ANNC'D	NSSS ORDER	CP/ OL APPLIED	CP/ OL ISSUED	INITIAL CRIT.	FIRST ELEC.	INITIAL DESIGN POWER	COM- MERCIAL OPER.
55 THREE MILE ISLAND NUCLEAR STATION UNIT 2 (PA/REGION-2 MA)	METROPOLITAN EDISON CO; JERSEY CENTRAL POWER & LIGHT CO; PA ELECTRIC CO	906.0	PWR	B&W B&R	02/67	02/67	04/68 04/74	11/69 02/78	03/78	04/78	10/78	12/78 ¹
56 ZION STATION UNIT 1 (IL/REGION-4 ENC)	COMMONWEALTH EDISON CO	1040.0	PWR	WEST S&L	02/67	02/67	07/67 11/70	12/68 04/73	06/73	06/73	11/73	12/73
57 ARKANSAS NUCLEAR ONE UNIT 1 (AR/REGION-7 WSC)	ARKANSAS POWER & LIGHT CO.	850.0	PWR	B&W BECH	04/67	04/67	11/67 04/71	12/68 05/74	08/74	08/74	12/74	12/74
58 COOPER NUCLEAR STATION (NB/REGION-5 WNC)	NEBRASKA PUBLIC POWER DISTRICT	778.0	BWR	GE B&R	06/66	04/67	07/67 03/71	06/68 01/74	02/74	05/74	10/74	07/74
59 INDIAN POINT STATION UNIT 3 (NY/REGION-1 NE)	POWER AUTHORITY OF STATE OF NEW YORK	965.0	PWR	WEST UEC	04/67	04/67	04/67 12/70	08/69 12/75	04/76	04/76	06/76	08/76
60 TURKEY POINT STATION UNIT 4 (FL/REGION-3 SA)	FLORIDA POWER & LIGHT CO	693.0	PWR	WEST BECH	11/65	04/67	03/66 05/69	04/67 04/73	06/73	06/73	04/74	09/73
61 CALVERT CLIFFS NUCLEAR POWER PLANT UNIT 1 (MD/REGION-2 MA)	BALTIMORE GAS & ELECTRIC CO	845.0	PWR	COMB BECH	05/67	05/67	01/68 01/71	07/69 07/74	10/74	12/74	04/75	05/75
62 CALVERT CLIFFS NUCLEAR POWER PLANT UNIT 2 (MD/REGION-2 MA)	BALTIMORE GAS & ELECTRIC CO	845.0	PWR	COMB BECH	05/67	05/67	01/68 01/71	07/69 08/76	11/76	12/76	01/77	04/77
63 OCGNEE NUCLEAR STATION UNIT 3 (SC/REGION-3 SA)	DUKE POWER CO	887.0	PWR	B&W O/BEC	05/67	05/67	04/67 06/69	11/67 07/74	09/74	09/74	12/74	12/74
64 SALEM NUCLEAR GENERATING STATION UNIT 2 (NJ/REGION-2 MA)	PUBLIC SERVICE ELECTRIC & GAS CO; PHILADELPHIA ELECTRIC CO; DELMARVA POWER & LIGHT CO; ATLANTIC CITY ELECTRIC CO	1115.0	PWR	WEST P&EG	05/66	05/67	10/67 08/71	09/68 04/80	08/80		(2Q/81)	(2Q/81)
65 BROWNS FERRY NUCLEAR POWER PLANT UNIT 3 (AL/REGION-6 ESC)	TENNESSEE VALLEY AUTHORITY	1065.0	BWR	GE TVA	06/67	06/67	07/67 09/70	07/68 07/76	08/76	08/76	12/76	03/77

STATUS OF U.S. CENTRAL STATION NUCLEAR ELECTRIC GENERATING UNITS
SIGNIFICANT MILESTONES

PLANT (STATE/REGION)	OWNER(S)	CAP NET (MWE)	TYPE	NSSS/ AE CONTR	PUBLIC ANN'D	NSSS ORDER	CP/ OL APPLIED	CP/ OL ISSUED	INITIAL CRIT.	FIRST ELEC.	INITIAL DESIGN POWER	COM- MERCIAL OPER.
66 PRAIRIE ISLAND NUCLEAR GENERATING PLANT UNIT 2 (MN/REGION-5 WNC)	NORTHERN STATES POWER CO	530.0	PWR	WEST PSE	06/67	06/67	03/67 02/71	06/68 10/74	12/74	12/74		12/74
67 DONALD C COOK PLANT UNIT 1 (MI/REGION-4 ENC)	INDIANA & MICHIGAN POWER CO	1054.0	PWR	WEST AEP	12/66	07/67	12/67 02/71	03/69 10/74	01/75	02/75	04/76	08/75
68 DONALD C COOK PLANT UNIT 2 (MI/REGION-4 ENC)	INDIANA & MICHIGAN POWER CO	1100.0	PWR	WEST AEP	07/67	07/67	12/67 02/71	03/69 12/77	03/78	03/78	05/78	07/78
69 ZION STATION UNIT 2 (IL/REGION-4 ENC)	COMMONWEALTH EDISON CO	1040.0	PWR	WEST S&L	07/67	07/67	08/67 11/70	12/68 11/73	12/73	12/73	04/74	09/74
70 RANCHO SECO NUCLEAR GENERATING STATION (CA/REGION-9 PAC)	SACRAMENTO MUNICIPAL UTILITY DISTRICT	918.0	PWR	B&W BECH	04/66	08/67	11/67 04/71	10/68 08/74	09/74	N/A	01/76	04/75
71 BEAVER VALLEY POWER STATION UNIT 1 (PA/REGION-2 MA)	DUQUESNE LIGHT CO; OHIO EDISON CO: PA POWER CO	852.0	PWR	WEST O/S&W	09/67	09/67	01/69 10/72	06/70 01/76	05/76	05/76	10/76	10/76
72 LIMERICK GENERATING STATION UNIT 1 (PA/REGION-2 MA)	PHILADELPHIA ELECTRIC CO	1055.0	BWR	GE BECH	10/67	10/67	03/70	06/74	(01/85)		(02/85)	(04/85)
73 LIMERICK GENERATING STATION UNIT 2 (PA/REGION-2 MA)	PHILADELPHIA ELECTRIC CO	1055.0	BWR	GE BECH	10/67	10/67	03/70	06/74	(07/87)		(08/87)	(10/87)
74 NORTH ANNA POWER STATION UNIT 1 (VA/REGION-3 SA)	VIRGINIA ELECTRIC & POWER CO	907.0	PWR	WEST S&W	10/67	10/67	03/69 05/73	02/71 11/77	04/78	04/78	05/78	06/78
75 EDWIN I HATCH NUCLEAR PLANT UNIT 1 (GA/REGION-3 SA)	GEORGIA POWER CO; OGLETHORPE ELECTRIC MEMBERSHIP COOP; MUNICIPAL ELECTRIC AUTH OF GA; DALTON WATER & LIGHT COMMISSION	777.0	BWR	GE SSI	12/67	10/67	05/68 03/71	09/69 08/74	09/74	11/74	10/77	12/75
76 ST. LUCIE UNIT 1 (FL/REGION-3 SA)	FLORIDA POWER & LIGHT CO	802.0	PWR	COMB EBAS	02/68	12/67	01/69 03/73	07/70 03/76	04/76	05/76	09/76	12/76

STATUS OF U.S. CENTRAL STATION NUCLEAR ELECTRIC GENERATING UNITS
SIGNIFICANT MILESTONES

PLANT (STATE/REGION)	OWNER(S)	CAP NET (MWE)	TYPE	NSSS/ AE CONTR	PUBLIC ANN'D	NSSS ORDER	CP/ OL APPLIED	CP/ OL ISSUED	INITIAL CRIT.	FIRST ELEC.	INITIAL DESIGN POWER	COM- MERCIAL OPER.
77 MILLSTONE NUCLEAR POWER STATION UNIT 2 (CT/REGION-1 NE)	CONNECTICUT LIGHT & POWER CO; HARTFORD ELECTRIC LIGHT CO; WESTERN MASSACHUSETTS ELECTRIC CO	870.0	PWR	COMB BECH	06/67	12/67	02/69 08/72	12/70 08/75	10/75	11/75	03/76	12/75
78 BRUNSWICK STEAM ELECTRIC PLANT UNIT 1 (NC/REGION-3 SA)	CAROLINA POWER & LIGHT CO	821.0	BWR	GE UEC	01/68	01/68	07/68 10/72	02/70 09/76	10/76	12/76	03/77	03/77
79 BRUNSWICK STEAM ELECTRIC PLANT UNIT 2 (NC/REGION-3 SA)	CAROLINA POWER & LIGHT CO	821.0	BWR	GE UEC	01/68	01/68	07/68 10/72	02/70 12/74	03/75	04/75	09/75	11/75
80 DUANE ARNOLD ENERGY CENTER UNIT 1 (IA/REGION-5 WNC)	IOWA ELECTRIC LIGHT & POWER CO; CENTRAL IOWA POWER COOPERATIVE; CORNBELT POWER COOPERATIVE	538.0	BWR	GE BECH	02/68	02/68	11/68 05/72	06/70 02/74	03/74	05/74	08/74	02/75
81 SEQUOYAH NUCLEAR POWER PLANT UNIT 1 (TN/REGION-6 ESC)	TENNESSEE VALLEY AUTHORITY	1140.0	PWR	WEST TVA	04/68	04/68	10/68 01/74	05/70 02/80	07/80		(2Q/81)	(2Q/81)
82 SEQUOYAH NUCLEAR POWER PLANT UNIT 2 (TN/REGION-6 ESC)	TENNESSEE VALLEY AUTHORITY	1148.0	PWR	WEST TVA	04/68	04/68	10/68 01/74	05/70	(1Q/82)		(2Q/82)	(07/82)
83 MIDLAND NUCLEAR POWER PLANT UNIT 1 (MI/REGION-4 ENC)	CONSUMERS POWER CO	460.0	PWR	B&W BECH	12/67	05/68	01/69 11/77	12/72	(00/85)		(00/85)	(03/85) k
84 MIDLAND NUCLEAR POWER PLANT UNIT 2 (MI/REGION-4 ENC)	CONSUMERS POWER CO	811.0	PWR	B&W BECH	12/67	05/68	01/69 11/77	12/72	(00/84)		(00/84)	(09/84)
85 SUSQUEHANNA STEAM ELECTRIC STATION UNIT 1 (PA/REGION-2 MA)	PENNSYLVANIA POWER & LIGHT CO; ALLEGHENY ELECTRIC COOPERATIVE	1050.0	BWR	GE BECH	05/67	05/68	03/71 06/78	11/73	(00/82)		(00/82)	(2Q/82)
86 SUSQUEHANNA STEAM ELECTRIC STATION UNIT 2 (PA/REGION-2 MA)	PENNSYLVANIA POWER & LIGHT CO; ALLEGHENY ELECTRIC COOPERATIVE	1050.0	BWR	GE BECH	05/68	05/68	03/71 06/78	11/73	(00/83)		(00/83)	(2Q/83)

