

NUREG-0871
Vol. 3, No. 1

Summary Information Report

Issue Date: June 1984

**U.S. Nuclear Regulatory
Commission**

Office of Resource Management



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**Office of Resource Management
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555**



FOREWORD

The Summary Information Report (SIR) provides summary data concerning NRC and its licensees for general use by the Chairman, other Commissioners and Commission staff offices, the Executive Director for Operations, and the Office Directors. SIR is published quarterly by the Cost and Management Branch (49-27834) of the Office of Resource Management.

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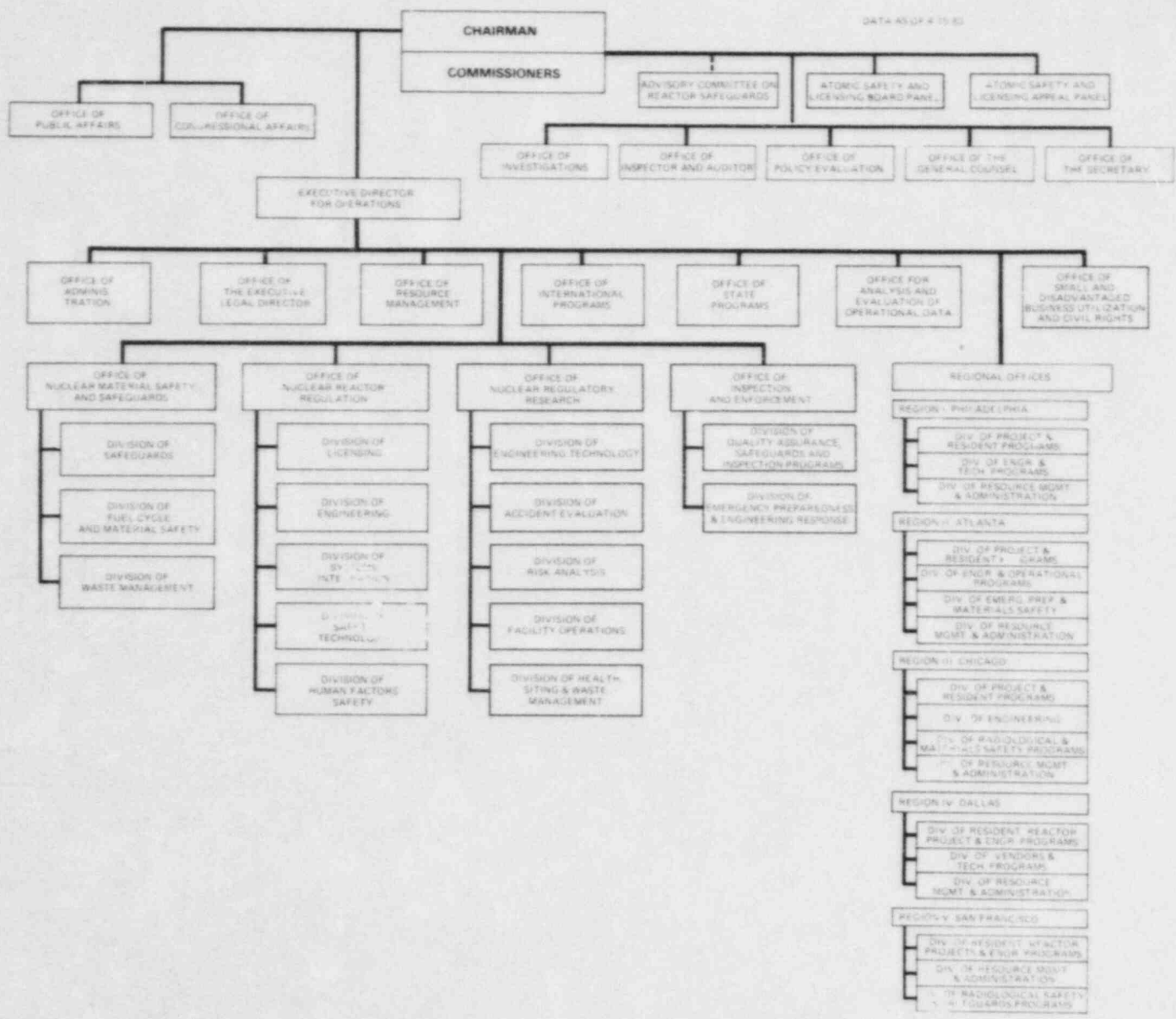
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Section 1. Organization Overview

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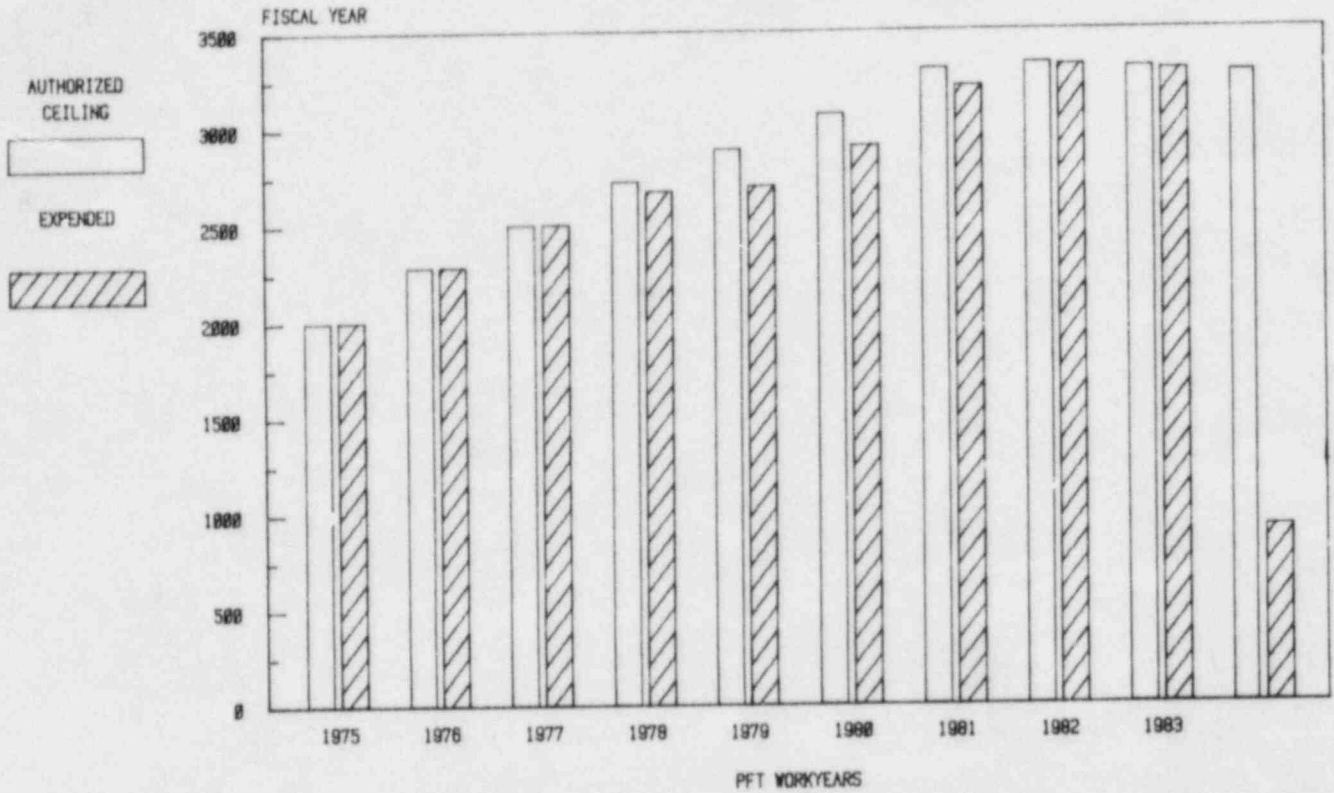
U.S. NUCLEAR REGULATORY COMMISSION ORGANIZATION CHART