**STATUS OF U.S. CENTRAL STATION NUCLEAR ELECTRIC GENERATING UNITS
SIGNIFICANT MILESTONES**

PLANT (STATE/REGION)	OWNER(S)	CAP NET (MWE)	TYPE	NSSS/ AE CONTR	PUBLIC ANN'D	NSSS ORDER	CP/ OL APPLIED	CP/ GL ISSUED	INITIAL CRIT.	FIRST ELEC.	INITIAL DESIGN POWER	COM- MERCIAL OPER.
87 DIABLO CANYON NUCLEAR POWER PLANT UNIT 2 (CA/REGION-9 PAC)	PACIFIC GAS & ELECTRIC CO	1106.0	PWR	WEST PG&E	02/68	07/68	06/68 10/73	12/70	(00/82)		(00/82)	(00/82)
88 ENRICO FERMI ATOMIC POWER PLANT UNIT 2 (MI/REGION-4 ENC)	DETROIT EDISON CO; NO MI ELECTRIC COOP; WOLVERINE ELECTRIC COOP	1093.0	BWR	GE S&L	07/68	08/68	04/69 04/75	09/72	(01/83)		(10/83)	(11/83)
89 DAVIS BESSE NUCLEAR POWER STATION UNIT 1 (OH/REGION-4 ENC)	TOLEDO EDISON CO; CLEVELAND ELECTRIC ILLUMINATING CO	906.0	PWR	B&W BECH	02/68	10/68	07/69 03/73	03/71 04/77	08/77	08/77	12/77	11/77
90 TROJAN NUCLEAR PLANT (OR/REGION-9 PAC)	PORTLAND GENERAL ELECTRIC CO; EUGENE WATER AND ELECTRIC BOARD; PACIFIC POWER & LIGHT CO	1130.0	PWR	WEST BECH	02/67	11/68	06/69 02/73	02/71 11/75	12/75	02/76	05/76	05/76
91 JAMES A FITZPATRICK NUCLEAR POWER PLANT (NY/REGION-1 NE)	POWER AUTHORITY OF STATE OF NEW YORK	821.0	BWR	GE S&W	08/68	12/68	12/68 06/71	05/70 10/74	11/74	02/75	10/75	07/75
92 JOSEPH M FARLEY NUCLEAR PLANT UNIT 1 (AL/REGION-6 ESC)	ALABAMA POWER CO.	829.0	PWR	WEST B/SSI	05/69	05/69	10/69 08/73	08/72 06/77	08/77	08/77	10/77	12/77
93 HOPE CREEK GENERATING STATION UNIT 1 (NJ/REGION-2 MA)	PUBLIC SERVICE ELECTRIC & GAS CO; ATLANTIC CITY ELECTRIC CO	1067.0	BWR	GE BECH	08/69	08/69	02/70	11/74	(07/86)		(11/86)	(12/86)
94 HOPE CREEK GENERATING STATION UNIT 2 (NJ/REGION-2 MA)	PUBLIC SERVICE ELECTRIC & GAS CO; ATLANTIC CITY ELECTRIC CO	1067.0	BWR	GE BECH	08/69	08/69	02/73	11/74	(07/85)		(11/89)	(12/89)
95 WM H ZIMMER NUCLEAR POWER STATION UNIT 1 (OH/REGION-4 ENC)	CINCINNATI GAS & ELECTRIC CO; COLUMBUS & SOUTHERN OHIO ELECTRIC CO; DAYTON POWER & LIGHT CO	810.0	BWR	GE S&L	03/68	09/69	04/73 09/75	10/72	(10/81)		(02/82)	(04/82)
96 WILLIAM B MCGUIRE NUCLEAR STATION UNIT 1 (NC/REGION-3 SA)	DUKE POWER CO	1190.0	PWR	WEST DUKE	11/69	11/69	09/70 05/74	02/73 *	(01/81)		(2Q/81)	(2Q/81)

* License to load fuel and do low power testing issued by NRC
1-26-81.

STATUS OF U.S. CENTRAL STATION NUCLEAR ELECTRIC GENERATING UNITS
SIGNIFICANT MILESTONES

PLANT (STATE/REGION)	OWNER(S)	CAP NET (MWE)	TYPE	NSSS/ AE CONTR	PUBLIC ANN'D	NSSS ORDER	CP/ OL APPLIED	CP/ OL ISSUED	INITIAL CRIT.	FIRST ELEC.	INITIAL DESIGN POWER	COM- MERCIAL OPER.
97 WILLIAM B MCGUIRE NUCLEAR STATION UNIT 2 (NC/REGION-3 SA)	DUKE POWER CO	1180.0	PWR	WEST DUKE	11/69	11/69	09/70 05/74	02/73	(06/82)		(09/82)	(09/82)
98 NORTH ANNA POWER STATION UNIT 2 (VA/REGION-3 SA)	VIRGINIA ELECTRIC & POWER CO	907.0	PWR	WEST S&W	10/67	01/70	03/69 05/73	02/71 04/80	10/80	08/80	12/80	12/80
99 SAN CNOFRE NUCLEAR GENERATING STATION UNIT 2 (CA/REGION-9 PAC)	SO CALIFORNIA EDISON CO; SAN DIEGO GAS & ELECTRIC CO	1100.0	PWR	COMB BECH	01/70	01/70	05/70 03/77	10/73	(06/81)		(10/81)	(12/81)
100 SAN CNOFRE NUCLEAR GENERATING STATION UNIT 3 (CA/REGION-9 PAC)	SO CALIFORNIA EDISON CO; SAN DIEGO GAS & ELECTRIC CO	1100.0	PWR	COMB BECH	01/70	01/70	05/70 03/77	10/73	(08/82)		(12/82)	(02/83)
101 EDWIN I HATCH NUCLEAR PLANT UNIT 2 (GA/REGION-3 SA)	GEORGIA POWER CO; OGLETHORPE ELECTRIC MEMBERSHIP COOP; MUNICIPAL ELECTRIC AUTHORITY OF GEORGIA; DALTON WATER & LIGHT COMMISSION	784.0	BWR	GE SSI/8	02/70	01/70	07/70 10/75	12/72 06/78	07/78	09/78	05/79	09/79
102 ARKANSAS NUCLEAR ONE UNIT 2 (AR/REGION-7 WSC)	ARKANSAS POWER & LIGHT CO.	912.0	PWR	COMB BECH	05/70	05/70	09/70 04/74	12/72 09/78	12/78	12/78	09/79	03/80
103 LASALLE COUNTY NUCLEAR STATION UNIT 1 (IL/REGION-4 ENC)	COMMONWEALTH EDISON CO	1078.0	BWR	GE S&L	03/70	05/70	11/70 05/77	09/73	(12/81)		(04/82)	(04/82)
104 LASALLE COUNTY NUCLEAR STATION UNIT 2 (IL/REGION-4 ENC)	COMMONWEALTH EDISON CO	1078.0	BWR	GE S&L	03/70	05/70	11/70 05/77	09/73	(08/82)		(12/82)	(12/82)
105 BELLEFONTE NUCLEAR PLANT UNIT 1 (AL/REGION-6 ESC)	TENNESSEE VALLEY AUTHORITY	1213.0	PWR	B&W TVA	08/70	08/70	06/73 06/78	12/74	(2Q/85)		(3Q/85)	(12/85)
106 BELLEFONTE NUCLEAR PLANT UNIT 2 (AL/REGION-6 ESC)	TENNESSEE VALLEY AUTHORITY	1213.0	PWR	B&W TVA	08/70	08/70	06/73 06/78	12/74	(1Q/86)		(2Q/86)	(09/86)

STATUS OF U.S. CENTRAL STATION NUCLEAR ELECTRIC GENERATING UNITS
SIGNIFICANT MILESTONES

PLANT (STATE/REGION)	OWNER(S)	CAP NET (MWE)	TYPE	NSSS/ AE CONTR	PUBLIC ANN'D	NSSS ORDER	CP/ OL APPL IEC	CP/ OL ISSUED	INITIAL CRIT.	FIRST ELEC.	INITIAL DESIGN POWER	COM- MERCIAL OPER.
107 WATTS BAR NUCLEAR PLANT UNIT 1 (TN/REGION-6 ESC)	TENNESSEE VALLEY AUTHORITY	1177.0	PWR	WEST TVA	08/70	08/70	05/71 10/76	01/73	(2Q/82)		(3Q/82)	(11/82)
108 WATTS BAR NUCLEAR PLANT UNIT 2 (TN/REGION-6 ESC)	TENNESSEE VALLEY AUTHORITY	1177.0	PWR	WEST TVA	08/70	08/70	05/71 10/76	01/73	(1Q/83)		(2Q/83)	(08/83)
109 WATERFORD STEAM ELECTRIC STATION UNIT 3 (LA/REGION-7 WSC)	LOUISIANA POWER & LIGHT CO	1113.0	PWR	COMB EBAS	09/70	09/70	12/70, 12/78	11/74	(11/82)		(03/83)	(03/83)
110 JOSEPH M FARLEY NUCLEAR PLANT UNIT 2 (AL/REGION-6 ESC)	ALABAMA POWER CO.	829.0	PWR	WEST B/SSI	06/70	12/70	06/70 08/73	08/72 10/80	(03/81)		(05/81)	(07/81)
111 VIRGIL C SUMMER NUCLEAR STATION UNIT 1 (SC/REGION-3 SA)	SO CAROLINA ELECTRIC & GAS CO; SC PUBLIC SERVICE AUTHORITY	900.0	PWR	WEST G/CA	02/71	02/71	06/71 02/77	03/73	(12/81)		(04/82)	(06/82)
112 WPPSS NUCLEAR PROJECT NO 2 (WA/REGION-9 PAC)	WASHINGTON PUBLIC POWER SUPPLY SYSTEM	1093.0	BWR	GE B&R	02/67	03/71	08/71 04/77	03/73	(07/82)		(11/82)	(01/83)
113 SHEARON HARRIS PLANT UNIT 1 (NC/REGION-3 SA)	CAROLINA POWER & LIGHT CO	900.0	PWR	WEST EBAS	04/71	04/71	09/71	01/78	(07/84)		(12/84)	(03/85)
114 SHEARON HARRIS PLANT UNIT 2 (NC/REGION-3 SA)	CAROLINA POWER & LIGHT CO	900.0	PWR	WEST EBAS	04/71	04/71	09/71	01/78	(06/87)		(12/87)	(03/88)
115 SHEARON HARRIS PLANT UNIT 3 (NC/REGION-3 SA)	CAROLINA POWER & LIGHT CO	900.0	PWR	WEST EBAS	04/71	04/71	09/71	01/78	(06/93)		(12/93)	(03/94)
116 SHEARON HARRIS PLANT UNIT 4 (NC/REGION-3 SA)	CAROLINA POWER & LIGHT CO	900.0	PWR	WEST EBAS	04/71	04/71	09/71	01/78	(06/91)		(12/91)	(03/92)
117 BYRON STATION UNIT 1 (IL/REGION-4 ENC)	COMMONWEALTH EDISON CO	1120.0	PWR	WEST S&L	04/71	04/71	09/73 11/78	12/75	(06/83)		(10/83)	(10/83)
118 BYRON STATION UNIT 2 (IL/REGION-4 ENC)	COMMONWEALTH EDISON CO	1120.0	PWR	WEST S&L	04/71	04/71	09/73 11/78	12/75	(06/84)		(10/84)	(10/84)