DATA AS OF 4-15-83



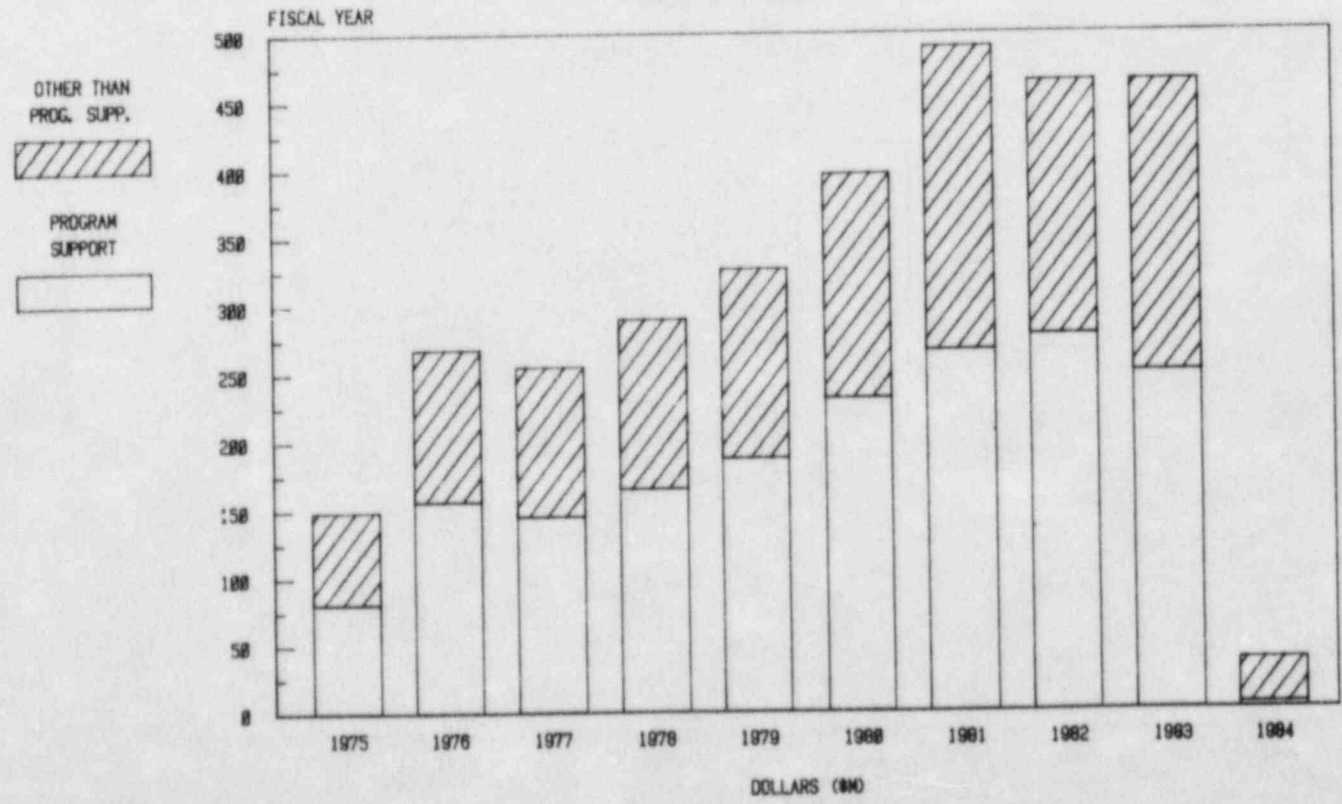
NRC WORKYEARS FY 1975 - FY 1984

AUTHORIZED AND EXPENDED THRU 01/07/84



NRC BUDGET FY 1975 - FY 1984

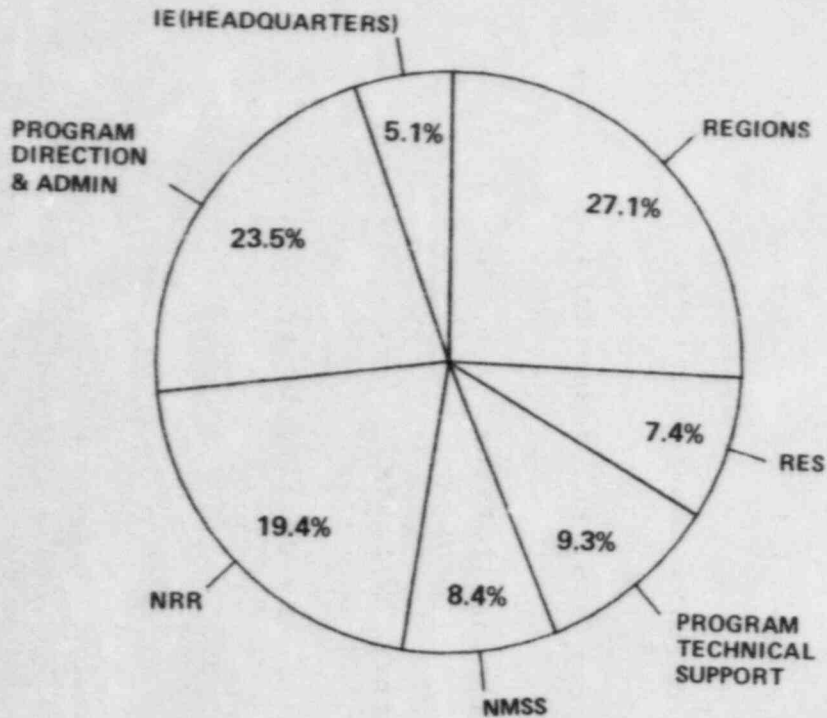
OBLIGATIONS INCURRED THRU 10/31/83



NRC RESOURCES

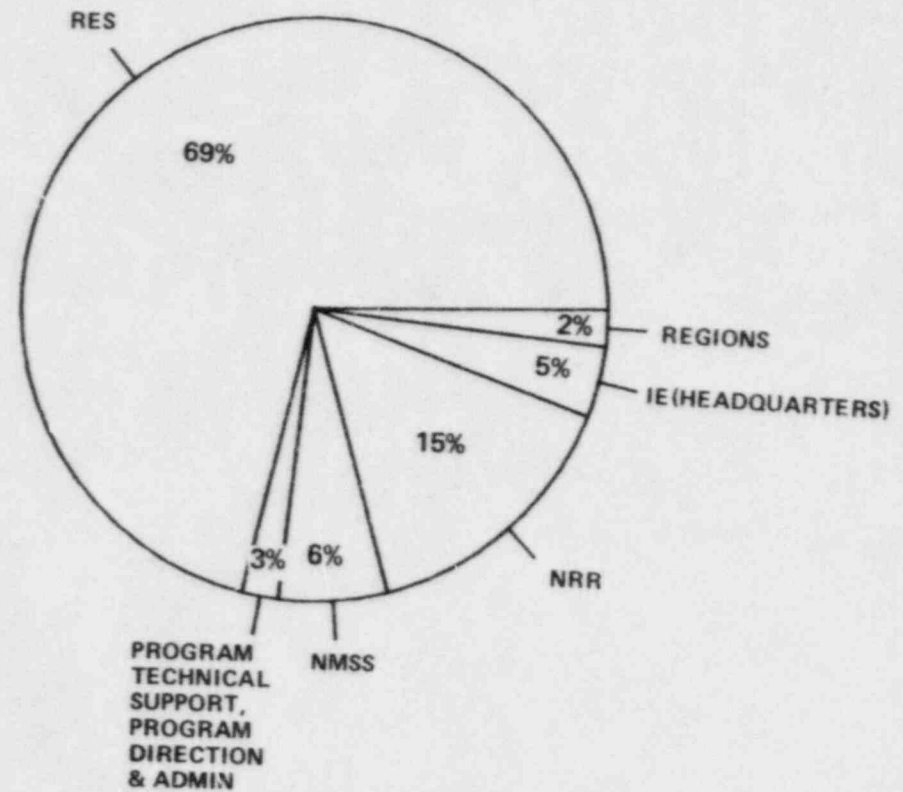
FY 1984

PERMANENT FULL TIME EMPLOYEES ON BOARD---3268



SOURCE: PERSONNEL 1/7/84

PROGRAM SUPPORT--\$263 MILLION

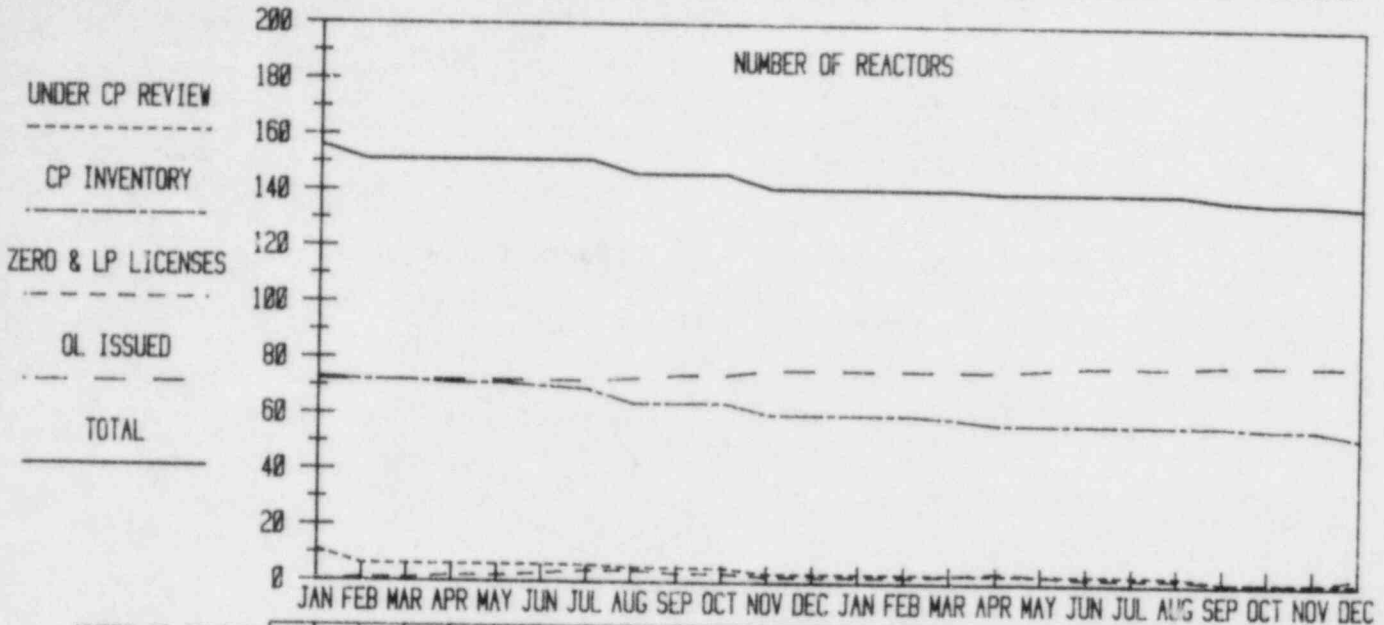


SOURCE: RESOURCE MANAGEMENT 12/31/83

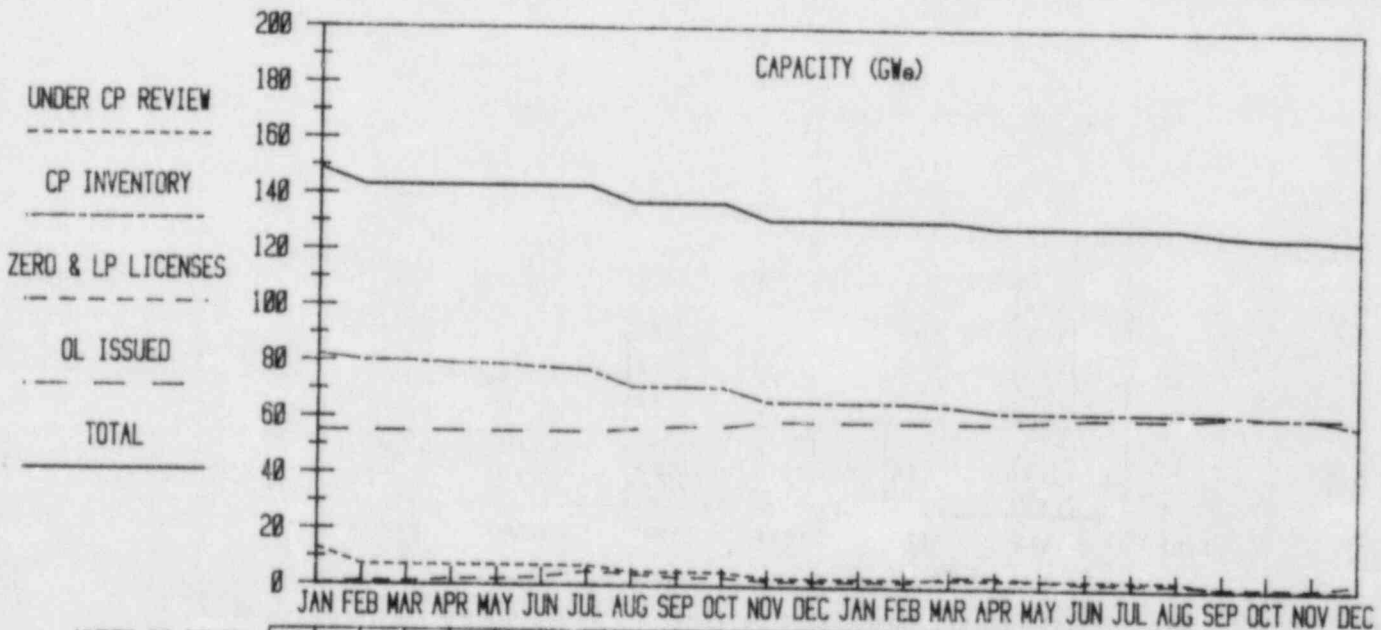
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STATUS OF NUCLEAR POWER PLANTS, 1981 TO 1983



	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
UNDER CP REVIEW	11	6	6	6	6	6	6	5	5	5	3	3	3	3	3	3	3	3	3	1	1	1	1	
CP INVENTORY	73	72	72	71	71	70	69	64	64	64	60	60	60	59	57	57	57	57	57	57	56	56	53	
ZERO & LP LICENSES	0	1	1	2	2	3	4	4	3	3	2	2	2	2	3	4	3	2	2	2	1	1	1	3
OL ISSUED	72	72	72	72	72	72	72	73	74	74	76	76	76	76	76	76	77	78	78	78	79	79	79	79
TOTAL	156	151	151	151	151	151	151	146	146	146	141	141	141	141	141	140	140	140	140	138	137	137	136	

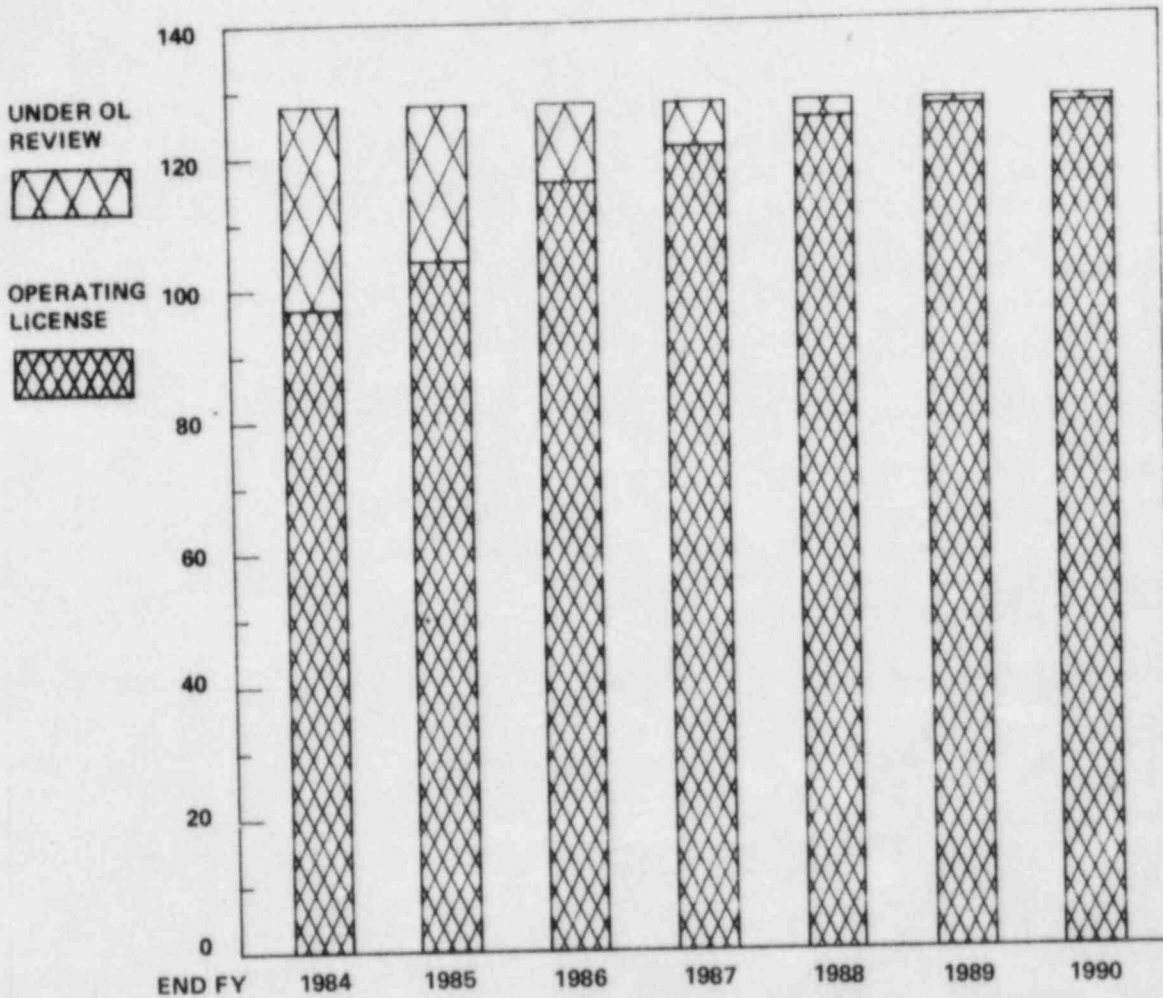


	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
UNDER CP REVIEW	13	7	7	7	7	7	7	5	5	5	3	3	3	3	3	3	3	3	3	.35	.35	.35	.35	
CP INVENTORY	82	80	80	79	79	78	77	71	71	71	66	66	66	66	65	63	63	63	63	63	62	62	59	
ZERO & LP LICENSES	0	1	1	2	2	3	5	4	3	3	2	2	2	2	4	4	3	2	2	2	1	1	1	3
OL ISSUED	55	55	55	55	55	55	55	56	57	57	59	59	59	59	59	59	60	61	61	61	62	62	62	62
TOTAL	149	143	143	143	143	143	143	137	137	137	131	131	131	131	131	129	129	129	129	129	127	126	126	125

CASELOAD PROJECTIONS

PROJECTED STATUS OF NUCLEAR POWER PLANT UNITS

Source: January 1984 Quarterly Report



NOTE: Three Mile Island 2, Humboldt Bay, and Dresden 1 are not included in the above figures as they are shut down indefinitely. The following 7 plants have currently unscheduled completion dates and are therefore not reflected in the above statistics:

- | | | |
|----------------|----------------|-------|
| Hartsville A-1 | Yellow Creek 1 | WNP-1 |
| Hartsville A-2 | Yellow Creek 2 | |
| Grand Gulf 2 | River Bend 2 | |

NOTE: Full power issuance ranges from 3 to 7 months after issuance of the operating license.

CASELOAD PROJECTIONS NEW APPLICATIONS FORECAST

FY84

OL'S NONE

FY85

OL'S NONE

FY86

OL'S NONE

FY87

OL'S NONE

NOTE: BASED ON APPLICANT ESTIMATES OF SUBMITTAL DATES OF OPERATING LICENSE APPLICATIONS.

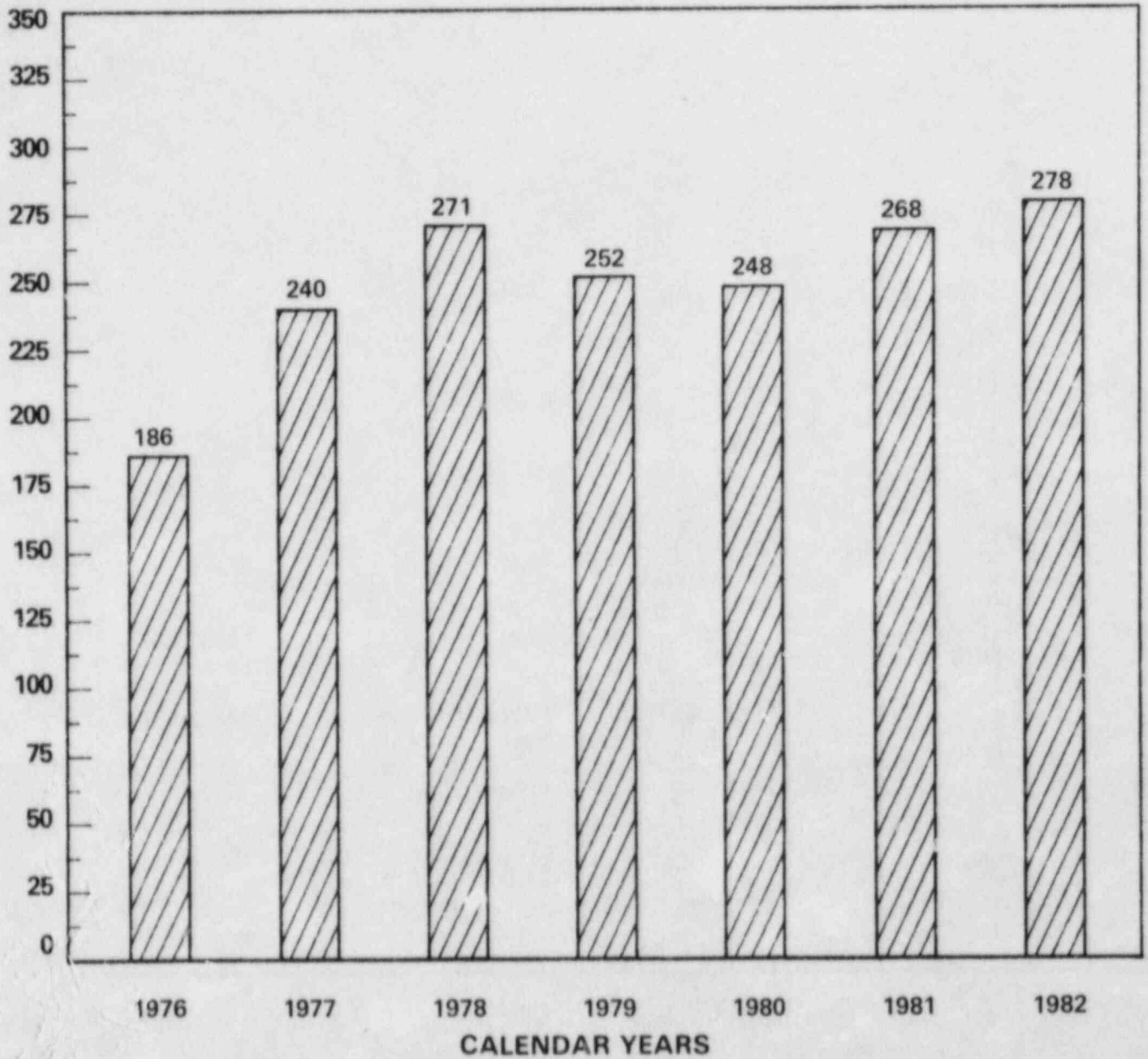
THESE PLANTS HAVE BEEN POSTPONED INDEFINITELY OR ARE NOT SCHEDULED:

HARTSVILLE A-1	GRAND GULF 2
HARTSVILLE A-2	WNP-1
YELLOW CREEK 1	RIVER BEND 2
YELLOW CREEK 2	

SOURCE: BLUE BOOK DATED DECEMBER 31, 1983

ACTUAL PRODUCTION OF NUCLEAR POWER NET ELECTRICAL POWER GENERATED

KwHr IN BILLIONS

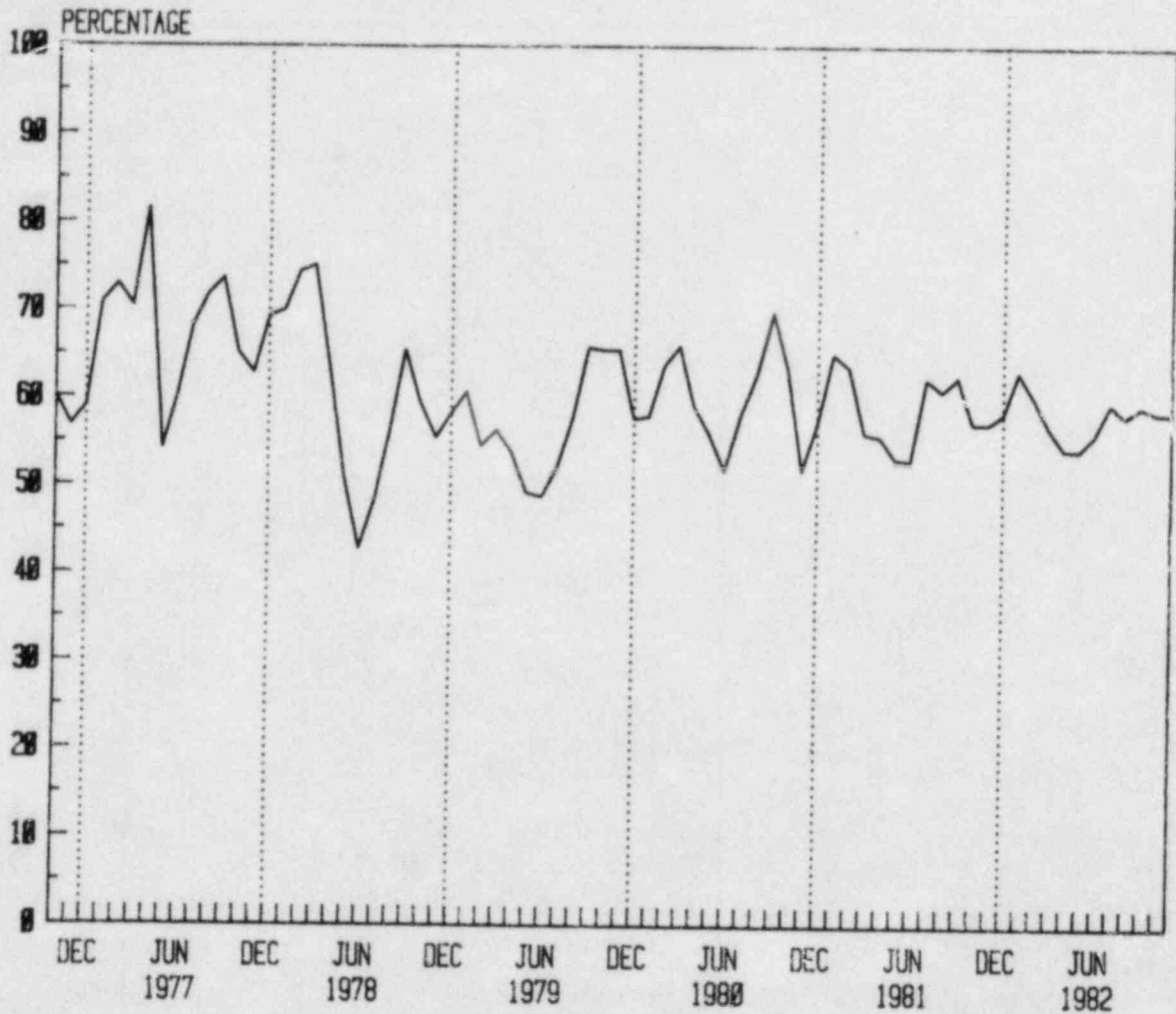


SOURCE: RM

AVERAGE UNIT CAPACITY FACTORS

USING MAXIMUM DEPENDABLE CAPACITY

DATA AS OF: 2/21/84



OCTOBER 1977 THRU NOVEMBER 1983

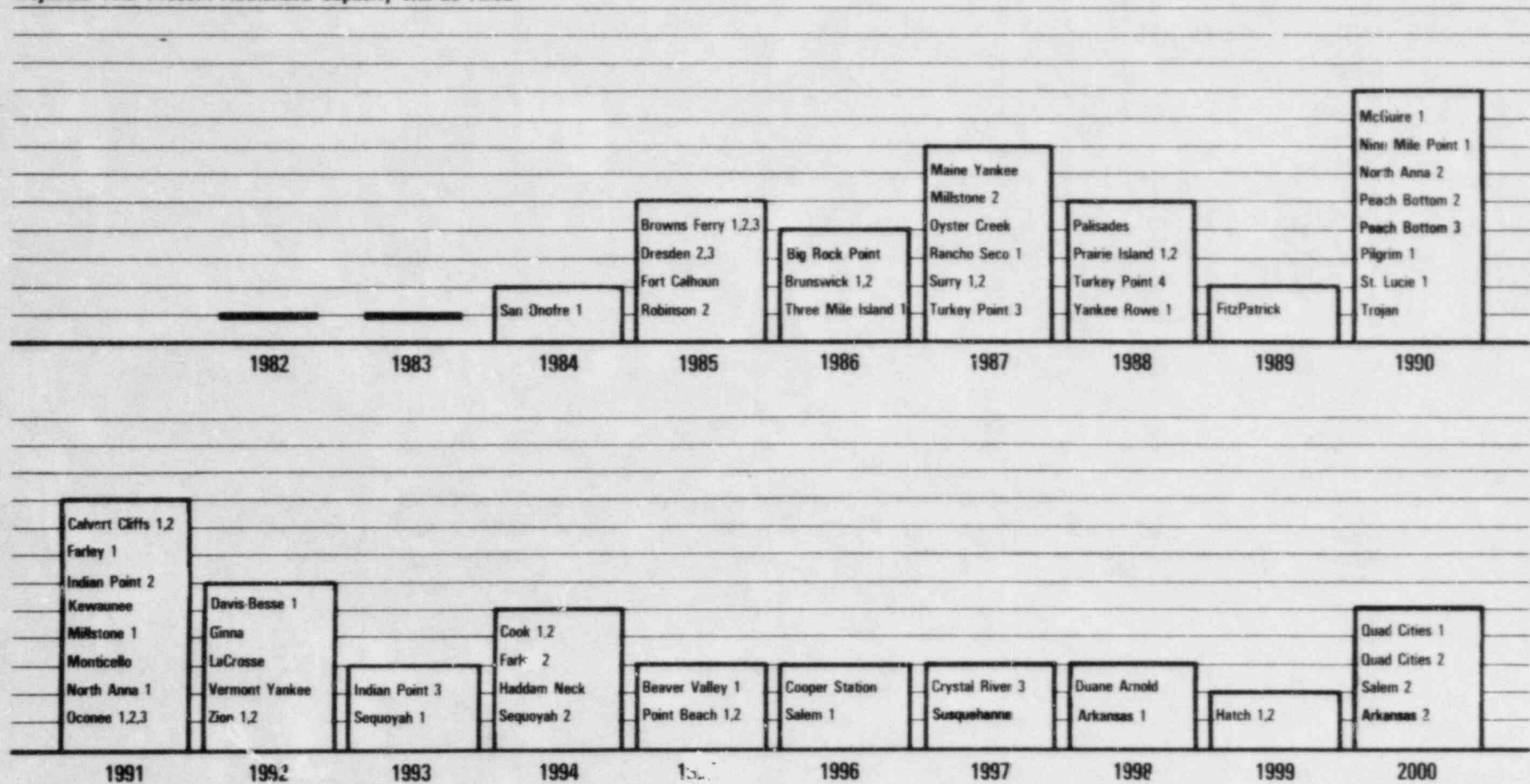
The term 'Maximum Dependable Capacity' Net (MDC net) means the gross electrical output as measured at the output terminals of the turbine generator during the most restrictive seasonal conditions (usually summer) less the normal station service loads.

$$\text{The term 'Unit Capacity Factor Using MDC Net'} = \frac{\text{Net Electrical Energy Generated} \times 100}{\text{Period Hours} \times \text{MDC Net}}$$

PROJECTED SPENT FUEL STORAGE CAPABILITY OF REACTORS LICENSED TO OPERATE*

DATA AS OF: NOVEMBER 30, 1983

Projected Year Present Authorized Capacity will be Filled



*SOURCE: NRC and estimates from licensees

STATUS OF NUCLEAR POWER PLANT UNITS

DATA AS OF DECEMBER 31, 1983

Boiling Water Reactors	Pressurized Water Reactors	Others		Capacity* (MWe)
26	52	1 HTGR	79	LICENSED TO OPERATE..... 62,000 (Excludes 3 which have operating licenses but are shut down indefinitely. Three Mile Island 2, Humboldt Bay, and Dresden 1). The 79 units have accumulated 708 reactor years of operation. An additional 75 reactor years of operation have been accumulated by permanently or indefinitely shut down units.
3	0		3	LICENSED FOR LOW-POWER TESTING..... 3,000
16	37		53	CONSTRUCTION PERMIT GRANTED..... 59,000 49 Under Operating License Review..... 54,000 4 Operating License Not Yet Applied For..... 5,000
0	0	1 LMFBR	1	UNDER CONSTRUCTION PERMIT REVIEW..... 350
45	89	2	136	TOTAL (Number Rounded)125,000**

* Net Maximum Dependable Capacity for operating units for which it is established; net Design Electrical Rating for all other units.