STATUS OF U.S. CENTRAL STATION NUCLEAR ELECTRIC GENERATING UNITS
SIGNIFICANT MILESTONES

PLANT (STATE/REGION)	OWNER(S)	CAP NET (MWE)	TYPE	NSSS/ AE CONTR	PUBLIC ANN'C'D	NSSS ORDER	CP/ OL APPLIED	CP/ GL ISSUED	INITIAL CRIT.	FIRST ELEC.	INITIAL DESIGN POWER	COM- MERCIAL OPER.
119 NORTH ANNA POWER STATION UNIT 3 (VA/REGION-3 SA)	VIRGINIA ELECTRIC & POWER CO	907.0	PWR	B&W S&W	04/71	04/71	09/71	07/74	(07/89)		(10/89)	(10/89)
120 ALVIN W VOGTLE NUCLEAR PLANT UNIT 1 (GA/REGION-3 SA)	GEORGIA POWER CO; OGLETHORPE ELECTRIC MEMBERSHIP COOP; MUNICIPAL ELECTRIC AUTH OF GA; DALTON WATER & LIGHT COMMISSION	1110.0	PWR	WEST SSI/B	09/71	09/71	02/73	06/74	(12/84)		(04/85)	(05/85)
121 ALVIN W VOGTLE NUCLEAR PLANT UNIT 2 (GA/REGION-3 SA)	GEORGIA POWER CO; OGLETHORPE ELECTRIC MEMBERSHIP COOP; MUNICIPAL ELECTRIC AUTH OF GA; DALTON WATER & LIGHT COMMISSION	1110.0	PWR	WEST SSI/B	09/71	09/71	02/73	06/74	(06/87)		(10/87)	(11/87)
122 BEAVER VALLEY POWER STATION UNIT 2 (PA/REGION-2 MA)	OHIO EDISON CO; CLEVELAND ELECTRIC ILLUMINATING CO; TOLEDO EDISON CO; DUQUESNE LIGHT CO	833.0	PWR	WEST O/S&W	09/71	09/71	11/72	05/74	(12/85)		(04/86)	(05/86)
123 NINE MILE POINT NUCLEAR STATION UNIT 2 (NY/REGION-1 NE)	NIAGARA MOHAWK POWER CORP; ROCHESTER GAS & ELECTRIC CO; CENTRAL HUDSON GAS & ELECTRIC CORP; NY STATE ELECTRIC & GAS CORP; LONG ISLAND LIGHTING CO	1099.8	BWR	GE S&W	06/71	09/71	06/72	06/74	(04/86)		(09/86)	(10/86)
124 GRAND GULF NUCLEAR STATION UNIT 1 (MS/REGION-6 ESC)	MISSISSIPPI POWER & LIGHT CO	1250.0	BWR	GE BECH	08/71	01/72	11/72 06/78	09/74	(12/81)		(02/82)	(04/82)
125 GRAND GULF NUCLEAR STATION UNIT 2 (MS/REGION-6 ESC)	MISSISSIPPI POWER & LIGHT CO	1250.0	BWR	GE BECH	08/71	01/72	11/72 06/78	09/74	(12/85)		(02/86)	(04/86)
126 PILGRIM STATION UNIT 2 (MA/REGION-1 NE)	BOSTON EDISON CO; MA MUNICIPAL WHOLESALE ELECTRIC CO; NEW ENGLAND POWER CO & OTHERS	1150.0	PWR	COMB BECH	03/72	03/72	12/74		(10/86)		(12/86)	(10/87)

STATUS OF U.S. CENTRAL STATION NUCLEAR ELECTRIC GENERATING UNITS
SIGNIFICANT MILESTONES

PLANT (STATE/REGION)	OWNER(S)	CAP NET (MWE)	TYPE	NSSS/ AE CONTR	PUBLIC ANNC'D	NSSS ORDER	CP/ OL APPLIED	CP/ OL ISSUED	INITIAL CRIT.	FIRST ELEC.	INITIAL DESIGN POWER	COM- MERCIAL OPER.
127 PERRY NUCLEAR POWER PLANT UNIT 1 (OH/REGION-4 ENC)	OHIO EDISON CO; CLEVELAND ELECTRIC ILLUMINATING CO; TOLEDO EDISON CO; DUQUESNE LIGHT CO; TOLECO EDISON CO	1205.0	BWR	GE G/CA	10/71	06/72	06/73	05/77	(06/83)		(05/84)	(05/84)
128 PERRY NUCLEAR POWER PLANT UNIT 2 (OH/REGION-4 ENC)	OHIO EDISON CO; CLEVELAND ELECTRIC ILLUMINATING CO; TOLEDO EDISON CO; DUQUESNE LIGHT CO; TOLEDO EDISON CO	1205.0	BWR	GE G/CA	10/71	06/72	06/73	05/77	(06/87)		(05/88)	(05/88)
129 SEABROOK NUCLEAR STATION UNIT 1 (NH/REGION-1 NE)	PUBLIC SERVICE CO OF NEW HAMPSHIRE; UNITED ILLUMINATING CO; MASSACHUSETTS MUNICIPAL WHOLESALE ELECTR; NEW ENGLAND POWER CO & OTHERS; & OTHERS	1200.0	PWR	WEST UEC	03/67	06/72	07/73	07/76	(01/83)		(03/83)	(04/83)*
130 SEABROOK NUCLEAR STATION UNIT 2 (NH/REGION-1 NE)	PUBLIC SERVICE CO OF NEW HAMPSHIRE; UNITED ILLUMINATING CO; MASSACHUSETTS MUNICIPAL WHOLESALE ELECTR; NEW ENGLAND POWER CO & OTHERS; & OTHERS	1200.0	PWR	WEST UEC	02/72	06/72	07/73	07/76	(11/84)		(01/85)	(02/85)
131 RIVER BEND STATION UNIT 1 (LA/REGION-7 WSC)	GULF STATES UTILITIES CO	934.0	EWR	GE S&W	11/71	06/72	09/73	03/77	(00/84)		(04/84)	(04/84)
132 CATAWBA NUCLEAR STATION UNIT 1 (SC/REGION-3 SA)	DUKE POWER CO	1145.0	PWR	WEST DUKE	07/72	07/72	10/72	08/75	(01/84)		(03/84)	(03/84)
133 CATAWBA NUCLEAR STATION UNIT 2 (SC/REGION-3 SA)	DUKE POWER CO; NC MUNICIPAL POWER AGENCY NO. 1	1145.0	PWR	WEST DUKE	07/72	07/72	10/72	08/75	(06/85)		(09/85)	(09/85)
134 BRAIDWOOD STATION UNIT 1 (IL/REGION-4 ENC)	COMMONWEALTH EDISON CO	1120.0	PWR	WEST S&L	09/72	09/72	09/73 12/78	12/75	(06/85)		(10/85)	(10/85)

* Nuclear News 2/81 reports completion date of 12/83.

STATUS OF U.S. CENTRAL STATION NUCLEAR ELECTRIC GENERATING UNITS
-SIGNIFICANT MILESTONES

PLANT (STATE/REGION)	OWNER(S)	CAP NET (MWE)	TYPE	NSSS/ AE CONTR	PUBLIC ANN'D	NSSS ORDER	CP/ OL APPLIED	CP/ OL ISSUED	INITIAL CRIT.	FIRST ELEC.	INITIAL DESIGN POWER	COM- MERCIAL OPER.
135 Braidwood Station Unit 2 (IL/REGION-4 ENC)	COMMONWEALTH EDISON CO	1120.0	PWR	WEST S&L	09/72	09/72	09/73 12/78	12/75	(06/86)		(10/86)	(10/86)
136 Comanche Peak Steam Electric Station Unit 1 (TX/REGION-7 WSC)	DALLAS POWER & LIGHT CO; TEXAS ELECTRIC SERVICE CO; TEXAS POWER & LIGHT CO	1111.0	PWR	WEST G&H	07/72	10/72	07/73 04/78	12/74	(00/82)		(00/82)	(00/82)
137 Comanche Peak Steam Electric Station Unit 2 (TX/REGION-7 WSC)	DALLAS POWER & LIGHT CO; TEXAS ELECTRIC SERVICE CO; TEXAS POWER AND LIGHT CO	1111.0	PWR	WEST G&H	07/72	10/72	07/73 04/78	12/74	(00/84)		(00/84)	(00/84)
138 Clinch River Breeder Reactor Plant (TN/REGION-6 ESC)	UNITED STATES GOVERNMENT	350.0	LMFB	WEST B&R	08/72	11/72	04/75					
139 St. Lucie Unit 2 (FL/REGION-3 SA)	FLORIDA POWER & LIGHT CO	810.0	PWR	COMB EBAS	11/72	11/72	09/73	05/77	(12/82)		(05/83)	(05/83)
140 WPPSS Nuclear Project No 1 (WA/REGION-9 PAC)	WASHINGTON PUBLIC POWER SUPPLY SYSTEM	1218.0	PWR	B&W UEC	11/72	11/72	10/73	12/75	(12/84)		(04/85)	(06/85)
141 Hartsville Plant A, Unit 1 (TN/REGION-6 ESC)	TENNESSEE VALLEY AUTHORITY	1233.0	BWR	GE TVA	05/72	12/72	09/74	05/77	(4Q/87)		(1Q/88)	(07/88)
142 Hartsville Plant A, Unit 2 (TN/REGION-6 ESC)	TENNESSEE VALLEY AUTHORITY	1233.0	BWR	GE TVA	05/72	12/72	09/74	05/77	(4Q/88)		(1Q/89)	(04/89)
143 Hartsville Plant B, Unit 1 (TN/REGION-6 ESC)	TENNESSEE VALLEY AUTHORITY	1233.0	BWR	GE TVA	05/72	12/72	09/74	05/77				
144 Hartsville Plant B, Unit 2 (TN/REGION-6 ESC)	TENNESSEE VALLEY AUTHORITY	1233.0	BWR	GE TVA	05/72	12/72	09/74	05/77				
145 Clinton Nuclear Power Station Unit 1 (IL/REGION-4 ENC)	ILLINOIS POWER COMPANY	933.4	BWR	GE S&L	02/72	01/73	10/73 07/80	02/76	(01/83)		(09/83)	(09/83)

STATUS OF U.S. CENTRAL STATION NUCLEAR ELECTRIC GENERATING UNITS
SIGNIFICANT MILESTONES

PLANT (STATE/REGION)	OWNER(S)	CAP NET (MWE)	TYPE	NSSS/ AE CONTR	PUBLIC ANN'D	NSSS ORDER	CP/ OL APPLIED	CP/ OL ISSUED	INITIAL CRIT.	FIRST ELEC.	INITIAL DESIGN POWER	COM- MERCIAL OPER.
146 CLINTON NUCLEAR POWER STATION UNIT 2 (IL/REGION-4 ENC)	ILLINOIS POWER COMPANY	933.4	BWR	GE SEL	02/72	01/73	10/73 07/80	02/76	(10/87)		(06/88)	(06/88)
147 MILLSTONE NUCLEAR POWER STATION UNIT 3 (CT/REGION-1 NE)	CONNECTICUT LIGHT & POWER CO; HARTFORD ELECTRIC LIGHT CO; WESTERN MA ELECTRIC CO; NEW ENGLAND POWER CO & OTHERS	1156.0	PWR	WEST S&W	01/72	02/73	02/73	08/74	(02/86)		(04/86)	(05/86)
148 PEBBLE SPRINGS UNIT 1 (OR/REGION-9 PAC)	PORTLAND GENERAL ELECTRIC CO; PUGET SOUND POWER & LIGHT CO; PACIFIC POWER & LIGHT CO	1260.0	PWR	B&W BECH	02/73	02/73	08/74		(07/90)		(09/90)	(01/91)
149 ALLENS CREEK NUCLEAR GENERATING STATION UNIT 1 (TX/REGION-7 WSC)	HOUSTON LIGHTING & POWER CO	1150.0	B&W	GE EBAS	08/72	03/73	12/73		(04/88)		(08/88)	(01/89)
150 PERKINS NUCLEAR STATION UNIT 1 (NC/REGION-3 SA)	DUKE POWER CO	1280.0	PWR	COMB DUKE	04/73	04/73	05/74		(10/96)		(01/97)	(01/97)
151 PERKINS NUCLEAR STATION UNIT 2 (NC/REGION-3 SA)	DUKE POWER CO	1280.0	PWR	COMB DUKE	04/73	04/73	05/74		(10/98)		(01/99)	(01/99)
152 PERKINS NUCLEAR STATION UNIT 3 (NC/REGION-3 SA)	DUKE POWER CO	1280.0	PWR	COMB DUKE	04/73	04/73	05/74		(10/99)		(01/99)	(2001)
153 CHEROKEE NUCLEAR STATION UNIT 1 (SC/REGION-3 SA)	DUKE POWER CO	1280.0	PWR	COMB DUKE	04/73	04/73	05/74	12/77	(10/89)		(01/90)	(01/90)*
154 CHERCKEE NUCLEAR STATION UNIT 2 (SC/REGION-3 SA)	DUKE POWER CO	1280.0	PWR	COMB DUKE	04/73	04/73	05/74	12/77	(10/92)		(01/93)	(01/93)*
155 CHEROKEE NUCLEAR STATION UNIT 3 (SC/REGION-3 SA)	DUKE POWER CO	1280.0	PWR	COMB DUKE	04/73	04/73	05/74	12/77				
156 JAMESPORT UNIT 1 (NY/REGION-1 NE)	LONG ISLAND LIGHTING CO; NY STATE ELECTRIC & GAS CO	1150.0	PWR	WEST S&W	04/73	06/73	09/74	01/79	(02/89)			(06/89)