** Numbers do not add exactly due to rounding.

SOURCE: OFFICE OF RESOURCE MANAGEMENT

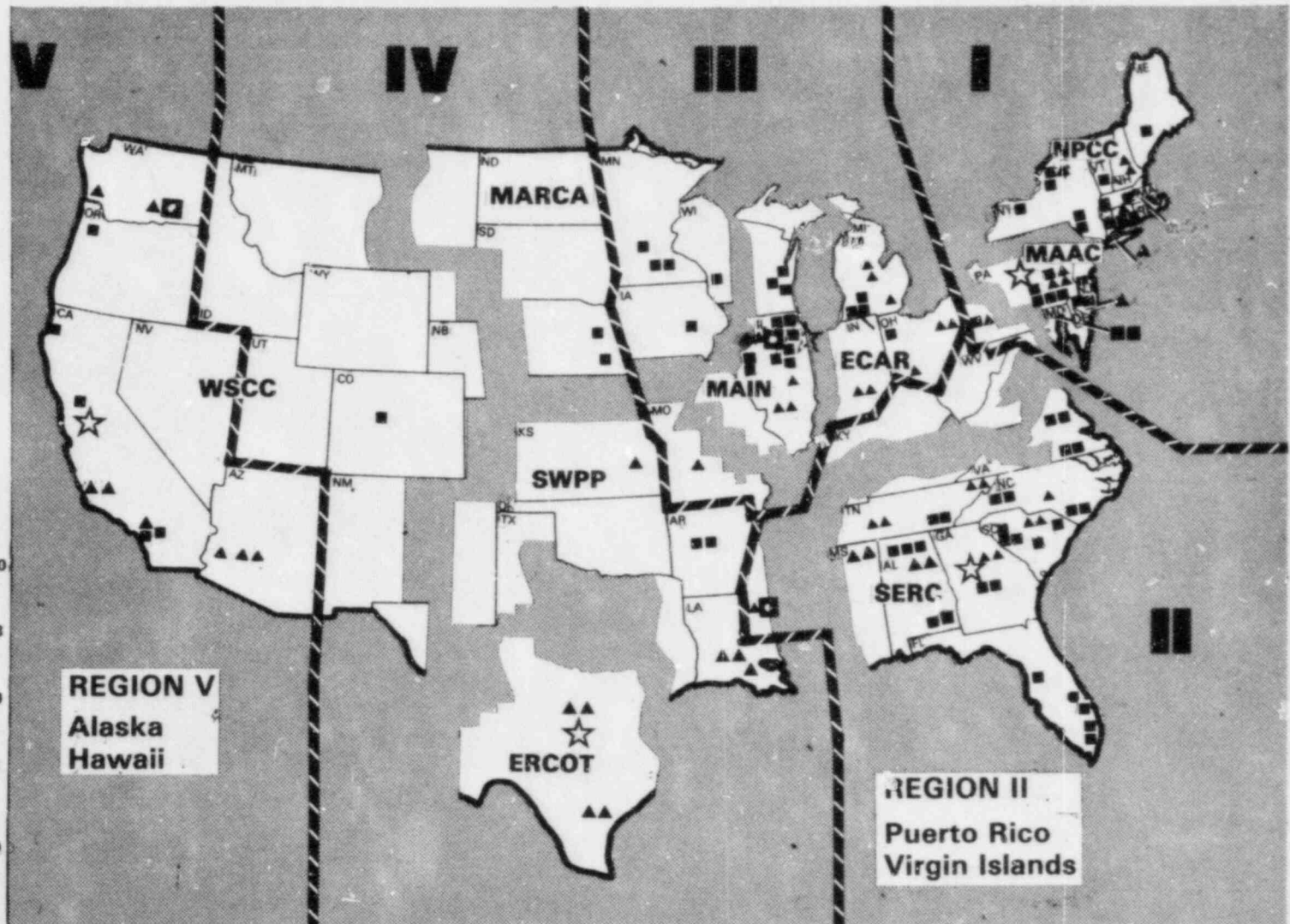
U.S. Electric Reliability Councils and Commercial Nuclear Power Reactors in the United States

U.S. Electric Reliability Councils

- ECAR** East Central Area Reliability Coordination Agreement
- MAIN** Mid-America Interpool Network
- MAAC** Mid-Atlantic Area Council
- MARCA** Mid-Continent Area Reliability Coordination Agreement
- NPCC** Northeast Power Coordinating Council
- SERC** Southeastern Electric Reliability Council
- SWPP** Southwest Power Pool
- ERCOT** Electric Reliability Council of Texas
- WSCC** Western Systems Coordinating Council

U.S. Nuclear Regulatory Commission Regional Offices

- Region I** 215-337-5000
631 Park Avenue
King of Prussia, Pennsylvania 19406
- Region II** 404-221-4503
Suite 3100, 101 Marietta Street
Atlanta, Georgia 30303
- Region III** 312-858-2660
799 Roosevelt Road
Glen Ellyn, Illinois 60137
- Region IV** 817-334-2841
Suite 1000
611 Ryan Plaza Drive
Arlington, Texas 76012
- Region V** 415-932-8300
1450 Maria Lane
Walnut Creek, California 94596



- Licensed to Operate
 - ▲ Under Construction
 - Application Under Review
 - ☆ Regional Offices
- ◻ Low Power License
 - NRC Regional Boundaries

Source: RM

U.S. POWER REACTORS

DATA AS OF: 12/31/83
SOURCE: RM

LEGEND			
AC:	ALLIS CHALMERS	JONES:	J. A. JONES CONSTRUCTION
AE:	ARCHITECT/ENGINEER	KAISER:	KAISER ENGINEERS
AEP:	AMER. ELEC. POWER SERV. CORP.	LIC:	LICENSED
B&R:	BURNS & ROE	LOCATION:	MILES FROM CITY/TOWN
B&V:	BLACK & VEACH	LMFBR:	LIQUID METAL FAST BREEDER RX
B&W:	BABCOCK & WILCOX	MAXON:	MAXON CONSTRUCTION COMPANY
BALDWIN:	BALDWIN & ASSOCIATES	MDC:	MAXIMUM DEPENDABLE CAPACITY
BRAUN:	C.F. BRAUN AND COMPANY	MWE:	MEGAWATTS ELECTRICAL
BECH:	BECHTEL	MWT:	MEGAWATTS THERMAL
BRRT:	BROWN & ROOT	N/S:	NOT SCHEDULED
BWR:	BOILING WATER REACTOR	NIAGARA:	NIAGARA MOHAWK POWER
C:	COMPLETED	NSSS:	NUCLEAR STEAM SYS. SUPPLIER
COMB:	COMBUSTION ENGINEERING	OL:	OPERATING LICENSE REVIEW
COMM.OP.:	ACTUAL COMMERCIAL OPERATION	PCP:	POST-CONSTRUCTION PERMIT
CONED:	CONSOLIDATED EDISON COMPANY	PG&E:	PACIFIC GAS & ELECTRIC
CONTR.:	CONTRACTOR	PSE:	PIONEER SERV. & ENGINEERING
CP:	CONSTRUCTION PERMIT REVIEW	PSI:	PUBLIC SERVICE OF INDIANA
CWE:	COMMONWEALTH EDISON	PUBSERV:	PUBLIC SERVICES & GAS CO.
DANIEL:	DANIEL INTERNATIONAL	PWR:	PRESSURIZED WATER REACTOR
D/KE:	DUKE POWER	SD:	SHUT DOWN INDEFINITELY
EBASCO:	EBASCO SERVICES, INC.	S&L:	SARGENT & LUNDY
FPI:	FLUOR PIONEER INTERNATIONAL	S&W:	STONE & WEBSTER
G&H:	GIBBS & HILL	SSC:	SOUTHERN SERVICES COMPANY
GE:	GENERAL ELECTRIC	TVA:	TENNESSEE VALLEY AUTHORITY
G&DR:	GIBBS & HILL	UEC:	UNITED ENG. & CONSTRUCTORS
GIL:	GILBERT COMMONWEALTH	WEST:	WESTINGHOUSE
GPO:	GEORGIA POWER COMPANY		
HTGR:	HIGH TEMP. GAS COOLED REACTOR		

NOTE: OL ISSUANCE IS INDICATED FOR FULL POWER LICENSE (NOT POL OR FTL). IT IS EQUAL TO LICENSING COMPLETION OR THE APPLICANT'S ESTIMATE OF CONSTRUCTION COMPLETION, WHICHEVER IS LATER AS INDICATED IN THE BLUE BOOK SCHEDULE DATED 12/31/83. OTHER DATES ARE HISTORICAL OR BASED ON CURRENT NRR PROJECTIONS.

PLANT UTILITY LOCATION	DOCKET NO.	NSSS	LIC.	MDC	CP ISSUED	TYPE	STAGE
		AE CONTR.	MWT	NET MWE	OL ISSUED COMM. OP.		
<u>ARKANSAS 1</u> ARKANSAS POWER & LIGHT 6 MI WNW OF RUSSELLVILLE, AR	05000313	B&W BECH BECH		2568 836	12/06/68C 05/21/74C 12/19/74C	PWR	LIC
<u>ARKANSAS 2</u> ARKANSAS POWER & LIGHT 6 MI WNW OF RUSSELLVILLE, AR	05000368	COMB BECH BECH		2815 858	12/06/72C 12/14/78C 03/26/80C	PWR	LIC
<u>BEAVER VALLEY 1***</u> DUQUESNE LIGHT 5 MI E OF E. LIVERPOOL, OH	05000334	WEST S&W S&W		2660 810	06/26/70C 07/02/76C 10/01/76C	PWR	LIC
<u>BEAVER VALLEY 2***</u> DUQUESNE LIGHT 5 MI E OF E. LIVERPOOL, OH	05000412	WEST S&W S&W		2774* 852**	05/03/74C 12/31/85	PWR	OL
<u>BELLEFONTE 1</u> TENNESSEE VALLEY AUTHORITY 6 MI NE OF SCOTTSBORO, ALA	05000438	B&W TVA TVA		3760* 1235**	12/24/74C 10/00/87	PWR	OL

* - WHERE A PLANT DOES NOT HAVE LIC. THERMAL POWER, DESIGN THERMAL POWER IS SHOWN.
** - WHERE NO MAX. DEP. CAPACITY (MDC) EXISTS, DESIGN ELEC. POWER IS INDICATED.
*** - BEAVER VALLEY 1&2 ARE LOCATED IN PA

U. S. POWER REACTORS

DATA AS OF: 12/31/83

PLANT UTILITY LOCATION	DOCKET NO.	NSSS AE CONTR.	LIC. MWT	MDC NET MWE	CP ISSUED OL ISSUED COMM. OP.	TYPE	STAGE
<u>BELLEFONTE 2</u> TENNESSEE VALLEY AUTHORITY 6 MI NE OF SCOTTSBORO, ALA	05000439	B&W TVA TVA	3760*	1235**	12/24/74C 10/00/88	PWR	OL
<u>BIG ROCK POINT 1</u> CONSUMERS POWER 4 MI NE OF CHARLEVOIX, MICH	05000155	GE BECH BECH	240	64	05/31/60C 08/30/62C 03/29/63C	BWR	LIC
<u>BRAIDWOOD 1</u> COMMONWEALTH EDISON 24 MI SSW OF JOLIET, ILL	05000456	WEST S&L CWE	3411	1120**	12/31/75C 04/00/85	PWR	OL
<u>BRAIDWOOD 2</u> COMMONWEALTH EDISON 24 MI SSW OF JOLIET, ILL	05000457	WEST S&L CWE	3411	1120**	12/31/75C 04/00/86	PWR	OL
<u>BROWNS FERRY 1</u> TENNESSEE VALLEY AUTHORITY 10 MI NW OF DECATUR, ALA	05000259	GE TVA TVA	3293	1065	05/10/67C 12/20/73C 08/01/74C	BWR	LIC
<u>BROWNS FERRY 2</u> TENNESSEE VALLEY AUTHORITY 10 MI NW OF DECATUR, ALA	05000260	GE TVA TVA	3293	1065	05/10/67C 08/02/74C 03/01/75C	BWR	LIC
<u>BROWNS FERRY 3</u> TENNESSEE VALLEY AUTHORITY 10 MI NW OF DECATUR, ALA	05000296	GE TVA TVA	3293	1065	07/31/68C 08/18/76C 03/01/77C	BWR	LIC
<u>BRUNSWICK 1</u> CAROLINA POWER & LIGHT 3 MI N OF SOUTHPORT, NC	05000325	GE UEC BRRT	2436	790	02/07/70C 11/12/76C 03/18/77C	BWR	LIC
<u>BRUNSWICK 2</u> CAROLINA POWER & LIGHT 3 MI N OF SOUTHPORT, NC	05000324	GE UEC BRRT	2436	790	02/07/70C 12/27/74C 11/03/75C	BWR	LIC
<u>BYRON 1</u> COMMONWEALTH EDISON 17 MI SW OF ROCKFORD, ILL	05000454	WEST S&L CWE	3411	1120**	12/31/75C 02/15/84	PWR	OL
<u>BYRON 2</u> COMMONWEALTH EDISON 17 MI SW OF ROCKFORD, ILL	05000455	WEST S&L CWE	3411	1120**	12/31/75C 05/00/85	PWR	OL

* - WHERE A PLANT DOES NOT HAVE LIC. THERMAL POWER, DESIGN THERMAL POWER IS SHOWN.
 ** - WHERE NO MAX. DEP. CAPACITY (MDC) EXISTS, DESIGN ELEC. POWER IS INDICATED.

U. S. POWER REACTORS

DATA AS OF: 12/31/83

PLANT UTILITY LOCATION	DOCKET NO.	NSSS AE CONTR.	LIC. MWT	MDC NET MWE	CP ISSUED OL ISSUED COMM. OP.	TYPE	STAGE
<u>CALLAWAY 1</u> UNION ELECTRIC 10 MI SE OF FULTON, MO	05000483	WEST BECH DANIEL	3425#	1188##	04/16/76C 04/00/84	PWR	OL
<u>CALVERT CLIFFS 1</u> BALTIMORE GAS & ELEC 40 MI S OF ANNAPOLIS, MD	05000317	COMB BECH BECH	2700	825	07/07/69C 07/31/74C 05/08/75C	PWR	LIC
<u>CALVERT CLIFFS 2</u> BALTIMORE GAS & ELEC 40 MI S OF ANNAPOLIS, MD	05000318	COMB BECH BECH	2700	825	07/07/69C 11/30/76C 04/01/77C	PWR	LIC
<u>CATAWBA 1</u> DUKE POWER 6 MI NNW OF ROCK HILL, SC	05000413	WEST DUKE DUKE	3582#	1145##	08/07/75C 05/00/84	PWR	OL
<u>CATAWBA 2</u> DUKE POWER 6 MI NNW OF ROCK HILL, SC	05000414	WEST DUKE DUKE	3582#	1145##	08/07/75C 10/00/86	PWR	OL
<u>CLINCH RIVER</u> PROJECT MANAGEMENT CORP.; DOE;TVA 25 MI W OF KNOXVILLE, TN	05000537	WEST B&R S&W	975#	350##	06/00/84	LMFBR	CP
<u>CLINTON 1</u> ILLINOIS POWER 6 MI E OF CLINTON, ILL	05000461	GE S&L BALDWIN	2894#	950##	02/24/76C 01/00/86	BWR	OL
<u>COMANCHE PEAK 1</u> TEXAS UTILITIES GENERATING 4 MI N OF GLEN ROSE, TEX	05000445	WEST G&H BRRT	3411#	1150##	12/19/74C 07/00/84	PWR	OL
<u>COMANCHE PEAK 2</u> TEXAS UTILITIES GENERATING 4 MI N OF GLEN ROSE, TEX	05000446	WEST G&H BRRT	3411#	1150##	12/19/74C 01/00/86	PWR	OL
<u>COOK 1</u> INDIANA & MICHIGAN ELECTRIC 11 MI S OF BENTON HARBOR, MI	05000315	WEST AEP AEP	3250	1020	03/25/69C 10/25/74C 08/27/75C	PWR	LIC
<u>COOK 2</u> INDIANA & MICHIGAN ELECTRIC 11 MI S OF BENTON HARBOR, MI	05000316	WEST AEP JONES	3411	1060	03/25/69C 12/23/77C 07/01/78C	PWR	LIC

- WHERE A PLANT DOES NOT HAVE LIC. THERMAL POWER, DESIGN THERMAL POWER IS SHOWN.
- WHERE NO MAX. DEP. CAPACITY (MDC) EXISTS, DESIGN ELEC. POWER IS INDICATED.

U. S. POWER REACTORS

DATA AS OF: 12/31/83

PLANT UTILITY LOCATION	DOCKET NO.	NSSS AE CONTR.	LIC. MWT	MDC NET MWE	CP ISSUED OL ISSUED COMM. OP.	TYPE	STAGE
<u>COOPER STATION</u> NEBRASKA PUBLIC POWER DISTRICT 23 MI S OF NEBRASKA CITY, NEB	05000298	GE B&R B&R	2381	764	06/04/68C 01/18/74C 07/01/74C	BWR	LIC
<u>CRYSTAL RIVER 3</u> FLORIDA POWER CORPORATION 7 MI NW OF CRYSTAL RIVER, FLA	05000302	B&W GIL JONES	2544	806	09/25/68C 01/28/77C 03/13/77C	PWR	LIC
<u>DAVIS-BESSE 1</u> TOLEDO EDISON 21 MI E OF TOLEDO, OH	05000346	B&W BECH BECH	2772	874	03/24/71C 04/22/77C 07/31/78C	PWR	LIC
<u>DIABLO CANYON 1***</u> PACIFIC GAS & ELECTRIC 12 MI WSW OF SAN LUIS OBISPO	05000275	WEST PG&E PG&E	3338#	1084##	04/23/68C 01/00/84	PWR	OL
<u>DIABLO CANYON 2***</u> PACIFIC GAS & ELECTRIC 12 MI WSW OF SAN LUIS OBISPO	05000323	WEST PG&E PG&E	3411#	1106##	12/09/70C 08/00/84	PWR	OL
<u>DRESDEN 1</u> COMMONWEALTH EDISON 9 MI E OF MORRIS, ILL	05000010	GE BECH BECH	700	200##	05/04/56C 06/02/60C 07/04/60C	BWR	SD
<u>DRESDEN 2</u> COMMONWEALTH EDISON 9 MI E OF MORRIS, ILL	05000237	GE S&L UEC	2527	772	01/10/66C 12/22/69C 06/09/70C	BWR	LIC
<u>DRESDEN 3</u> COMMONWEALTH EDISON 9 MI E OF MORRIS, ILL	05000249	GE S&L UEC	2527	773	10/14/66C 03/02/71C 11/16/71C	BWR	LIC
<u>DUANE ARNOLD</u> IOWA ELECTRIC POWER & LIGHT 8 MI NW OF CEDAR RAPIDS, IA	05000331	GE BECH BECH	1658	515	06/22/70C 02/22/74C 02/01/75C	BWR	LIC
<u>ENRICO FERMI 2</u> DETROIT EDISON LAGUNA BEACH, MICH	05000341	GE S&L DANIEL	3292#	1093##	09/27/72C 06/00/84	BWR	OL
<u>FARLEY 1</u> ALABAMA POWER CO. 28 MI SE OF DOTHAN, ALA	05000348	WEST SSI BECH	2652	804	08/16/72C 06/25/77C 12/01/77C	PWR	LIC

- WHERE A PLANT DOES NOT HAVE LIC. THE THERMAL POWER, DESIGN THERMAL POWER IS SHOWN.

- WHERE NO MAX. DEP. CAPACITY (MDC) EXISTS, DESIGN ELEC. POWER IS INDICATED.

*** - DIABLO CANYON 1&2 ARE LOCATED IN CA

U. S. POWER REACTORS

DATA AS OF: 12/31/83

PLANT UTILITY LOCATION	DOCKET NO.	NSSS AE CONTR.	LIC. MWT	MDC NET MWE	CP ISSUED OL ISSUED COMM. OP.	TYPE	STAGE
<u>FARLEY 2</u> ALABAMA POWER CO. 28 MI SE OF DOTHAN, ALA	05000364	WEST SSI BECH	2652	814	08/16/72C 03/31/81C 07/30/81C	PWR	LIC
<u>FITZPATRICK</u> POWER AUTHORITY OF STATE OF N.Y. 8 MI NE OF OSWEGO, NY	05000333	GE S&W S&W	2436	810	05/20/70C 10/17/74C 07/28/75C	BWR	LIC
<u>FORT CALHOUN 1</u> OMAHA PUBLIC POWER DISTRICT 19 MI N OF OMAHA, NEB	05000285	COMB GHDR GHDR	1500	438	06/07/68C 08/09/73C 06/20/74C	PWR	LIC
<u>FORT ST VRAIN</u> PUBLIC SERVICE OF COLORADO 35 MI N OF DENVER, COL	05000267	GAC S&L EBASCO	842	330	09/17/68C 12/21/73C 07/01/79C	HTGR	LIC
<u>GINNA</u> ROCHESTER GAS & ELECTRIC 15 MI NE OF ROCHESTER, NY	05000244	WEST GIL BECH	1520	470	04/25/66C 09/19/69C 07/01/70C	PWR	LIC
<u>GRAND GULF 1</u> MISSISSIPPI POWER & LIGHT COMPANY 25 MI S OF VICKSBURG, MISS	05000416	GE BECH BECH	3833	1250**	09/04/74C 02/00/84	BWR	LIC*
<u>GRAND GULF 2</u> MISSISSIPPI POWER & LIGHT COMPANY 25 MI S OF VICKSBURG, MISS	05000417	GE BECH BECH	3833*	1250**	09/04/74C N/S	BWR	OL
<u>HADDAM NECK</u> CONNECTICUT YANKEE ATOMIC POWER 13 MI E OF MERIDEN, CONN	05000213	WEST S&W S&W	1825	569	05/26/64C 06/30/67C 01/01/68C	PWR	LIC
<u>HARRIS 1</u> CAROLINA POWER & LIGHT 20 MI SW OF RALEIGH, NC	05000400	WEST EBASCO DANIEL	2775*	915**	01/27/78C 06/03/85	PWR	OL
<u>HARTSVILLE A-1</u> TENNESSEE VALLEY AUTHORITY 40 MI E OF NASHVILLE, TN	05000518	GE TVA TVA	3579*	1205**	05/09/77C N/S	BWR	PCP
<u>HARTSVILLE A-2</u> TENNESSEE VALLEY AUTHORITY 40 MI E OF NASHVILLE, TN	05000519	GE TVA TVA	3579*	1205**	05/09/77C N/S	BWR	PCP

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- * - LICENSED FOR LOW POWER TESTING

U. S. POWER REACTORS

DATA AS OF: 12/31/83

PLANT UTILITY LOCATION	DOCKET NO.	NSSS AE CONTR.	LIC. MWT	MDC NET MWE	CP ISSUED OL ISSUED COMM. OP.	TYPE	STAGE
<u>HATCH 1</u> GEORGIA POWER 11 MI N OF BAXLEY, GA	05000321	GE BECH GPO	2436	764	09/30/69C 10/13/74C 12/31/75C	BWR	LIC
<u>HATCH 2</u> GEORGIA POWER 11 MI N OF BAXLEY, GA	05000366	GE BECH GPO	2436	771	12/27/72C 06/13/78C 09/05/79C	BWR	LIC
<u>HOPE CREEK 1***</u> PUBLIC SERVICE ELECTRIC & GAS 18 MI SE OF WILMINGTON, DEL	05000354	GE BECH BECH	3440#	1067##	11/04/74C 01/14/86	BWR	OL
<u>HUMBOLDT BAY 3</u> PACIFIC GAS & ELECTRIC 4 MI SW OF EUREKA, CA	05000133	GE BECH BECH	220	65##	11/09/60C 08/28/62C 08/00/63C	BWR	SD
<u>INDIAN POINT 2</u> CONSOLIDATED EDISON 25 MI N OF NEW YORK CITY, NY	05000247	WEST UEC WEDCO	2758	864	10/14/66C 09/28/73C 08/01/74C	PWR	LIC
<u>INDIAN POINT 3</u> POWER AUTHORITY OF STATE OF N.Y. 25 MI N OF NEW YORK CITY, NY	05000286	WEST UEC WEDCO	3025	965	08/13/69C 04/05/76C 08/30/76C	PWR	LIC
<u>KEWAUNEE</u> WISCONSIN PUBLIC SERVICE 27 MI E OF GREEN BAY, WI.	05000305	WEST PSE PSE	1650	503	08/06/68C 12/21/73C 06/16/74C	PWR	LIC
<u>LA CROSSE</u> DAIRYLAND POWER 19 MI S OF LACROSSE, WISC	05000409	AC S&L MAXON	165	48	03/29/63C 07/03/67C 11/01/69C	BWR	LIC
<u>LASALLE 1</u> COMMONWEALTH EDISON 11 MI SE OF OTTAWA, ILL	05000373	GE S&L CWE	3323	1078	09/10/73C 08/13/82C	BWR	LIC
<u>LASALLE 2</u> COMMONWEALTH EDISON 11 MI SE OF OTTAWA, ILL	05000374	GE S&L CWE	3293#	1078##	09/10/73C 03/00/84	BWR	LIC*
<u>LIMERICK 3</u> PHILADELPHIA ELECTRIC 35 MI NW OF PHILADELPHIA, PA	05000352	GE BECH BECH	3440#	1065##	06/19/74C 03/00/85	BWR	OL

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* - LICENSED FOR LOW POWER TESTING

*** - HOPE CREEK 1 IS LOCATED IN NJ

U. S. POWER REACTORS

DATA AS OF: 12/31/83

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<u>LIMERICK 2</u> PHILADELPHIA ELECTRIC 35 MI NW OF PHILADELPHIA, PA	05000353	GE BECH BECH	3440*	1065**	06/19/74C 10/00/88	BWR	OL
<u>MAINE YANKEE</u> MAINE YANKEE ATOMIC POWER 10 MI N OF BATH, ME	05000309	COMB S&W S&W	2630	810	10/21/68C 06/29/73C 12/28/72C	PWR	LIC
<u>MARBLE HILL 1</u> PUBLIC SERVICE OF INDIANA 10 MI S OF MADISON, IN	05000546	WEST S&L PSI	3415*	1130**	04/04/78C 06/00/86	PWR	OL
<u>MARBLE HILL 2</u> PUBLIC SERVICE OF INDIANA 10 MI S OF MADISON, IN	05000547	WEST S&L PSI	3415*	1130**	04/04/78C 12/00/87	PWR	OL
<u>MCGUIRE 1</u> DUKE POWER 17 MI N OF CHARLOTTE, NC	05000369	WEST DUKE DUKE	3411	1180	02/23/73C 07/08/81C 12/01/81C	PWR	LIC
<u>MCGUIRE 2</u> DUKE POWER 17 MI N OF CHARLOTTE, NC	05000370	WEST DUKE DUKE	3411	1180	02/23/73C 05/27/83C N/S	PWR	LIC
<u>MIDLAND 1</u> CONSUMERS POWER SW BOUNDARY OF MIDLAND, MICH.	05000329	B&W BECH BECH	2452*	492**	12/15/72C 06/00/87	PWR	OL
<u>MIDLAND 2</u> CONSUMERS POWER SW BOUNDARY OF MIDLAND, MICH.	05000330	B&W BECH BECH	2452*	818**	12/15/72C 09/00/86	PWR	OL
<u>MILLSTONE 1</u> NORTHEAST NUCLEAR ENERGY 5 MI SW OF NEW LONDON, CONN	05000245	GE EBASCO EBASCO	2011	654	05/19/66C 10/26/70C 03/01/71C	BWR	LIC
<u>MILLSTONE 2</u> NORTHEAST NUCLEAR ENERGY 5 MI SW OF NEW LONDON, CONN	05000336	COMB BECH BECH	2700	860	12/11/70C 07/30/75C 12/26/75C	PWR	LIC
<u>MILLSTONE 3</u> NORTHEAST NUCLEAR ENERGY 3.2 MI WSW OF NEW LONDON CT.	05000423	WEST S&W S&W	3565*	1156**	08/09/74C 11/01/85	PWR	OL