* Utility announced Feb 81 construction is delayed indefinitely. PAGE 16

STATUS OF U.S. CENTRAL STATION NUCLEAR ELECTRIC GENERATING UNITS
SIGNIFICANT MILESTONES

PLANT (STATE/REGION)	OWNER(S)	CAP NET (MWE)	TYPE	NSSS/ AE CONTR	PUBLIC ANNC'D	NSSS ORDER	CP/ OL APPLIED	CP/ OL ISSUED	INITIAL CRIT.	FIRST ELEC.	INITIAL DESIGN POWER	COM- MERCIAL OPER.
157 SOUTH TEXAS NUCLEAR PROJECT UNIT 1 (TX/REGION-7 WSC)	HOUSTON LIGHTING & POWER CO; SAN ANTONIO PUBLIC SERVICE BOARD; CENTRAL POWER & LIGHT CO; CITY OF AUSTIN ELECTRIC DEPT	1250.0	PWR	WEST BRRT	06/73	07/73	07/74 07/78	12/75	(09/83)		(01/84)	(02/84)
158 SOUTH TEXAS NUCLEAR PROJECT UNIT 2 (TX/REGION-7 WSC)	HOUSTON LIGHTING & POWER CO; SAN ANTONIO PUBLIC SERVICE BOARD; CENTRAL POWER & LIGHT CO; CITY OF AUSTIN ELECTRIC DEPT	1250.0	PWR	WEST BRRT	06/73	07/73	07/74 07/78	12/75	(09/85)		(01/86)	(02/86)
159 WPPSS NUCLEAR PROJECT NO 3 (WA/REGION-9 PAC)	WASHINGTON PUBLIC POWER SUPPLY SYSTEM; PAC P&L & PORTLAND GE; PUGET SOUND P&L; WA WATER POWER CO	1240.0	PWR	COMB EBAS	01/73	07/73	08/74	04/78	(12/85)		(04/86)	(06/86)
160 RIVER BEND STATION UNIT 2 (LA/REGION-7 WSC)	GULF STATES UTILITIES CO	934.0	BWR	GE S&W	09/73	09/73	09/73	03/77				
161 PALO VERDE NUCLEAR GENERATING STATION UNIT 1 (AZ/REGION-8 RM)	ARIZONA PUBLIC SERVICE CO; SALT RIVER PROJECT; EL PASO ELECTRIC CO; PUBLIC SERVICE CO OF NM; SO CA EDISON	1270.0	PWR	COMB BECH	08/73	10/73	10/74 06/80	05/76	(12/82)		(02/83)	(05/83)
162 PALO VERDE NUCLEAR GENERATING STATION UNIT 2 (AZ/REGION-8 RM)	ARIZONA PUBLIC SERVICE CO; SALT RIVER PROJECT; EL PASO ELECTRIC CO; PUBLIC SERVICE CO OF NM; SO CA EDISON	1270.0	PWR	COMB BECH	08/73	10/73	10/74 06/80	05/76	(11/83)		(02/84)	(05/84)
163 PALO VERDE NUCLEAR GENERATING STATION UNIT 3 (AZ/REGION-8 RM)	ARIZONA PUBLIC SERVICE CO; SALT RIVER PROJECT; EL PASO ELECTRIC CO; PUBLIC SERVICE CO OF NM; SO CA EDISON	1270.0	PWR	COMB BECH	08/73	10/73	10/74 06/80	05/76	(12/85)		(02/86)	(06/86)

STATUS OF U.S. CENTRAL STATION NUCLEAR ELECTRIC GENERATING UNITS
SIGNIFICANT MILESTONES

PLANT (STATE/REGION)	OWNER(S)	CAP NET (MWE)	TYPE	NSSS/ AE CONTR	PUBLIC ANN'D	NSSS ORDER	CP/ OL APPLIED	CP/ OL ISSUED	INITIAL CRIT.	FIRST ELEC.	INITIAL DESIGN POWER	COM- MERCIAL OPER.
164 BLACK FOX STATION UNIT 1 (OK/REGION-7 WSC)	PUBLIC SERVICE CO OF OKLAHOMA; ASSOC EL COOP; WESTERN FARM EL COOP	1150.0	BWR	GE B&V	01/73	12/73	12/75		(03/85)		(07/85)	(07/85) *
165 BLACK FOX STATION UNIT 2 (OK/REGION-7 WSC)	PUBLIC SERVICE CO OF OKLAHOMA; ASSOC EL COOP; WESTERN FARM EL COOP	1150.0	BWR	GE B&V	01/73	12/73	12/75		(03/88)		(07/88)	(07/88) *
166 SKAGIT PROJECT UNIT #1 (WA/REGION-9 PAC)	PUGET SOUND POWER & LIGHT CO; PORTLAND GE; PACIFIC POWER & LIGHT CO; WA WATER POWER CO	1277.0	BWR	GE BECH	01/73	12/73	09/74		(09/90)		(12/90)	(01/91)
167 CALLAWAY PLANT #1 (MO/REGION-5 WNC)	UNION ELECTRIC CO	1120.0	PWR	WEST BECH	12/71	07/73	06/74 08/30	04/76	(10/82)		(03/83)	(04/83)
168 WOLF CREEK (KS/REGION-5 WNC)	KANSAS GAS & ELECTRIC CO; KANSAS CITY POWER & LIGHT	1150.0	PWR	WEST BECH	02/73	07/73	05/74 08/80	05/77	(04/83)		(02/84)	(04/84)
169 CALLAWAY PLANT #2 (MO/REGION-5 WNC)	UNION ELECTRIC CO	1120.0	PWR	WEST BECH	07/73	07/73	06/74 08/80	04/76	(00/88)		(03/88)	(04/88)
170 JAMESPORT UNIT 2 (NY/REGION-1 NE)	LONG ISLAND LIGHTING CO; NY STATE ELECTRIC & GAS CO	1150.0	PWR	WEST S&W	02/74	02/74	09/74	01/79	(02/91)			(06/91)
171 PEBBLE SPRINGS UNIT 2 (OR/REGION-9 PAC)	PORTLAND GENERAL ELECTRIC CO; PUGET SOUND POWER & LIGHT CO; PACIFIC POWER & LIGHT CO	1260.0	PWR	B&W BECH	05/74	05/74	08/74		(07/92)		(09/92)	(01/93)
172 WPPSS NUCLEAR PROJECT NO. 4 (WA/REGION-9 PAC)	WASHINGTON PUBLIC POWER SUPPLY SYSTEM	1218.0	PWR	B&W UEC	07/74	07/74	08/74	02/78	(12/85)		(04/86)	(06/86)
173 WPPSS NUCLEAR PROJECT NO. 5 (WA/REGION-9 PAC)	WASHINGTON PUBLIC POWER SUPPLY SYSTEM; PACIFIC POWER & LIGHT	1240.0	PWR	COMB EBAS	07/74	07/74	08/74	04/78	(12/86)		(04/87)	(06/87)
174 MARBLE HILL NUCLEAR POWER STATION UNIT 1 (IN/REGION-4 ENC)	PUBLIC SERVICE CO OF INDIANA; WABASH VALLEY POWER ASSOCIATION	1130.0	PWR	WEST SEL	11/73	8/74	09/75	04/78	(06/86)		(00/86)	(12/86)

* Nuclear News 3/81 reports utility has announced
expected operation dates of 1991 and 1994.

STATUS OF U.S. CENTRAL STATION NUCLEAR ELECTRIC GENERATING UNITS
SIGNIFICANT MILESTONES

PLANT (STATE/REGION)	OWNER(S)	CAP NET (MWE)	TYPE	NSSS/ AE CONTR	PUBLIC ANNC'D	NSSS ORDER	CP/ OL APPLIED	CP/ OL ISSUED	INITIAL CRIT.	FIRST ELEC.	INITIAL DESIGN POWER	COM- MERCIAL OPER.
175 MARBLE HILL NUCLEAR POWER STATION UNIT 2 (IN/REGION-4 ENC)	PUBLIC SERVICE CO OF INDIANA; WABASH VALLEY POWER ASSOCIATION	1130.0	PWR	WEST SEL	02/74	8/74	09/75	04/78	(06/87)		(00/87)	(12/87)
176 SKAGIT PROJECT UNIT #2 (WA/REGION-9 PAC)	PUGET SOUND POWER & LIGHT CO; PORTLAND GE CO; PACIFIC POWER & LIGHT CO; WA WATER POWER CO	1277.0	BWR	GE BECH	7/74	7/74	09/74		(09/92)		(12/92)	(01/93)
177 YELLOW CREEK NO. 1 (MS/REGION-6 ESC)	TENNESSEE VALLEY AUTHORITY	1285.0	PWR	COMB TVA	8/74	8/74	07/76	11/78	(4Q/87)		(1Q/88)	(04/88)
178 YELLOW CREEK NO. 2 (MS/REGION-6 ESC)	TENNESSEE VALLEY AUTHORITY	1285.0	PWR	COMB TVA	8/74	8/74	07/76	11/78				
179 PHIPPS BEND NO. 1 (TN/REGION-6 ESC)	TENNESSEE VALLEY AUTHORITY	1233.0	BWR	GE TVA	8/74	8/74	11/75	01/78	(2Q/88)		(4Q/88)	(02/89)
180 PHIPPS BEND NO. 2 (TN/REGION-6 ESC)	TENNESSEE VALLEY AUTHORITY	1233.0	BWR	GE TVA	8/74	8/74	11/75	01/78				
181 VANDALIA NUCLEAR PROJECT (IA/REGION-5 WNC)	IOWA POWER & LIGHT CO.; ASSOC EL COOP; CENTRAL IOWA POWER COOPERATIVE; IOWA POWER	1270.0	PWR	B&W BECH	06/74	06/76						
182 NEW HAVEN #1 (NY/REGION-1 NE)	NEW YORK STATE ELECTRIC & GAS CO	1250.0	PWR	COMB S&W	04/77	07/77	12/78		(00/92)		(00/92)	(00/92)
183 NEW HAVEN #2 (NY/REGION-1 NE)	NEW YORK STATE ELECTRIC & GAS CO	1250.0	PWR	COMB S&W	04/77	07/77	12/78		(00/94)		(00/94)	(00/94)
184 CARROLL COUNTY STATION UNIT #1 (IL/REGION-4 ENC)	COMMONWEALTH EDISON CO; INTERSTATE POWER CO; IOWA-ILLINOIS GAS & ELECTRIC	1120.0	PWR	WEST	01/74	12/78			(06/93)		(10/93)	(10/93)
185 CARROLL COUNTY STATION UNIT #2 (IL/REGION-4 ENC)	COMMONWEALTH EDISON CO; INTERSTATE POWER CO; IOWA-ILLINOIS GAS & ELECTRIC	1120.0	PWR	WEST	01/74	12/78			(06/94)		(10/94)	(10/94)

NOTES

KEY TO AE's (Architect-Engineer)

AEC American Electric Power
Service Corporation
BECH Bechtel
B&R Burns & Roe
B&V Black & Veatch
BRRT Brown & Root, Inc.
EBAS Ebasco
G/CA Gilbert/Commonwealth Assoc.
G&H Gibbs & Hill, Inc.
GIL Gilbert Associates

GHD&R Gibbs, Hill, Durham & Richardson
H&N Holmes & Narver
J&M Jackson & Moreland
O Owner
PSE Pioneer Service & Engineering
S&L Sargent & Lundy
SSI Southern Services, Inc.
S&W Stone & Webster
UEC United Engineers & Constructors
VIT Vitro

KEY TO NSSS's (Nuclear Steam System Supplier)

AC Allis-Chalmers
AI Atomics International
B&W Babcock & Wilcox
COMB Combustion Engineering
GE General Electric
GAC General Atomic Corporation
PRDC Power Reactor Development Co.
WEST Westinghouse

Project schedules in this report are in accordance with utility reporting for the fourth quarter 1980.
except for newly ordered and announced units.

Footnotes for tabulation on pages 1 through 21.