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U. S. POWER REACTORS

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<u>MONTICELLO</u> NORTHERN STATES POWER 30 MI NW OF MINNEAPOLIS, MINN	05000263	GE BECH BECH	1670	525	06/19/67C 01/19/71C 06/30/71C	BWR	LIC
<u>NINE MILE POINT 1</u> NIAGARA MOHAWK POWER 8 MI NE OF OSWEGO, NY	05000220	GE NIAGARA S&W	1850	610	04/12/65C 08/22/69C 12/01/69C	BWR	LIC
<u>NINE MILE POINT 2</u> NIAGARA MOHAWK POWER 8 MI NE OF OSWEGO, NY	05000410	GE S&W S&W	3489#	1080##	06/24/74C 02/28/86	BWR	OL
<u>NORTH ANNA 1</u> VIRGINIA ELECTRIC & POWER 40 MI NW OF RICHMOND, VA	05000338	WEST S&W S&W	2775	877	02/19/71C 04/01/78C 06/06/78C	PWR	LIC
<u>NORTH ANNA 2</u> VIRGINIA ELECTRIC & POWER 40 MI NW OF RICHMOND, VA	05000339	WEST S&W S&W	2775	890	02/19/71C 08/21/80C 12/14/80C	PWR	LIC
<u>OCONEE 1</u> DUKE POWER 30 MI W OF GREENVILLE, SC	05000269	B&W DUKE/BE DUKE	2568	860	11/06/67C 02/06/73C 07/15/73C	PWR	LIC
<u>OCONEE 2</u> DUKE POWER 30 MI W OF GREENVILLE, SC	05000270	B&W DUKE/BE DUKE	2568	860	11/06/67C 10/06/73C 09/09/74C	PWR	LIC
<u>OCONEE 3</u> DUKE POWER 30 MI W OF GREENVILLE, SC	05000287	B&W DUKE/BE DUKE	2568	860	11/06/67C 07/19/74C 12/16/74C	PWR	LIC
<u>OYSTER CREEK 1</u> GPU NUCLEAR CORPORATION 9 MI S OF TOMS RIVER, NJ	05000219	GE B&R B&R	1930	620	12/15/64C 08/01/69C 12/01/69C	BWR	LIC
<u>PALISADES</u> CONSUMERS POWER 5 MI S OF SOUTH HAVEN, MI	05000255	COMB BECH BECH	2530	635	03/14/67C 10/16/72C 12/31/71C	PWR	LIC
<u>PALO VERDE 1</u> ARIZONA PUBLIC SERVICE 36 MI W OF PHOENIX, AZ	05000528	COMB BECH BECH	3817#	1304##	05/25/76C 05/00/84	PWR	OL

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U. S. POWER REACTORS

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<u>PALO VERDE 2</u> ARIZONA PUBLIC SERVICE 36 MI W OF PHOENIX, AZ	05000529	COMB BECH BECH	3817#	1304##	05/25/76C 02/00/85	PWR	OL
<u>PALO VERDE 3</u> ARIZONA PUBLIC SERVICE 36 MI W OF PHOENIX, AZ	05000530	COMB BECH BECH	3817#	1304##	05/25/76C 05/00/86	PWR	OL
<u>PEACH BOTTOM 2</u> PHILADELPHIA ELECTRIC 19 MI S OF LANCASTER, PA	05000277	GE BECH BECH	3293	1051	01/31/68C 12/14/73C 07/05/74C	BWR	LIC
<u>PEACH BOTTOM 3</u> PHILADELPHIA ELECTRIC 19 MI S OF LANCASTER, PA	05000278	GE BECH BECH	3293	1035	01/31/68C 07/02/74C 12/23/74C	BWR	LIC
<u>PERRY 1</u> CLEVELAND ELECTRIC ILLUMINATING 7 MI NE OF PAINESVILLE, OHIO	05000440	GE GIL KAISER	3759#	1205##	05/03/77C 12/31/84	BWR	OL
<u>PERRY 2</u> CLEVELAND ELECTRIC ILLUMINATING 7 MI NE OF PAINESVILLE, OHIO	05000441	GE GIL KAISER	3759#	1205##	05/03/77C 11/00/91	BWR	OL
<u>PILGRIM 1</u> BOSTON EDISON 4 MI SE OF PLYMOUTH, MASS	05000293	GE BECH BECH	1998	670	08/26/68C 09/15/72C 12/01/72C	BWR	LIC
<u>POINT BEACH 1</u> WISCONSIN ELECTRIC POWER COMPANY 15 MI N OF MANITOWOC, WISC	05000266	WEST BECH BECH	1518	495	07/19/67C 10/05/70C 12/21/70C	PWR	LIC
<u>POINT BEACH 2</u> WISCONSIN ELECTRIC POWER COMPANY 15 MI N OF MANITOWOC, WISC	05000301	WEST BECH BECH	1518	495	07/25/68C 03/08/73C 10/01/72C	PWR	LIC
<u>PRAIRIE ISLAND 1</u> NORTHERN STATES POWER 28 MI SE OF MINNEAPOLIS, MINN	05000282	WEST FPI NSP	1650	503	06/25/68C 04/05/74C 12/16/73C	PWR	LIC
<u>PRAIRIE ISLAND 2</u> NORTHERN STATES POWER 28 MI SE OF MINNEAPOLIS, MINN	05000306	WEST FPI NSP	1650	500	06/25/68C 10/29/74C 12/21/74C	PWR	LIC

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U. S. POWER REACTORS

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<u>QUAD CITIES 1</u> COMMONWEALTH EDISON 20 MI NE OF MOLINE, ILL	05000254	GE S&L UEC	2511	769	02/15/67C 12/14/72C 02/18/73C	BWR	LIC
<u>QUAD CITIES 2</u> COMMONWEALTH EDISON 20 MI NE OF MOLINE, ILL	05000265	GE S&L UEC	2511	769	02/15/67C 12/14/72C 03/10/73C	BWR	LIC
<u>RANCHO SECO 1</u> SACRAMENTO MUN. UTIL. DISTRICT 25 MI SE OF SACRAMENTO, CA	05000312	B&W BECH BECH	2772	873	10/11/68C 08/16/74C 04/17/75C	PWR	LIC
<u>RIVER BEND 1</u> GULF STATES UTILITIES 24 MI NNW OF BATON ROUGE, LA	05000458	GE S&W S&W	3015#	934##	03/25/77C 04/00/85	BWR	OL
<u>RIVER BEND 2</u> GULF STATES UTILITIES 24 MI NNW OF BATON ROUGE, LA	05000459	GE S&W S&W	3015#	934##	03/25/77C N/S	BWR	OL
<u>ROBINSON 2</u> CAROLINA POWER & LIGHT 5 MI NW OF HARTSVILLE, SC	05000261	WEST EBASCO EBASCO	2300	665	04/13/67C 09/23/70C 03/07/71C	PWR	LIC
<u>SALEM 1***</u> PUBLIC SERVICE ELECTRIC & GAS 20 MI S OF WILMINGTON, DEL	05000272	WEST PUBSERV UEC	3338	1079	09/25/68C 12/01/76C 06/30/77C	PWR	LIC
<u>SALEM 2***</u> PUBLIC SERVICE ELECTRIC & GAS 20 MI S OF WILMINGTON, DEL	05000311	WEST PUBSERV UEC	3411	1106	09/25/68C 05/20/81C 10/13/81C	PWR	LIC
<u>SAN ONOFRE 1</u> SOUTHERN CALIFORNIA EDISON 5 MI S OF SAN CLEMENTE, CA	05000206	WEST BECH BECH	1347	436	03/02/64C 03/27/67C 01/01/68C	PWR	LIC
<u>SAN ONOFRE 2</u> SOUTHERN CALIFORNIA EDISON 5 MI S OF SAN CLEMENTE, CA	05000361	COMB BECH BECH	3410	1087	10/18/73C 08/07/82C	PWR	LIC
<u>SAN ONOFRE 3</u> SOUTHERN CALIFORNIA EDISON 5 MI S OF SAN CLEMENTE, CA	05000362	COMB BECH BECH	3390	1087	10/18/73C 09/16/83C	PWR	LIC

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 *** - SALEM 1&2 ARE LOCATED IN NJ

U. S. POWER REACTORS

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<u>SEABROOK 1</u> PUBLIC SERVICE OF NEW HAMPSHIRE 13 MI S OF PORTSMOUTH, NH	05000443	WEST UEC UEC	3411#	1198##	07/07/76C 09/30/84	PWR	OL
<u>SEABROOK 2</u> PUBLIC SERVICE OF NEW HAMPSHIRE 13 MI S OF PORTSMOUTH, NH	05000444	WEST UEC JEC	3411#	1198##	07/07/76C 12/31/86	PWR	OL
<u>SEQUOYAH 1</u> TENNESSEE VALLEY AUTHORITY 9.5 MI NE OF CHATTANOOGA, TN	05000327	WEST TVA TVA	3411	1148	05/27/70C 09/17/80C 07/01/81C	PWR	LIC
<u>SEQUOYAH 2</u> TENNESSEE VALLEY AUTHORITY 9.5 MI NE OF CHATTANOOGA, TN	05000328	WEST TVA TVA	3411	1148	05/27/70C 09/15/81C 06/01/82C	PWR	LIC
<u>SHOREHAM</u> LONG ISLAND LIGHTING CO. BROOKHAVEN, NY (LI)	05000322	GE S&W S&W	2436#	820##	04/14/73C 05/00/84	BWR	OL
<u>SOUTH TEXAS 1</u> HOUSTON LIGHTING & POWER COMPANY 12 MI SSW OF BAY CITY, TEX	05000498	WEST BECH EBASCO	3800#	1250##	12/22/75C 12/00/86	PWR	OL
<u>SOUTH TEXAS 2</u> HOUSTON LIGHTING & POWER COMPANY 12 MI SSW OF BAY CITY, TEX	05000499	WEST BECH EBASCO	3800#	1250##	12/22/75C 12/00/88	PWR	OL
<u>ST LUCIE 1</u> FLORIDA POWER & LIGHT 12 MI SE OF FT. PIERCE, FLA	05000335	COMB EBASCO EBASCO	2700	822	07/01/70C 03/01/76C 12/21/76C	PWR	LIC
<u>ST LUCIE 2</u> FLORIDA POWER & LIGHT 12 MI SE OF FT. PIERCE, FLA	05000389	COMB EBASCO EBASCO	2560	786	05/02/77C 06/10/83C 08/08/83C	PWR	LIC
<u>SUMMER 1</u> SOUTH CAROLINA ELECTRIC & GAS CO. 26 MI NW OF COLUMBIA, SC	05000395	WEST GIL DANIEL	2775	900	03/21/73C 11/12/82C	PWR	LIC
<u>SURRY 1</u> VIRGINIA ELECTRIC & POWER 17 MI NW OF NEWPORT NEWS, VA	05000280	WEST S&W S&W	2441	775	06/25/68C 05/25/72C 12/22/72C	PWR	LIC

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<u>SURRY 2</u> VIRGINIA ELECTRIC & POWER 17 MI NW OF NEWPORT NEWS, VA	05000281	WEST S&W S&W	2441	775	06/25/68C 01/29/73C 05/01/73C	PWR	LIC
<u>SUSQUEHANNA 1</u> PENNSYLVANIA POWER & LIGHT 7 MI NE OF BERWICK, PA	05000387	GE BECH BECH	3293	1036	11/02/73C 11/12/82C 06/08/83C	BWR	LIC
<u>SUSQUEHANNA 2</u> PENNSYLVANIA POWER & LIGHT 7 MI NE OF BERWICK, PA	05000388	GE BECH BECH	3440*	1052**	11/02/73C 02/00/84	BWR	OL
<u>THREE MILE ISLAND 1</u> GPU NUCLEAR CORP. 10 MI SE OF HARRISBURG, PA	05000289	B&W GIL UEC	2535	776	05/18/68C 04/19/74C 09/02/74C	PWR	LIC
<u>THREE MILE ISLAND 2</u> GPU NUCLEAR CORP. 10 MI SE OF HARRISBURG, PA	05000320	B&W B&R UEC	2772	906**	11/04/69C 02/08/78C 12/30/78C	PWR	SD
<u>TROJAN</u> PORTLAND GENERAL ELECTRIC 42 MI N OF PORTLAND, ORE	05000344	WEST BECH BECH	3411	1080	02/08/71C 11/21/75C 05/20/76C	PWR	LIC
<u>TURKEY POINT 3</u> FLORIDA POWER & LIGHT 25 MI S OF MIAMI, FLA	05000250	WEST BECH BECH	2200	666	04/27/67C 07/19/72C 12/14/72C	PWR	LIC
<u>TURKEY POINT 4</u> FLORIDA POWER & LIGHT 25 MI S OF MIAMI, FLA	05000251	WEST BECH BECH	2200	666	04/27/67C 04/10/73C 09/07/73C	PWR	LIC
<u>VERMONT YANKEE 1</u> VERMONT YANKEE NUCLEAR POWER 5 MI S OF BRATTLEBORO, VT	05000271	GE EBASCO EBASCO	1593	504	12/11/67C 02/28/73C 11/30/72C	BWR	LIC
<u>VOGTLE 1</u> GEORGIA POWER 25 MI SSE OF AUGUSTA, GA	05000424	WEST SSC/BEC GPO	3565*	1210**	06/28/74C 09/00/86	PWR	OL
<u>VOGTLE 2</u> GEORGIA POWER 25 MI SSE OF AUGUSTA, GA	05000425	WEST SSC/BEC GPO	3565*	1210**	06/28/74C 04/01/88	PWR	OL

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<u>WASHINGTON NUCLEAR 1</u> WASHINGTON PUBLIC POWER SUPPLY SYSTEM 10 MI N OF RICHLAND, WA	05000460	B&W UEC BECH	3760#	1266##	12/24/75C N/S	PWR	OL
<u>WASHINGTON NUCLEAR 2</u> WASHINGTON PUBLIC POWER SUPPLY SYSTEM 30 MI NW OF RICHLAND, WASH	05000397	GE B&R BECH	3323#	1103##	03/19/73C 02/00/84	BWR	LIC*
<u>WASHINGTON NUCLEAR 3</u> WASHINGTON PUBLIC POWER SUPPLY SYSTEM 26 MI W OF OLYMPIA, WA	05000508	COMB EBASCO EBASCO	3800#	1242##	04/11/78C 06/00/87	PWR	OL
<u>WATERFORD 3</u> LOUISIANA POWER & LIGHT 20 MI W OF NEW ORLEANS, LA	05000382	COMB EBASCO EBASCO	3560#	1151##	11/14/74C 05/00/84	PWR	OL
<u>WATTS BAR 1</u> TENNESSEE VALLEY AUTHORITY 10 MI S OF SPRING CITY, TENN	05000390	WEST TVA TVA	3411#	1165##	01/23/73C 04/00/84	PWR	OL
<u>WATTS BAR 2</u> TENNESSEE VALLEY AUTHORITY 10 MI S OF SPRING CITY, TENN	05000391	WEST TVA TVA	3411#	1165##	01/23/73C 10/00/85	PWR	OL
<u>WOLF CREEK 1</u> KANSAS GAS & ELECTRIC 3.5 MI NE OF BURLINGTON, KAN	05000482	WEST BECH DANIEL	3425#	1150##	05/17/77C 08/00/84	PWR	OL
<u>YANKEE-ROWE 1</u> YANKEE ATOMIC ELECTRIC 25 MI NE OF PITTSFIELD, MASS	05000029	WEST S&W S&W	600	175	11/04/57C 07/29/60C 07/01/61C	PWR	LIC
<u>YELLOW CREEK 1</u> TENNESSEE VALLEY AUTHORITY 15 MI E OF CORINTH, MISS	05000566	COMB TVA TVA	3300#	1285##	11/29/78C N/S	PWR	PCP
<u>YELLOW CREEK 2</u> TENNESSEE VALLEY AUTHORITY 15 MI E OF CORINTH, MISS	05000567	COMB TVA TVA	3300#	1285##	11/29/78C N/S	PWR	PCP
<u>ZIMMER 1</u> CINCINNATI GAS & ELECTRIC 24 MI SE OF CINCINNATI, OH	05000358	GE S&L KAISER	2436	810##	10/27/72C 12/00/84	BWR	OL

- # - WHERE A PLANT DOES NOT HAVE LIC. THERMAL POWER, DESIGN THERMAL POWER IS SHOWN.
- ## - WHERE NO MAX. DEP. CAPACITY (MDC) EXISTS, DESIGN ELEC. POWER IS INDICATED.
- * - LICENSED FOR LOW POWER TESTING

U.S. POWER REACTORS 12/31/83

PLANT UTILITY LOCATION	DOCKET NO.	NSSS AE CONTR.	LIC. MWT	MDC NET MWE	CP ISSUED OL ISSUED COMM. CP.	TYPE	STAGE
<u>ZION 1</u> COMMONWEALTH EDISON 40 MI N OF CHICAGO, ILL	05000295	WEST S&L CWE	3250	1040	12/26/68C 10/19/73C 12/31/73C	PWR	LIC
<u>ZION 2</u> COMMONWEALTH EDISON 40 MI N OF CHICAGO, ILL	05000304	WEST S&L CWE	3250	1040	12/26/68C 11/14/73C 09/17/74C	PWR	LIC

LICENSED U.S. POWER REACTORS

LEGEND

POL: PROVISIONAL
OPERATING LICENSE
FTL: FULL-TERM LICENSE
SPL: SIGNIFICANT POWER
LICENSE
* : HAVE APPLIED FOR
FULL-TERM LICENSE

DATA AS OF: 12/31/83
SOURCE: RM

NO.	PLANT	UTILITY	TYPE	DATE	LIC.
1	YANKEE-ROWE 1	YANKEE ATOMIC POWER CO.	PWR	07/29/60	POL
2	BIG ROCK POINT 1	CONSUMERS POWER CO.	BWR	06/23/61	FTL
3	SAN ONOFRE 1	SOUTHERN CALIFORNIA EDISON CO.	PWR	08/30/62	POL
4	HADDAM NECK	CONNECTICUT YANKEE ATOMIC POWER CO	PWR	05/01/64	FTL
5	LA CROSSE	DAIRYLAND COOPERATIVE POWER	PWR	03/27/67	POL*
6	OYSTER CREEK 1	JERSEY CENTRAL POWER & LIGHT CO.	PWR	06/30/67	POL
7	NINE MILE POINT 1	NIAGARA MOHAWK POWER CORP.	BWR	12/27/74	FTL
8	GINNA	ROCHESTER GAS & ELECTRIC CORP.	BWR	07/03/67	POL*
9	DRESDEN 2	COMMONWEALTH EDISON CO.	BWR	04/09/69	POL*
10	ROBINSON 2	CAROLINA POWER & LIGHT CO.	BWR	08/22/69	POL
11	POINT BEACH 1	WISCONSIN-MICHIGAN POWER CO.	PWR	12/26/74	FTL
12	MILLSTONE 1	NORTHEAST NUCLEAR ENERGY CO.	PWR	09/19/69	POL*
13	MONTICELLO	NORTHERN STATES POWER CO.	BWR	12/22/69	POL*
14	DRESDEN 3	COMMONWEALTH EDISON CO.	PWR	09/23/70	FTL
15	SURRY 1	VIRGINIA ELECTRIC & POWER CO.	BWR	10/05/70	FTL
16	TURKEY POINT 3	FLORIDA POWER & LIGHT CO.	BWR	10/26/70	POL*
17	PILGRIM 1	BOSTON EDISON CO.	BWR	01/19/71	POL
18	PALISADES	CONSUMERS POWER CO.	BWR	01/09/81	FTL
19	QUAD CITIES 1	COMMONWEALTH EDISON CO.	BWR	03/02/71	FTL
20	QUAD CITIES 2	COMMONWEALTH EDISON CO.	PWR	05/25/72	FTL
21	SURRY 2	VIRGINIA ELECTRIC & POWER CO.	PWR	07/19/72	FTL
22	OCONEE 1	DUKE POWER CO.	BWR	09/15/72	FTL
23	VERMONT YANKEE 1	VERMONT YANKEE NUCLEAR POWER CORP.	PWR	10/16/72	POL*
24	POINT BEACH 2	WISCONSIN-MICHIGAN ELECTRIC CO.	BWR	12/14/72	FTL
25	TURKEY POINT 4	FLORIDA POWER & LIGHT CO.	BWR	12/14/72	FTL
26	MAINE YANKEE	MAINE YANKEE ATOMIC POWER CO.	PWR	01/29/73	FTL
27	FORT CALHOUN 1	OMAHA PUBLIC POWER DISTRICT	PWR	02/06/73	FTL
28	INDIAN POINT 2	CONSOLIDATED EDISON CO.	BWR	02/28/73	FTL
29	OCONEE 2	DUKE POWER CO.	PWR	03/08/73	FTL
30	ZION 1	COMMONWEALTH EDISON CO.	PWR	04/10/73	FTL
31	PEACH BOTTOM 2	PHILADELPHIA ELECTRIC CO.	PWR	06/29/73	FTL
32	ZION 2	COMMONWEALTH EDISON CO.	BWR	08/09/73	FTL
33	BROWNS FERRY 1	TENNESSEE VALLEY AUTHORITY	PWR	09/28/73	FTL
34	FORT ST. VRAIN	PUBLIC SERVICE CO. OF COLORADO	BWR	10/06/73	FTL
35	KEWAUNEE	WISCONSIN PUBLIC SERVICE CORP.	HTGR	10/19/73	FTL
36	COOPER STATION	NEBRASKA PUBLIC POWER DISTRICT	PWR	10/25/73	FTL
37	DUANE ARNOLD	IOWA ELECTRIC LIGHT & POWER CO.	BWR	11/14/73	FTL
38	PRAIRIE ISLAND 1	NORTHERN STATES POWER CO.	BWR	12/20/73	FTL
39	THREE MI. ISLAND 1	GPU NUCLEAR CORP.	PWR	12/21/73	FTL
40	ARKANSAS 1	ARKANSAS POWER & LIGHT CO.	PWR	01/18/74	FTL
41	BROWNS FERRY 2	TENNESSEE VALLEY AUTHORITY	BWR	02/22/74	FTL
42	PEACH BOTTOM 3	PHILADELPHIA ELECTRIC CO.	BWR	04/05/74	FTL
43	OCONEE 3	DUKE POWER CO.	PWR	04/19/74	FTL
				05/21/74	FTL
				06/28/74	FTL
				07/02/74	FTL
				07/19/74	FTL

LICENSED U.S. POWER REACTORS

NO.	PLANT	UTILITY	TYPE	DATE	LIC.
44	CALVERT CLIFFS 1	BALTIMORE GAS & ELECTRIC CO.	PWR	07/31/74	FTL
45	HATCH 1	GEORGIA POWER CO.	BWR	08/06/74	FTL
46	RANCHO SECO 1	SACRAMENTO MUNICIPAL UTIL. DIST.	PWR	08/16/74	FTL
47	FITZPATRICK	POWER AUTH. OF THE STATE OF N.Y.	BWR	10/17/74	FTL
48	COOK 1	INDIANA & MICHIGAN ELECTRIC CO.	PWR	10/25/74	FTL
49	PRAIRIE ISLAND 2	NORTHERN STATES POWER CO.	PWR	10/29/74	FTL
50	BRUNSWICK 2	CAROLINA POWER & LIGHT CO.	BWR	12/27/74	FTL
51	MILLSTONE 2	NORTHEAST NUCLEAR ENERGY CO.	PWR	08/01/75	FTL
52	TROJAN	PORTLAND GENERAL ELECTRIC CO.	PWR	11/21/75	FTL
53	BEAVER VALLEY 1	DUQUESNE LIGHT CO.	PWR	01/30/76	FTL
54	ST. LUCIE 1	FLORIDA POWER & LIGHT CO.	PWR	03/01/76	FTL
55	INDIAN POINT 3	POWER AUTH. OF THE STATE OF N.Y.	PWR	04/05/76	FTL
56	BROWNS FERRY 3	TENNESSEE VALLEY AUTHORITY	BWR	07/02/76	FTL
57	BRUNSWICK 1	CAROLINA POWER & LIGHT CO.	BWR	11/12/76	FTL
58	CALVERT CLIFFS 2	BALTIMORE GAS & ELECTRIC CO.	PWR	11/30/76	FTL
59	SALEM 1	PUBLIC SERVICE ELECTRIC & GAS CO.	PWR	12/01/76	FTL
60	CRYSTAL RIVER 3	FLORIDA POWER CORP.	PWR	01/31/77	FTL
61	DAVIS-BESSE 1	TOLEDO EDISON CO.	PWR	04/22/77	FTL
62	FARLEY 1	ALABAMA POWER CO.	PWR	06/25/77	FTL
63	NORTH ANNA 1	VIRGINIA ELECTRIC & POWER CO.	PWR	11/26/77	FTL
64	COOK 2	INDIANA MICHIGAN ELECTRIC CO.	PWR	12/23/77	FTL
65	HATCH 2	GEORGIA POWER CO.	BWR	06/13/78	FTL
66	ARKANSAS 2	ARKANSAS POWER & LIGHT CO.	PWR	09/01/78	FTL
67	NORTH ANNA 2	VIRGINIA ELECTRIC & POWER CO.	PWR	08/21/80	FTL
68	SEQUOYAH 1	TENNESSEE VALLEY AUTHORITY	PWR	09/17/80	FTL
69	FARLEY 2	ALABAMA POWER CO.	PWR	03/31/81	FTL
70	SALEM 2	PUBLIC SERVICE ELECTRIC & GAS CO.	PWR	05/20/81	FTL
71	MCGUIRE 1	DUKE POWER CO.	PWR	07/08/81	FTL
72	SEQUOYAH 2	TENNESSEE VALLEY AUTHORITY	PWR	09/15/81	FTL
73	LASALLE 1	COMMONWEALTH EDISON	BWR	08/13/82	FTL
74	SAN ONOFRE 2	SOUTHERN CALIFORNIA EDISON	PWR	09/07/82	FTL
75	SUSQUEHANNA 1	PENNSYLVANIA POWER & LIGHT	BWR	11/12/82	FTL
76	SUMMER 1	SOUTH CAROLINA ELECTRIC & GAS CO.	PWR	11/12/82	FTL
77	MCGUIRE 2	DUKE POWER	PWR	05/27/83	FTL
78	ST. LUCIE 2	FLORIDA POWER & LIGHT	PWR	06/10/83	FTL
79	SAN ONOFRE 3	SOUTHERN CALIFORNIA EDISON	PWR	09/16/83	FTL

LICENSED FOR LOW POWER TESTING

1	GRAND GULF 1	MISSISSIPPI POWER & LIGHT CO.	BWR	06/16/82	
2	LASALLE 2	COMMONWEALTH EDISON	BWR	12/16/83	
3	WASH. NUCLEAR 2	WASH. PUBLIC POWER SUPPLY SYSTEM	BWR	12/20/83	

LICENSED BUT SHUT DOWN INDEFINITELY

1	DRESDEN 1	COMMONWEALTH EDISON CO.	BWR	06/02/60	POL
2	HUMBOLDT BAY	PACIFIC GAS & ELECTRIC CO.	BWR	10/14/60	FTL
3	THREE MI. ISLAND 2	GPU NUCLEAR CORP.	PWR	08/28/62	POL
				01/21/69	FTL
				02/08/78	FTL

LICENSED U.S. POWER REACTORS

U.S. POWER REACTORS WITH LICENSES TERMINATED

LICENSED BUT SHUT DOWN PERMANENTLY					
1	INDIAN POINT 1	CONSOLIDATED EDISON	PWR	03/26/62	SPL
2	HALLAM	CONSUMERS PUBLIC	SGR	08/09/62	SPL
3	ELK RIVER	RURAL COOPERATIVE POWER	BWR	11/10/62	SPL
4	CVTR	CAROLINAS-VIRGINIA NUCLEAR POWER	HWR	11/27/62	SPL
5	PIQUA	PIQUA MUNICIPAL UTILITIES	OMR	05/16/63	SPL
6	ENRICO FERMI 1	POWER REACTOR DEVELOPMENT	FBR	07/11/63	SPL
7	PATHFINDER	NORTHERN STATES POWER	BWR	03/12/64	SPL
8	BONUS	P.R. WATER RESOURCES AUTHORITY	BWR	04/02/64	SPL
9	PEACH BOTTOM 1	PHILADELPHIA ELECTRIC	HTGR	01/12/67	SPL

NOTE: SIGNIFICANT POWER LICENSE (SPL) = OVER 50% OF RATED POWER.