- * Initial or current capacity; may differ from that authorized by license.
- ** Date docketed by Nuclear Regulatory Commission.
- *** Future schedular dates are shown in parenthesis.
- CP Construction Permit.
- OL Operating License.
- N/A Not applicable.
- a Fermi 1 - Decision to decommission announced 11/29/72.
- b Pathfinder - Nuclear plant was shut down 10/67.
- c Hallam - Shut down 9/64.
- d Elk River - Shut down 2/68.
- e Peach Bottom 1 - Shut down 11/74.
- f CVTR - Shut down 1/67.
- g Piqua - Shut down for repairs 1/66; operating contract terminated 12/67.
- h BONUS - Decision to decommission announced 6/68. Order to dismantle issued 8/11/69.
- i Indian Point 1 - Shut down since 10/31/74; the operating authority of this unit was revoked on 6/19/80 by the Nuclear Regulatory Commission. The owner is to submit a decommissioning plan within 120 days from said date.
- j Humboldt Bay - Shut down since 7/2/76 for major modification; PG&E announced on 12/19/80 it will withdraw application that would permit it to restart the nuclear unit.
- k Midland Unit 1 will also produce up to 4 million pounds per hour of process steam.
- l Three Mile Island 2 - Shut down since 3/28/79; cleanup operations underway; no decision on future operation.

State Listing of U.S. Central Station Nuclear Electric Generating Units

<u>ALABAMA</u>	# OF UNITS	CAP (NET MWE)	<u>CONNECTICUT</u>	# OF UNITS	CAP (NET MWE)	<u>ILLINOIS</u>	# OF UNITS	CAP (NET MWE)	<u>MARYLAND</u>	# OF UNITS	CAP (NET MWE)
BELLEFONTE #1		1213.0	HADDAM		580.0	CRESCEN #3		794.0	CALVERT CLIFFS #1		845.0
BELLEFONTE #2		1213.0	MILLSTONE #1		660.0	LASALLE #1		1078.0	CALVERT CLIFFS #2		845.0
BROWNS FERRY #1		1065.0	MILLSTONE #2		870.0	LASALLE #2		1078.0			
BROWNS FERRY #2		1065.0	MILLSTONE #3		1156.0	QUAD CITIES #1		789.0	STATE TOTAL	2	1690.0
BROWNS FERRY #3		1065.0				QUAD CITIES #2		789.0			
FARLEY #1		829.0	STATE TOTAL	4	3266.0	ZION #1		1040.0			
FARLEY #2		829.0				ZION #2		1040.0	<u>MAINE</u>	# OF UNITS	CAP (NET MWE)
STATE TOTAL	7	7279.0	<u>FLORIDA</u>	# OF UNITS	CAP (NET MWE)	STATE TOTAL	17	16188.8	MAINE YANKEE		825.0
									STATE TOTAL	1	825.0
<u>ARKANSAS</u>	# OF UNITS	CAP (NET MWE)	CRYSTAL RIVER #3		825.0	<u>INDIANA</u>	# OF UNITS	CAP (NET MWE)			
			ST. LUCIE #1		802.0						
ARKANSAS ONE #1		850.0	ST. LUCIE #2		810.0	BAILLY		643.8	<u>MICHIGAN</u>	# OF UNITS	CAP (NET MWE)
ARKANSAS ONE #2		912.0	TURKEY POINT #3		693.0	MARBLE HILL #1		1130.0			
			TURKEY POINT #4		693.0	MARBLE HILL #2		1130.0	BIG ROCK PT.		72.0
STATE TOTAL	2	1762.0	STATE TOTAL	5	3823.0	STATE TOTAL	3	2903.8	COOK #1		1054.0
									COOK #2		1100.0
<u>ARIZONA</u>	# OF UNITS	CAP (NET MWE)	<u>GEORGIA</u>	# OF UNITS	CAP (NET MWE)	<u>KANSAS</u>	# OF UNITS	CAP (NET MWE)	FERMI #2		1093.0
									MIDLAND #1		460.0
PALO VERDE #1		1270.0	HATCH #1		777.0				MIDLAND #2		811.0
PALO VERDE #2		1270.0	HATCH #2		784.0	WOLF CREEK		1150.0	PALISADES		805.0
PALO VERDE #3		1270.0	VOGTLE #1		1110.0	STATE TOTAL	1	1150.0	STATE TOTAL	7	5395.0
STATE TOTAL	3	3810.0	VOGTLE #2		1110.0						
			STATE TOTAL	4	3781.0	<u>LOUISIANA</u>	# OF UNITS	CAP (NET MWE)	<u>MINNESOTA</u>	# OF UNITS	CAP (NET MWE)
<u>CALIFORNIA</u>	# OF UNITS	CAP (NET MWE)	<u>IOWA</u>	# OF UNITS	CAP (NET MWE)				MONTICELLO		545.0
						RIVER BEND #1		934.0	PRAIRIE ISLAND #1		530.0
DIABLO #1		1084.0	ARNOLD #1		538.0	RIVER BEND #2		934.0	PRAIRIE ISLAND #2		530.0
DIABLO #2		1106.0	VANDALIA		1270.0	WATERFORD #3		1113.0	STATE TOTAL	3	1605.0
HUMBOLDT BAY		65.0				STATE TOTAL	3	2981.0			
RANCHO SECO		918.0	STATE TOTAL	2	1808.0				<u>MISSOURI</u>	# OF UNITS	CAP (NET MWE)
SAN ONOFRE #1		436.0				<u>MASSACHUSETTS</u>	# OF UNITS	CAP (NET MWE)			
SAN ONOFRE #2		1100.0	<u>ILLINOIS</u>	# OF UNITS	CAP (NET MWE)				CALLAWAY #1		1120.0
SAN ONOFRE #3		1100.0				PILGRIM #1		655.0	CALLAWAY #2		1120.0
STATE TOTAL	7	5809.0	BRAIDWOOD #1		1120.0	PILGRIM #2		1150.0	STATE TOTAL	2	2240.0
			BRAIDWOOD #2		1120.0	YANKEE		175.0			
<u>COLORADO</u>	# OF UNITS	CAP (NET MWE)	BYRON #1		1120.0	STATE TOTAL	3	1980.0	<u>MISSISSIPPI</u>	# OF UNITS	CAP (NET MWE)
			BYRON #2		1120.0						
FORT ST. VRAIN		330.0	CARROLL COUNTY #1		1120.0				GRAND GULF #1		1250.0
STATE TOTAL	1	330.0	CARROLL COUNTY #2		1120.0				GRAND GULF #2		1250.0
			CLINTON #1		933.4				YELLOW CRK #1		1285.0
			CLINTON #2		933.4						
			DRESDEN #1		200.0						
			DRESDEN #2		794.0						

State Listing of U.S. Central Station Nuclear Electric Generating Units

<u>MISSISSIPPI</u>		# OF UNITS	CAP (NET MWE)	<u>NEW YORK</u>	# OF UNITS	CAP (NET MWE)	<u>PENNSYLVANIA</u>	# OF UNITS	CAP (NET MWE)	<u>TEXAS</u>	# OF UNITS	CAP (NET MWE)
YELLOW CRK #2			1285.0	FITZPATRICK		821.0	PEACH BOTTOM #3		1065.0			
STATE TOTAL		4	5070.0	GINNA #1		470.0	SHIPPINGPORT		60.0			
				INDIAN POINT #2		873.0	SUSQUEHANNA #1		1050.0	<u>VIRGINIA</u>	# OF	CAP
				INDIAN POINT #3		965.0	SUSQUEHANNA #2		1050.0		UNITS	(NET MWE)
<u>NEBRASKA</u>		# OF	CAP	JAMESPORT 1		1150.0	THREE MILE #1		819.0			
		UNITS	(NET MWE)	JAMESPORT 2		1150.0	THREE MILE #2		906.0	NORTH ANNA #1		907.0
				NEW HAVEN #1		1250.0				NORTH ANNA #2		907.0
COOPER			778.0	NEW HAVEN #2		1250.0	STATE TOTAL	11	9810.0	NORTH ANNA #3		907.0
FORT CALHOUN			490.0	NINE MILE #1		620.0				SURRY #1		822.0
STATE TOTAL		2	1268.0	NINE MILE #2		1099.8	<u>SCUTH CAROLINA</u>	# OF	CAP	STATE TOTAL	5	4365.0
				SHOREHAM		819.0		UNITS	(NET MWE)			
				STATE TOTAL	11	10467.8						
<u>NORTH CAROLINA</u>		# OF	CAP	<u>OHIO</u>	# OF	CAP	CATAWBA #1		1145.0			
		UNITS	(NET MWE)		UNITS	(NET MWE)	CATAWBA #2		1145.0	<u>VERMONT</u>	# OF	CAP
BRUNSWICK #1			821.0				CHERCKEE 1		1280.0		UNITS	(NET MWE)
BRUNSWICK #2			821.0	DAVIS-BESSE #1		906.0	CHERCKEE 2		1280.0	VERMONT YANKEE		514.0
HARRIS #1			900.0	PERRY #1		1205.0	CHERCKEE 3		1280.0			
HARRIS #2			900.0	PERRY #2		1205.0	CCONEE #1		887.0	STATE TOTAL	1	514.0
HARRIS #3			900.0	ZIMMER #1		810.0	CCONEE #2		887.0			
HARRIS #4			900.0	STATE TOTAL	4	4126.0	CCONEE #3		887.0	<u>WASHINGTON</u>	# OF	CAP
MCGUIRE #1			1180.0				ROBINSON #2		700.0		UNITS	(NET MWE)
MCGUIRE #2			1180.0	<u>OKLAHOMA</u>	# OF	CAP	SUMMER		900.0			
PERKINS 1			1280.0		UNITS	(NET MWE)	STATE TOTAL	10	10391.0	N REACTOR		850.0
PERKINS 2			1280.0	BLACK FOX #1		1150.0				SKAGIT #1		1277.0
PERKINS 3			1280.0	BLACK FOX #2		1150.0	<u>TENNESSEE</u>	# OF	CAP	SKAGIT #2		1277.0
STATE TOTAL		11	11442.0	STATE TOTAL	2	2300.0		UNITS	(NET MWE)	WPPSS PROJECT #1		1218.0
<u>NEW HAMPSHIRE</u>		# OF	CAP				CLINCH RIVER		350.0	WPPSS PROJECT #2		1093.0
		UNITS	(NET MWE)	<u>OREGON</u>	# OF	CAP	HARTSVILLE A-1		1233.0	WPPSS PROJECT #3		1240.0
SEABROOK #1			1200.0		UNITS	(NET MWE)	HARTSVILLE A-2		1233.0	WPPSS PROJECT #4		1218.0
SEABROOK #2			1200.0	PEBBLE SPRINGS #1		1260.0	HARTSVILLE B-1		1233.0	WPPSS PROJECT #5		1240.0
STATE TOTAL		2	2400.0	PEBBLE SPRINGS #2		1260.0	HARTSVILLE B-2		1233.0	STATE TOTAL	8	9413.0
				TROJAN #1		1130.0	PHIP BEND 1		1233.0			
<u>NEW JERSEY</u>		# OF	CAP	STATE TOTAL	3	3650.0	PHIP BEND 2		1233.0	<u>WISCONSIN</u>	# OF	CAP
		UNITS	(NET MWE)				SEQUOYAH #1		1140.0		UNITS	(NET MWE)
HOPE CREEK #1			1067.0	<u>PENNSYLVANIA</u>	# OF	CAP	SEQUOYAH #2		1148.0	KEMAUNEE #1		535.0
HOPE CREEK #2			1067.0		UNITS	(NET MWE)	WATTS BAR #1		1177.0	LACROSSE		50.0
OYSTER CREEK			650.0	BEAVER VALLEY #1		852.0	WATTS BAR #2		1177.0	POINT BEACH #1		497.0
SALEM #1			1090.0	BEAVER VALLEY #2		833.0	STATE TOTAL	11	12390.0	POINT BEACH #2		497.0
SALEM #2			1115.0	LIMERICK #1		1055.0				STATE TOTAL	4	1579.0
STATE TOTAL		5	4989.0	LIMERICK #2		1055.0	ALLEN'S CREEK #1		1150.0			
				PEACH BOTTOM #2		1065.0	COMANCHE #1		1111.0			
							COMANCHE #2		1111.0			
							SOUTH TEXAS #1		1250.0			
							SOUTH TEXAS #2		1250.0			
							STATE TOTAL	5	5872.0			

Regional Listing of U.S. Central Station Nuclear Electric Generating Units

REGION 1 (NE)	# OF UNITS	CAP (NET MWE)	REGION 2 (MA)	# OF UNITS	CAP (NET MWE)	REGION 3 (SA)	# OF UNITS	CAP (NET MWE)	REGION 4 (ENC)	# OF UNITS	CAP (NET MWE)
OPERABLE			OPERABLE			OPERABLE			OPERABLE		
FITZPATRICK		821.0	BEAVER VALLEY #1		852.0	BRUNSWICK #1		821.0	BIG ROCK PT.		72.0
GINNA #1		470.0	CALVERT CLIFFS #1		845.0	BRUNSWICK #2		821.0	COOK #1		1054.0
HADDAM		580.0	CALVERT CLIFFS #2		845.0	CRYSTAL RIVER #3		825.0	COOK #2		1100.0
INDIAN POINT #2		873.0	OYSTER CREEK		650.0	HATCH #1		777.0	DAVIS-BESSE #1		906.0
INDIAN POINT #3		965.0	PEACH BOTTOM #2		1065.0	HATCH #2		784.0	DRESDEN #1		200.0
MAINE YANKEE		825.0	PEACH BOTTOM #3		1065.0	NORTH ANNA #1		907.0	DRESDEN #2		794.0
MILLSTONE #1		660.0	SALEM #1		1090.0	NORTH ANNA #2		907.0	DRESDEN #3		794.0
MILLSTONE #2		870.0	SALEM #2		1115.0	OCONEE #1		887.0	KEWAUNEE #1		535.0
NINE MILE #1		620.0	SHIPPINGPORT		60.0	OCONEE #2		887.0	LACROSSE		50.0
PILGRIM #1		655.0	THREE MILE #1		819.0	OCONEE #3		887.0	PALISADES		805.0
VERMONT YANKEE		514.0	THREE MILE #2		906.0	FOBINSON #2		700.0	POINT BEACH #1		497.0
YANKEE		175.0	STATUS TOTAL	11	9312.0	ST. LUCIE #1		802.0	POINT BEACH #2		497.0
STATUS TOTAL	12	8028.0				SURRY #1		822.0	QUAD CITIES #1		789.0
BEING BUILT			BEING BUILT			SURRY #2		822.0	QUAD CITIES #2		789.0
			BEAVER VALLEY #2		833.0	TURKEY POINT #3		693.0	ZION #1		1040.0
JAMESPORT 1		1150.0	HOPE CREEK #1		1067.0	TURKEY POINT #4		693.0	ZION #2		1040.0
JAMESPORT 2		1150.0	HOPE CREEK #2		1067.0	STATUS TOTAL	16	13035.0	STATUS TOTAL	16	10962.0
MILLSTONE #3		1156.0	LIMERICK #1		1055.0	BEING BUILT			BEING BUILT		
NINE MILE #2		1099.8	LIMERICK #2		1055.0						
SEABROOK #1		1200.0	SUSQUEHANNA #1		1050.0	CATAWBA #1		1145.0	BAILLY		643.8
SEABROOK #2		1200.0	SUSQUEHANNA #2		1050.0	CATAWBA #2		1145.0	BRAIDWOOD #1		1120.0
SHOREHAM		819.0	STATUS TOTAL	7	7177.0	CHEROKEE 1		1280.0	BRAIDWOOD #2		1120.0
STATUS TOTAL	7	7774.8	REGIONAL TOTAL	18	16489.0	CHEROKEE 2		1280.0	BYRON #1		1120.0
ORDERED			ORDERED			CHEROKEE 3		1280.0	BYRON #2		1120.0
NEW HAVEN #1		1250.0				HARRIS #1		900.0	CLINTON #1		933.4
NEW HAVEN #2		1250.0				HARRIS #2		900.0	CLINTON #2		933.4
PILGRIM #2		1150.0				HARRIS #3		900.0	FERMI #2		1093.0
STATUS TOTAL	3	3650.0				HARRIS #4		900.0	LASALLE #1		1078.0
REGIONAL TOTAL	22	19452.8				PCGUIRE #1		1180.0	LASALLE #2		1078.0
						PCGUIRE #2		1180.0	MARBLE HILL #1		1130.0
						NORTH ANNA #3		907.0	MARBLE HILL #2		1130.0
						ST. LUCIE #2		810.0	MIDLAND #1		460.0
						SUMMER		900.0	MIDLAND #2		811.0
						VOGTLE #1		1110.0	PERRY #1		1205.0
						VOGTLE #2		1110.0	PERRY #2		1205.0
						STATUS TOTAL	16	16927.0	ZIMMER #1		810.0
									STATUS TOTAL	17	16990.6
						ORDERED			ORDERED		
						FERKINS 1		1280.0			
						FERKINS 2		1280.0	CARROLL COUNTY #1		1120.0
						FERKINS 3		1280.0	CARROLL COUNTY #2		1120.0
						STATUS TOTAL	3	3840.0	STATUS TOTAL	2	2240.0
						REGIONAL TOTAL	35	33802.0	REGIONAL TOTAL	35	30192.6

Regional Listing of U.S. Central Station Nuclear Electric Generating Units

REGION 5 (WNC)	# OF UNITS	CAP (NET MWE)	REGION 6 (ESC)	# OF UNITS	CAP (NET MWE)	REGION 7 (WSC)	# OF UNITS	CAP (NET MWE)	REGION 8 (RM)	# OF UNITS	CAP (NET MWE)
OPERABLE			OPERABLE			OPERABLE			OPERABLE		
ARNOLD #1		538.0	BROWNS FERRY #1		1065.0	ARKANSAS ONE #1		850.0	FORT ST. VRAIN		330.0
COOPER		778.0	BROWNS FERRY #2		1065.0	ARKANSAS ONE #2		512.0	STATUS TOTAL	1	330.0
FORT CALHOUN		490.0	BROWNS FERRY #3		1065.0	STATUS TOTAL	2	1762.0	BEING BUILT		
MONTICELLO		545.0	FARLEY #1		829.0	BEING BUILT			PALO VERDE #1		1270.0
PRAIRIE ISLAND #1		530.0	FARLEY #2		829.0	BLACK FOX #1		1150.0	PALO VERDE #2		1270.0
PRAIRIE ISLAND #2		530.0	SEQUOYAH #1		1140.0	BLACK FOX #2		1150.0	PALO VERDE #3		1270.0
STATUS TOTAL	6	3411.0	STATUS TOTAL	6	5993.0	CCMANCHE #1		1111.0	STATUS TOTAL	3	3810.0
BEING BUILT			BEING BUILT			COMANCHE #2		1111.0	REGIONAL TOTAL	4	4140.0
CALLAWAY #1		1120.0	BELLEFONTE #1		1213.0	RIVER BEND #1		934.0			
CALLAWAY #2		1120.0	BELLEFONTE #2		1213.0	RIVER BEND #2		934.0			
WOLF CREEK		1150.0	GRAND GULF #1		1250.0	SOUTH TEXAS #1		1250.0			
STATUS TOTAL	3	3390.0	GRAND GULF #2		1250.0	SOUTH TEXAS #2		1250.0			
ORDERED			HARTSVILLE A-1		1233.0	WATERFORD #3		1113.0			
VANDALIA		1270.0	HARTSVILLE A-2		1233.0	STATUS TOTAL	9	10003.0			
STATUS TOTAL	1	1270.0	HARTSVILLE B-1		1233.0	ORDERED					
REGIONAL TOTAL	10	8071.0	HARTSVILLE B-2		1233.0	ALLEN'S CREEK #1		1150.0			
			PHIP BEND 1		1233.0	STATUS TOTAL	1	1150.0			
			PHIP BEND 2		1233.0	REGIONAL TOTAL	12	12915.0			
			SEQUOYAH #2		1148.0						
			WATTS BAR #1		1177.0				HUMBOLDT BAY		65.0
			WATTS BAR #2		1177.0				4 REACTOR		850.0
			YELLOW CRK #1		1285.0				ANCHOR SECO		918.0
			YELLOW CRK #2		1285.0				SAN ONOFRE #1		436.0
			STATUS TOTAL	15	18396.0				TROJAN #1		1130.0
			ORDERED						STATUS TOTAL	5	3399.0
			CLINCH RIVER		350.0				BEING BUILT		
			STATUS TOTAL	1	350.0				DIABLO #1		1084.0
			REGIONAL TOTAL	22	24739.0				DIABLO #2		1106.0
									SAN ONOFRE #2		1100.0
									SAN ONOFRE #3		1100.0
									WPPSS PROJECT #1		1218.0
									WPPSS PROJECT #2		1093.0
									WPPSS PROJECT #3		1240.0
									WPPSS PROJECT #4		1218.0
									WPPSS PROJECT #5		1240.0
									STATUS TOTAL	9	10399.0
									ORDERED		
									PEARLE SPRINGS #1		1260.0
									PEARLE SPRINGS #2		1260.0
									SKAGIT #1		1277.0
									SKAGIT #2		1277.0
									STATUS TOTAL	4	5074.0
									REGIONAL TOTAL	18	18872.0

Utility Listing of U.S. Central Station Nuclear Electric Generating Units*

	# OF UNITS	CAP(NET) MWE	CONSTR % COMPLETE
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ALABAMA POWER CO. OPERABLE

FARLEY #1		829.0	
FARLEY #2		829.0	
STATUS TOTAL	2	1658.0	
UTILITY TOTAL	2	1658.0	

ARIZONA PUBLIC SERVICE CO BEING BUILT

PALO VERDE #1		1270.0	80.6
PALO VERDE #2		1270.0	50.0
PALO VERDE #3		1270.0	15.6
STATUS TOTAL	3	3810.0	
UTILITY TOTAL	3	3810.0	

ARKANSAS POWER & LIGHT CO. OPERABLE

ARKANSAS ONE #1		850.0	
ARKANSAS ONE #2		912.0	
STATUS TOTAL	2	1762.0	
UTILITY TOTAL	2	1762.0	

BALTIMORE GAS & ELECTRIC CO OPERABLE

CALVERT CLIFFS #1		845.0	
CALVERT CLIFFS #2		845.0	
STATUS TOTAL	2	1690.0	
UTILITY TOTAL	2	1690.0	

BOSTON EDISON CO OPERABLE

PILGRIM #1		655.0	
STATUS TOTAL	1	655.0	

*Utility listing is by lead utility. Other owners, if any, are identified in status listing (p. 2-19)

	# OF UNITS	CAP(NET) MWE	CONSTR % COMPLETE
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BOSTON EDISON CO OPERABLE

ORDERED

PILGRIM #2		1150.0	
STATUS TOTAL	1	1150.0	
UTILITY TOTAL	2	1805.0	

CAROLINA POWER & LIGHT CO OPERABLE

BRUNSWICK #1		821.0	
BRUNSWICK #2		821.0	
ROBINSON #2		700.0	
STATUS TOTAL	3	2342.0	

BEING BUILT

HARRIS #1		900.0	35.3
HARRIS #2		900.0	3.7
HARRIS #3		900.0	1.0
HARRIS #4		900.0	1.0
STATUS TOTAL	4	3600.0	
UTILITY TOTAL	7	5942.0	

CINCINNATI GAS & ELECTRIC CO BEING BUILT

ZIMMER #1		810.0	94.7
STATUS TOTAL	1	810.0	
UTILITY TOTAL	1	810.0	

Utility Listing of U.S. Central Station Nuclear Electric Generating Units

	# OF UNITS	CAP(NET) MWE	CONSTR % COMPLETE

COMMONWEALTH EDISON CO			
OPERABLE			
DRESDEN #1		200.0	.0
DRESDEN #2		794.0	.0
DRESDEN #3		794.0	.0
QUAD. CITIES #1		789.0	.0
QUAD. CITIES #2		789.0	.0
ZION #1		1040.0	.0
ZION #2		1040.0	.0
STATUS TOTAL	7	5446.0	

BEING BUILT

BRAIDWOOD #1		1120.0	56.0
BRAIDWOOD #2		1120.0	.0
BYRON #1		1120.0	73.0
BYRON #2		1120.0	59.0
LASALLE #1		1078.0	99.0
LASALLE #2		1078.0	81.0
STATUS TOTAL	6	6636.0	

ORDERED

CARROLL COUNTY #1		1120.0	
CARROLL COUNTY #2		1120.0	
STATUS TOTAL	2	2240.0	
UTILITY TOTAL	15	14322.0	

CONNECTICUT LIGHT & POWER CO

OPERABLE			
MILLSTONE #1		660.0	
MILLSTONE #2		870.0	
STATUS TOTAL	2	1530.0	

BEING BUILT

MILLSTONE #3		1156.0	33.3
STATUS TOTAL	1	1156.0	
UTILITY TOTAL	3	2686.0	

CONNECTICUT YANKEE ATOMIC POWER CO

OPERABLE			
HADDAM		580.0	
STATUS TOTAL	1	580.0	
UTILITY TOTAL	1	580.0	

CONSOLIDATED EDISON CO

OPERABLE			
INDIAN POINT #2		873.0	
STATUS TOTAL	1	873.0	
UTILITY TOTAL	1	873.0	

CONSUMERS POWER CO

OPERABLE			
BIG ROCK PT.		72.0	
PALISADES		805.0	
STATUS TOTAL	2	877.0	

BEING BUILT

MIDLAND #1		460.0	58.0
MIDLAND #2		811.0	58.0
STATUS TOTAL	2	1271.0	
UTILITY TOTAL	4	2148.0	

Utility Listing of U.S. Central Station Nuclear Electric Generating Units

	# OF UNITS	CAP(NET) MWE	CONSTR % COMPLETE
DAIRYLAND POWER COOPERATIVE OPERABLE			
LACROSSE		50.0	
STATUS TOTAL	1	50.0	
UTILITY TOTAL	1	50.0	

DALLAS POWER & LIGHT CO BEING BUILT			
COMANCHE #1		1111.0	86.0
COMANCHE #2		1111.0	50.0
STATUS TOTAL	2	2222.0	
UTILITY TOTAL	2	2222.0	

DETROIT EDISON CO BEING BUILT			
FERMI #2		1093.0	79.4
STATUS TOTAL	1	1093.0	
UTILITY TOTAL	1	1093.0	

DUKE POWER CO OPERABLE			
OCONEE #1		887.0	
OCONEE #2		887.0	
OCONEE #3		887.0	
STATUS TOTAL	3	2661.0	

BEING BUILT			
CATAWBA #1		1145.0	76.0
CATAWBA #2		1145.0	16.7
CHEROKEE 1		1280.0	17.0
CHEROKEE 2		1280.0	1.0
CHEROKEE 3		1280.0	

BEING BUILT			
MCGUIRE #1		1180.0	99.0
MCGUIRE #2		1180.0	89.0
STATUS TOTAL	7	8490.0	

ORDERED			
PERKINS 1		1280.0	
PERKINS 2		1280.0	
PERKINS 3		1280.0	
STATUS TOTAL	3	3840.0	
UTILITY TOTAL	13	14991.0	

DUQUESNE LIGHT CO OPERABLE			
BEAVER VALLEY #1		852.0	
STATUS TOTAL	1	852.0	
UTILITY TOTAL	1	852.0	

DUQUESNE LIGHT CO & DOE OPERABLE			
SHIPPINGPORT		60.0	
STATUS TOTAL	1	60.0	
UTILITY TOTAL	1	60.0	

FLORIDA POWER & LIGHT CO OPERABLE			
ST. LUCIE #1		802.0	
TURKEY POINT #3		693.0	
TURKEY POINT #4		693.0	
STATUS TOTAL	3	2188.0	

Utility Listing of U.S. Central Station Nuclear Electric Generating Units

	# OF UNITS	CAP(NET) MWE	CONSTR % COMPLETE
BEING BUILT			
ST. LUCIE #2		810.0	59.2
STATUS TOTAL	1	810.0	
UTILITY TOTAL	4	2998.0	

FLORIDA POWER CORP & OTHERS OPERABLE

CRYSTAL RIVER #3		825.0	
STATUS TOTAL	1	825.0	
UTILITY TOTAL	1	825.0	

GEORGIA POWER CO OPERABLE

HATCH #1		777.0	
HATCH #2		784.0	
STATUS TOTAL	2	1561.0	

BEING BUILT

VOGTLE #1		1110.0	18.0
VOGTLE #2		1110.0	5.0
STATUS TOTAL	2	2220.0	
UTILITY TOTAL	4	3781.0	

GULF STATES UTILITIES CO BEING BUILT

RIVER BEND #1		934.0	26.6
RIVER BEND #2		934.0	5.0
STATUS TOTAL	2	1868.0	
UTILITY TOTAL	2	1868.0	

HOUSTON LIGHTING & POWER CO BEING BUILT

SOUTH TEXAS #1		1250.0	60.6
SOUTH TEXAS #2		1250.0	23.3
STATUS TOTAL	2	2500.0	

ORDERED

ALLEN'S CREEK #1		1150.0	
STATUS TOTAL	1	1150.0	
UTILITY TOTAL	3	3650.0	

ILLINOIS POWER COMPANY BEING BUILT

CLINTON #1		933.4	73.0
CLINTON #2		933.4	3.0
STATUS TOTAL	2	1866.8	
UTILITY TOTAL	2	1866.8	

INDIANA & MICHIGAN POWER CO OPERABLE

COOK #1		1054.0	
COOK #2		1100.0	
STATUS TOTAL	2	2154.0	
UTILITY TOTAL	2	2154.0	

ICWA ELECTRIC LIGHT & POWER CO OPERABLE

ARNOLD #1		538.0	
STATUS TOTAL	1	538.0	
UTILITY TOTAL	1	538.0	

Utility Listing of U. S. Central Station Nuclear Electric Generating Units

	# OF UNITS	CAP(NET) MWE	CONSTR % COMPLETE
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IOWA POWER & LIGHT CO. ORDERED

VANDALIA		1270.0	
STATUS TOTAL	1	1270.0	
UTILITY TOTAL	1	1270.0	

JERSEY CENTRAL POWER & LIGHT CO OPERABLE

OYSTER CREEK		650.0	
STATUS TOTAL	1	650.0	
UTILITY TOTAL	1	650.0	

KANSAS GAS & ELECTRIC CO BEING BUILT

WOLF CREEK		1150.0	70.0
STATUS TOTAL	1	1150.0	
UTILITY TOTAL	1	1150.0	

LONG ISLAND LIGHTING CO BEING BUILT

JAMESPORT 1		1150.0	
JAMESPORT 2		1150.0	
SHOREHAM		819.0	88.0
STATUS TOTAL	3	3119.0	
UTILITY TOTAL	3	3119.0	

LOUISIANA POWER & LIGHT CO BEING BUILT

WATERFORD #3		1113.0	81.9
STATUS TOTAL	1	1113.0	
UTILITY TOTAL	1	1113.0	

	# OF UNITS	CAP(NET) MWE	CONSTR % COMPLETE
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MAINE YANKEE ATOMIC POWER CO OPERABLE

MAINE YANKEE		825.0	
STATUS TOTAL	1	825.0	
UTILITY TOTAL	1	825.0	

METROPOLITAN EDISON CO OPERABLE

THREE MILE #1		819.0	
THREE MILE #2		906.0	
STATUS TOTAL	2	1725.0	
UTILITY TOTAL	2	1725.0	

MISSISSIPPI POWER & LIGHT CO BEING BUILT

GRAND GULF #1		1250.0	86.0
GRAND GULF #2		1250.0	24.0
STATUS TOTAL	2	2500.0	
UTILITY TOTAL	2	2500.0	

NEBRASKA PUBLIC POWER DISTRICT OPERABLE

COOPER		778.0	
STATUS TOTAL	1	778.0	
UTILITY TOTAL	1	778.0	

NEW YORK STATE ELECTRIC & GAS CO ORDERED

NEW HAVEN #1		1250.0	
NEW HAVEN #2		1250.0	
STATUS TOTAL	2	2500.0	
UTILITY TOTAL	2	2500.0	

Utility Listing of U.S. Central Station Nuclear Electric Generating Units

	# OF UNITS	CAP(NET) MWE	CONSTR % COMPLETE

NEW YORK STATE ELECTRIC & GAS CO ORDERED			

NIAGARA MOHAWK POWER CORP OPERABLE			
NINE MILE #1		620.0	
STATUS TOTAL	1	620.0	
BEING BUILT			
NINE MILE #2		1099.8	29.5
STATUS TOTAL	1	1099.8	
UTILITY TOTAL	2	1719.8	

INDIANA PUBLIC SERVICE CO BEING BUILT			
BAILLY		643.8	.5
STATUS TOTAL	1	643.8	
UTILITY TOTAL	1	643.8	

NORTHERN STATES POWER CO OPERABLE			
MONTICELLO		545.0	
PRAIRIE ISLAND #1		530.0	
PRAIRIE ISLAND #2		530.0	
STATUS TOTAL	3	1605.0	
UTILITY TOTAL	3	1605.0	

	# OF UNITS	CAP(NET) MWE	CONSTR % COMPLETE

OHIO EDISON CO BEING BUILT			
BEAVER VALLEY #2		833.0	41.6
PERRY #1		1205.0	67.9
PERRY #2		1205.0	50.5
STATUS TOTAL	3	3243.0	
UTILITY TOTAL	3	3243.0	

OMAHA PUBLIC POWER DISTRICT OPERABLE			
FORT CALHOUN		490.0	
STATUS TOTAL	1	490.0	
UTILITY TOTAL	1	490.0	

PACIFIC GAS & ELECTRIC CO OPERABLE			
HUMBOLDT BAY		65.0	
STATUS TOTAL	1	65.0	
BEING BUILT			
DIABLO #1		1084.0	98.1
DIABLO #2		1106.0	89.4
STATUS TOTAL	2	2190.0	
UTILITY TOTAL	3	2255.0	

PENNSYLVANIA POWER & LIGHT CO BEING BUILT			
SUSQUEHANNA #1		1050.0	87.0
SUSQUEHANNA #2		1050.0	55.0
STATUS TOTAL	2	2100.0	
UTILITY TOTAL	2	2100.0	

Utility Listing of U. S. Central Station Nuclear Electric Generating Units

	# OF UNITS	CAP(NET) MWE	CONSTR % COMPLETE

PHILADELPHIA ELECTRIC CO OPERABLE			
PEACH BOTTOM #2		1065.0	
PEACH BOTTOM #3		1065.0	
STATUS TOTAL	2	2130.0	
BEING BUILT			
LIMERICK #1		1055.0	57.6
LIMERICK #2		1055.0	26.6
STATUS TOTAL	2	2110.0	
UTILITY TOTAL	4	4240.0	

PORTLAND GENERAL ELECTRIC CO OPERABLE			
TROJAN #1		1130.0	
STATUS TOTAL	1	1130.0	
ORDERED			
PEBBLE SPRINGS #1		1260.0	
PEBBLE SPRINGS #2		1260.0	
STATUS TOTAL	2	2520.0	
UTILITY TOTAL	3	3650.0	

POWER AUTHORITY OF STATE OF NEW YORK OPERABLE			
FITZPATRICK		821.0	
INDIAN POINT #3		965.0	
STATUS TOTAL	2	1786.0	
UTILITY TOTAL	2	1786.0	

	# OF UNITS	CAP(NET) MWE	CONSTR % COMPLETE

PUBLIC SERVICE CO OF COLORADO OPERABLE			
FORT ST. VRAIN		330.0	
STATUS TOTAL	1	330.0	
UTILITY TOTAL	1	330.0	

PUBLIC SERVICE CO OF INCIANA BEING BUILT			
MARBLE HILL #1		1130.0	23.0
MARBLE HILL #2		1130.0	10.0
STATUS TOTAL	2	2260.0	
UTILITY TOTAL	2	2260.0	

PUBLIC SERVICE CO OF NEW HAMPSHIRE BEING BUILT			
SEABROOK #1		1200.0	39.7
SEABROOK #2		1200.0	7.5
STATUS TOTAL	2	2400.0	
UTILITY TOTAL	2	2400.0	

PUBLIC SERVICE CO OF OKLAHCMA BEING BUILT			
BLACK FOX #1		1150.0	2.0
BLACK FOX #2		1150.0	.5
STATUS TOTAL	2	2300.0	
UTILITY TOTAL	2	2300.0	

PUBLIC SERVICE ELECTRIC & GAS CO OPERABLE			
SALEM #1		1090.0	
SALEM #2		1115.0	
STATUS TOTAL	2	2205.0	

Utility Listing of U. S. Central Station Nuclear Electric Generating Units

	# OF UNITS	CAP(NET) MWE	CONSTR % COMPLETE
BEING BUILT			
HOPE CREEK #1		1067.0	24.0
HOPE CREEK #2		1067.0	
STATUS TOTAL	2	2134.0	
UTILITY TOTAL	4	4339.0	

PUGET SOUND POWER & LIGHT CO ORDERED

SKAGIT #1		1277.0	
SKAGIT #2		1277.0	
STATUS TOTAL	2	2554.0	
UTILITY TOTAL	2	2554.0	

ROCHESTER GAS & ELECTRIC CORP OPERABLE

GINNA #1		470.0	
STATUS TOTAL	1	470.0	
UTILITY TOTAL	1	470.0	

SACRAMENTO MUNICIPAL UTILITY DISTRICT OPERABLE

RANCHO SECO		918.0	
STATUS TOTAL	1	918.0	
UTILITY TOTAL	1	918.0	

SO CALIFORNIA EDISON CO OPERABLE

SAN ONOFRE #1		436.0	
STATUS TOTAL	1	436.0	

BEING BUILT

SAN ONOFRE #2		1100.0	97.0
SAN ONOFRE #3		1100.0	69.0
STATUS TOTAL	2	2200.0	
UTILITY TOTAL	3	2636.0	

SO CAROLINA ELECTRIC & GAS CO BEING BUILT

SUMMER		900.0	96.7
STATUS TOTAL	1	900.0	
UTILITY TOTAL	1	900.0	

TENNESSEE VALLEY AUTHORITY OPERABLE

BROWNS FERRY #1		1065.0	
BROWNS FERRY #2		1065.0	
BROWNS FERRY #3		1065.0	
SEQUOYAH #1		1140.0	
STATUS TOTAL	4	4335.0	

BEING BUILT

BELLEFONTE #1		1213.0	75.0
BELLEFONTE #2		1213.0	57.0
HARTSVILLE A-1		1233.0	31.0
HARTSVILLE A-2		1233.0	23.0
HARTSVILLE B-1		1233.0	
HARTSVILLE B-2		1233.0	
PHIP BEND 1		1233.0	59.0
PHIP BEND 2		1233.0	4.0
SEQUOYAH #2		1148.0	96.0
WATTS BAR #1		1177.0	83.0
WATTS BAR #2		1177.0	70.0
YELLOW CRK #1		1285.0	18.0
YELLOW CRK #2		1285.0	
STATUS TOTAL	13	15896.0	
UTILITY TOTAL	17	20231.0	

Utility Listing of U.S. Central Station Nuclear Electric Generating Units

OF CAP(NET) CONSTR %
UNITS MWE COMPLETE

OF CAP(NET) CONSTR %
UNITS MWE COMPLETE

BEING BUILT

TOLEDO EDISON CO OPERABLE

DAVIS-BESSE #1		906.0	
STATUS TOTAL	1	906.0	
UTILITY TOTAL	1	906.0	

UNION ELECTRIC CO BEING BUILT

CALLAWAY #1		1120.0	74.6
CALLAWAY #2		1120.0	.7
STATUS TOTAL	2	2240.0	
UTILITY TOTAL	2	2240.0	

UNITED STATES GOVERNMENT ORDERED

CLINCH RIVER		350.0	
STATUS TOTAL	1	350.0	
UTILITY TOTAL	1	350.0	

VERMONT YANKEE NUCLEAR POWER CORP OPERABLE

VERMONT YANKEE		514.0	
STATUS TOTAL	1	514.0	
UTILITY TOTAL	1	514.0	

VIRGINIA ELECTRIC & POWER CO OPERABLE

NORTH ANNA #1		907.0	
NORTH ANNA #2		907.0	
SURRY #1		822.0	
SURRY #2		822.0	
STATUS TOTAL	4	3458.0	

BEING BUILT

NORTH ANNA #3		907.0	7.0
STATUS TOTAL	1	907.0	
UTILITY TOTAL	5	4365.0	

WA PUBLIC POWER SUPPLY SYSTEM & DOE OPERABLE

N REACTOR		850.0	
STATUS TOTAL	1	850.0	
UTILITY TOTAL	1	850.0	

WASHINGTON PUBLIC POWER SUPPLY SYSTEM BEING BUILT

WPPSS PROJECT #1		1218.0	42.6
WPPSS PROJECT #2		1093.0	85.3
WPPSS PROJECT #3		1240.0	24.8
WPPSS PROJECT #4		1218.0	15.2
WPPSS PROJECT #5		1240.0	10.0
STATUS TOTAL	5	6009.0	
UTILITY TOTAL	5	6009.0	

WISCONSIN ELECTRIC POWER CO OPERABLE

POINT BEACH #1		497.0	
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Utility Listing of U. S. Central Station Nuclear Electric Generating Units

# OF UNITS	CAP(NET) MWE	CONSTR % COMPLETE
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WISCONSIN ELECTRIC POWER CO OPERABLE

POINT BEACH #2		497.0
STATUS TOTAL	2	994.0
UTILITY TOTAL	2	994.0

WISCONSIN PUBLIC SERVICE CORP OPERABLE

KEMAUNEE #1		535.0
STATUS TOTAL	1	535.0
UTILITY TOTAL	1	535.0

YANKEE ATOMIC ELECTRIC CO OPERABLE

YANKEE		175.0
STATUS TOTAL	1	175.0
UTILITY TOTAL	1	175.0

STATUS OF U.S. CENTRAL STATION NUCLEAR CAPACITY ^{1/}

STATUS	NO. OF UNITS	CAPACITY ^{2/} MWE (NET)
OPERABLE ^{3/}		
LICENSED BY NRC	73	55,322.0
AUTHORIZED BY DOE ^{4/}	2	910.0
BEING BUILT		
CONSTRUCTION PERMIT	84	92,567.4
LIMITED WORK AUTHORIZATION	2	2,300.0
ORDERED	15	17,574.0
 TOTAL	 176	 168,673.4

^{1/} As of January 1, 1981.

^{2/} The latest changes in unit power capacity have been incorporated here and in the foregoing listing of nuclear units.

^{3/} Includes the following units:

- Humboldt Bay, 65 MWe, shut down 7/2/75 pending a decision on making seismic modifications.
- Dresden 1, 200 MWe, shut down 10/31/78 for upgrading of its emergency core cooling system and for chemical cleaning; outage expected to last through mid-1986.
- Three Mile Island 1, 819 MWe, shut down in accordance with an NRC restraining order pending completion of modifications and other actions related to the accident at Three Mile Island 2.
- Three Mile Island 2, 906 MWe, shut down since the accident on 3/28/79.
- Salem 2, 1115 MWe and Farley 2, 829 MWe, which as of 1/1/81 were authorized to load fuel, proceed to criticality, and perform low power testing.

Does not include Indian Point 1, rated at 265 MWe; the operating authority of this unit was revoked on 6/19/80 by the NRC.

^{4/} Shippingport (60 MWe) and N Reactor (860 MWe).

U.S. UTILITY NUCLEAR STEAM SUPPLY SYSTEM ORDERS 1/, 2//
NO. OF UNITS AND MWE NET CAPACITY

	NO.	GE MWE	WESTINGHOUSE NO. MWE	NO.	B&W MWE	NO.	COMB. MWE	NO.	TOTALS <u>3/</u> MWE	
THRU 1965	8	3,716.0	7	3,287.0				18	8,233.0	
1966	9	7,691.0	6	5,015.0	3	2,593.0	2	1,295.0	20	16,594.0
1967	7	6,192.8	13	10,858.0	5	4,386.0	5	4,187.0	30	25,623.8
1968	7	6,194.0	4	4,524.0	3	2,177.0			14	12,895.0
1969	3	2,944.0	3	3,189.0					6	6,133.0
1970	3	2,940.0	4	4,090.0	2	2,426.0	4	4,225.0	13	13,681.0
1971	2	2,192.8	10	9,793.0	1	907.0			13	12,892.8
1972	9	10,776.0	9	9,502.0	1	1,218.0	2	1,960.0	21	23,456.0
1973	7	7,527.8	7	8,196.0	1	1,260.0	10	12,730.0	25	29,713.8
1974	3	3,743.0	3	3,410.0	2	2,478.0	3	3,810.0	11	13,441.0
1976					1	1,270.0			1	1,270.0
1977							2	2,500.0	2	2,500.0
1978			2	2,240.0					2	2,240.0
	58	53,917.4	68	64,104.0	19	18,715.0	28	30,707.0	176	168,673.4

1/ As of January 1, 1981.

2/ Does not include units ordered and cancelled prior to 1-1-81.

3/ Includes three units ordered from "Other" contractors prior to 1965 totaling 1230 MWe; does not include eight units totaling 301.3 MWe permanently shut down. Does not include Indian Point 1, rated at 265 MWe; the operating authority of this unit was revoked on 6/19/80 by the Nuclear Regulatory Commission.

SCHEDULE OF COMMERCIAL OPERATION ^{1, 2/}

YEAR	MWE NET ANNUAL	CUMULATIVE	NO. OF UNITS ANNUAL	CUMULATIVE
THRU 1975		37,172.0		54
1976	3,749.0	40,921.0	4	58
1977	6,381.0	47,302.0	7	65
1978	2,913.0	50,215.0	3	68
1979	1,114.0	51,329.0	2	70
1980	1,819.0	53,148.0	2	72
1981	6,448.0	59,596.0	6	78
1982	11,888.0	71,484.0	11	89
1983	13,898.4	85,382.4	13	102
1984	9,996.0	95,378.4	9	111
1985	10,571.0	105,949.4	10	121
1986	13,846.8	119,796.2	12	133
1987	5,645.0	125,441.2	5	138
1988	7,826.4	133,307.6	7	145
1989	7,383.8	140,691.4	7	152
1990 ON	19,144.0	159,835.4	16	168
INDEFINITE	8,818.0	168,673.4	8	176

^{1/} Based on information as of December 31, 1980 furnished by utilities to DOE.

^{2/} Does not include eight plants that have been permanently shut down:
 Hallam (75 MWe) Piqua (11.4 MWe) BONUS (16.5 MWe) Fermi (60.9 MWe)
 Pathfinder (58.5 MWe) Elk River (22 MWe) CVTR (17 MWe) Peach Bottom 1 (40 MWe)

Does not include Indian Point 1, rated at 265 MWe; the operating authority of this unit was revoked on 6/19/80 by the Nuclear Regulatory Commission.

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		23	GINNA #1		
48	BAILLY	124	GRAND GULF #1		
71	BEAVER VALLEY #1	125	GRAND GULF #2		
122	BEAVER VALLEY #2				
105	BELLEFONTE #1	16	HADDAM		
106	BELLEFONTE #2	7	HALLAM		
13	BIG ROCK PT.	113	HARRIS #1		
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35	BROWNS FERRY #2	144	HARTSVILLE B-2		
65	BROWNS FERRY #3	75	HATCH #1		
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