REACTOR TYPES:

BWR - BOILING WATER REACTOR

FBR - FAST BREEDER REACTOR

HTGR - HIGH-TEMPERATURE GAS REACTOR

HWR - HEAVY WATER REACTOR

LMFBR - LIQUID METAL FAST BRDR. REACT.

OMR - ORGANIC-MODERATED (POWER) REACTOR

PWR - PRESSURIZED WATER REACTOR

SGR - SODIUM-GRAPHITE REACTOR

PLANT CANCELLATIONS*

2.27

DATA AS OF: 12/31/83

PLANTS UNDER CONSTRUCTION PERMIT REVIEW

PLANT	UTILITY	TYPE	MWE/PER UNIT	DATE
TYRONE 2	NORTHERN STATES POWER	PWR	1250	FY-75
QUANICASSEE 1 & 2	CONSUMERS POWER	PWR	1150	FY-75
PILGRIM 3	BOSTON EDISON	PWR	1180	FY-75
BARTON 3 & 4	ALABAMA POWER & LIGHT	BWR	1159	FY-76
SUMMIT 2	DELMARVA POWER & LIGHT	HTGR	1200	FY-77
ALLENS CREEK 2	HOUSTON LIGHTING AND POWER COMPANY	BWR	1213	FY-77
BLUE HILLS 1 & 2	GULF STATES UTILITIES	PWR	918	FY-78
SUMMIT 1	DELMARVA POWER AND LIGHT	HTGR	1200	FY-78
SUNDESERT 1 & 2	SAN DIEGO GAS AND ELECTRIC	PWR	974	FY-78
DOUGLAS POINT 2	POTOMAC ELECTRIC POWER	BWR	1146	FY-78
BARTON 1 & 2	ALABAMA POWER & LIGHT	BWR	1159	FY-78
FORT CALHOUN 2	OMAHA PUBLIC POWER DISTRICT	PWR	1136	FY-78
HAVEN 2 **	WISCONSIN ELECTRIC POWER CO.	PWR	900	FY-79
ATLANTIC 1 & 2	PUBLIC SERVICE ELECTRIC AND GAS	PWR	1150	FY-79
GREENE COUNTY	POWER AUTHORITY OF STATE OF NEW YORK	PWR	1191	FY-79
PALO VERDE 4 & 5	ARIZONA PUBLIC SERVICE	PWR	1270	FY-79
DOUGLAS POINT 1	POTOMAC ELECTRIC POWER	BWR	1146	FY-79
FULTON 1 & 2	PHILADELPHIA ELECTRIC	HTGR	1160	FY-79
NORTH COAST 2	PUERTO RICO WATER RESOURCES AUTHORITY	PWR	583	FY-79
ERIE 1 & 2	OHIO EDISON CO.	PWR	1260	FY-80
DAVIS-BESSE 2 & 3	TOLEDO EDISON CO.	PWR	906	FY-80
NEW ENGLAND 1 & 2	NEW ENGLAND POWER	PWR	1194	FY-80
HAVEN 1 **	WISCONSIN ELECTRIC POWER CO.	PWR	900	FY-80
GREENWOOD 2 & 3	DETROIT EDISON	PWR	1200	FY-80
MONTAGUE 1 & 2	NORTHEAST NUCLEAR ENERGY CO.	BWR	1150	FY-81
NEW HAVEN 1 & 2	NEW YORK STATE ELECTRIC & GAS	PWR	1250	FY-81
PILGRIM 2	BOSTON EDISON	PWR	1180	FY-81
PERKINS 1, 2 & 3	DUKE POWER	PWR	1280	FY-82
BLACK FOX 1 & 2	PUBLIC SERVICE OF OKLAHOMA	BWR	1150	FY-82
ALLENS CREEK 1	HOUSTON LIGHTING & POWER	BWR	1150	FY-82
PEBBLE SPRINGS 1&2	PORTLAND GENERAL ELECTRIC	PWR	1260	FY-83
SKAGIT/HANFORD 1&2	PUGET SOUND POWER & LIGHT	BWR	1277	FY-83

* CANCELLATION IS DEFINED AS PUBLIC ANNOUNCEMENT OF CANCELLATION OR WRITTEN NOTIFICATION TO NRC. ONLY DOCKETED APPLICATIONS ARE INDICATED. PRIOR TO FY-75 NO UNITS WERE CANCELLED WHICH HAD RECEIVED CONSTRUCTION PERMITS.

** RENAMED FROM KOSHKONONG 1 & 2.

PLANT CANCELLATIONS*

DATA AS OF: 12/31/83

PLANTS WITH CONSTRUCTION PERMITS

PLANT	UTILITY	TYPE	MWE/PER UNIT	DATE
VOGTLE 3 & 4	GEORGIA POWER	PWR	1150	FY-75
SURRY 3 & 4	VIRGINIA ELECTRIC AND POWER	PWR	882	FY-77
TYRONE 1	NORTHERN STATES POWER	PWR	1150	FY-79
STERLING 1	ROCHESTER GAS & ELECTRIC CORP.	PWR	1150	FY-80
FORKED RIVER	JERSEY CENTRAL POWER & LIGHT	PWR	1070	FY-81
NORTH ANNA 4	VIRGINIA ELECTRIC & POWER CO.	PWR	907	FY-81
JAMESPORT 1 & 2	LONG ISLAND LIGHTING CO.	PWR	1150	FY-81
BAILLY 1	NORTHERN INDIANA PUBLIC SERVICE	BWR	660	FY-81
CALLAWAY 2	UNION ELECTRIC	PWR	1150	FY-82
HARRIS 3 & 4	CAROLINA POWER & LIGHT	PWR	915	FY-82
HOPE CREEK 2	PUBLIC SERVICE ELECTRIC & GAS	BWR	1067	FY-82
WASH. NUCLEAR 4	WASH. PUBLIC POWER SUPPLY SYSTEM	PWR	1267	FY-82
WASH. NUCLEAR 5	WASH. PUBLIC POWER SUPPLY SYSTEM	PWR	1242	FY-82
PHIPPS BEND 1 & 2	TENNESSEE VALLEY AUTHORITY	BWR	1220	FY-82
HARTSVILLE B1 & B2	TENNESSEE VALLEY AUTHORITY	BWR	1205	FY-82
NORTH ANNA 3	VIRGINIA ELECTRIC & POWER CO.	PWR	907	FY-83
CHEROKEE 2&3	DUKE POWER	PWR	1280	FY-83
CHEROKEE 1	DUKE POWER	PWR	1280	FY-83
CLINTON 2	ILLINOIS POWER	BWR	950	FY-84
HARRIS 2	CAROLINA POWER & LIGHT	PWR	915	FY-84

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SOURCE: RM

REACTORS BY STATE

DATA AS OF: DEC. 31, 1983

SOURCE: RM

2.29

STATE	STATE	STATE
<u>ALABAMA</u> BROWNS FERRY 1 BROWNS FERRY 2 BROWNS FERRY 3 FARLEY 1 FARLEY 2 BELLEFONTE 1 BELLEFONTE 2	<u>LOUISIANA</u> RIVERBEND 1 RIVERBEND 2 WATERFORD 3	<u>OHIO</u> DAVIS-BESSE 1 ZIMMER 1 PERRY 1 PERRY 2
<u>ARKANSAS</u> ARKANSAS 1 ARKANSAS 2	<u>MAINE</u> MAINE YANKEE	<u>OREGON</u> TROJAN
<u>ARIZONA</u> PALO VERDE 1 PALO VERDE 2 PALO VERDE 3	<u>MARYLAND</u> CALVERT CLIFFS 1 CALVERT CLIFFS 2	<u>PENNSYLVANIA</u> BEAVER VALLEY 1 BEAVER VALLEY 2 PEACH BOTTOM 2 PEACH BOTTOM 3 THREE MI. ISLAND 1 THREE MI. ISLAND 2 LIMERICK 1 LIMERICK 2 SUSQUEHANNA 1 SUSQUEHANNA 2
<u>CALIFORNIA</u> HUMBOLDT BAY RANCHO SECO 1 SAN ONOFRE 1 DIABLO CANYON 1 DIABLO CANYON 2 SAN ONOFRE 2 SAN ONOFRE 3	<u>MASSACHUSETTS</u> PILGRIM 1 YANKEE-ROWE 1	<u>SOUTH CAROLINA</u> OCONEE 1 OCONEE 2 OCONEE 3 ROBINSON 2 CATAWBA 1 CATAWBA 2 SUMMER 1
<u>COLORADO</u> FT. ST. VRAIN	<u>MICHIGAN</u> PALISADES BIG ROCK POINT 1 COOK 1 COOK 2 FERMI 2 MIDLAND 1 MIDLAND 2	<u>TENNESSEE</u> HARTSVILLE 1 HARTSVILLE 2 SEQUOYAH 1 SEQUOYAH 2 WATTS BAR 1 WATTS BAR 2 CLINCH RIVER
<u>CONNECTICUT</u> HADDAM NECK MILLSTONE 1 MILLSTONE 2 MILLSTONE 3	<u>MINNESOTA</u> MONTICELLO PRAIRIE ISLAND 1 PRAIRIE ISLAND 2	<u>TEXAS</u> COMANCHE PEAK 1 COMANCHE PEAK 2 SOUTH TEXAS 1 SOUTH TEXAS 2
<u>FLORIDA</u> ST. LUCIE 1 ST. LUCIE 2 TURKEY POINT 3 TURKEY POINT 4 CRYSTAL RIVER 3	<u>MISSISSIPPI</u> GRAND GULF 1 GRAND GULF 2 YELLOW CREEK 1 YELLOW CREEK 2	<u>VERMONT</u> VERMONT YANKEE 1
<u>GEORGIA</u> HATCH 1 HATCH 2 VOGTLE 1 VOGTLE 2	<u>MISSOURI</u> CALLAWAY 1	<u>VIRGINIA</u> NORTH ANNA 1 NORTH ANNA 2 SURREY 1 SURREY 2
<u>ILLINOIS</u> DRESDEN 1 DRESDEN 2 DRESDEN 3 QUAD CITIES 1 QUAD CITIES 2 ZION 1 ZION 2 BRAIDWOOD 1 BRAIDWOOD 2 BYRON 1 BYRON 2 CLINTON 1 LASALLE 1 LASALLE 2	<u>NEBRASKA</u> FT. CALHOUN 1 COOPER STATION	<u>WASHINGTON</u> WASH. NUCLEAR 1 WASH. NUCLEAR 2 WASH. NUCLEAR 3
<u>INDIANA</u> MARBLE HILL 1 MARBLE HILL 2	<u>NEW HAMPSHIRE</u> SEABROOK 1 SEABROOK 2	<u>WISCONSIN</u> KEWAUNEE POINT BEACH 1 POINT BEACH 2 LA CROSSE
<u>IOWA</u> DUANE ARNOLD	<u>NEW JERSEY</u> OYSTER CREEK 1 SALEM 1 SALEM 2 HOPE CREEK 1	
<u>KANSAS</u> WOLF CREEK 1	<u>NEW YORK</u> FITZPATRICK GINNA INDIAN POINT 2 INDIAN POINT 3 NINE MILE POINT 1 NINE MILE POINT 2 SHOREHAM	
	<u>NORTH CAROLINA</u> BRUNSWICK 1 BRUNSWICK 2 HARRIS 1 MCGUIRE 1 MCGUIRE 2	

REACTORS BY UTILITY OWNER

DATA AS OF: 12/31/83
SOURCE: RM

UTILITY	PLANT
ALABAMA POWER CO.	FARLEY 1 & 2
ARIZONA PUBLIC SERVICE	PALO VERDE 1, 2 & 3
ARKANSAS POWER & LIGHT	ARKANSAS 1 & 2
BALTIMORE GAS & ELEC	CALVERT CLIFFS 1 & 2
BOSTON EDISON	PILGRIM 1
CAROLINA POWER & LIGHT	BRUNSWICK 1 & 2
CAROLINA POWER & LIGHT	HARRIS 1
CAROLINA POWER & LIGHT	ROBINSON 2
CINCINNATI GAS & ELECTRIC	ZIMMER 1
CLEVELAND ELECTRIC ILLUMINATING	PERRY 1 & 2
COMMONWEALTH EDISON	BRAIDWOOD 1 & 2
COMMONWEALTH EDISON	BYRON 1 & 2
COMMONWEALTH EDISON	DRESDEN 1, 2 & 3
COMMONWEALTH EDISON	LASALLE 1 & 2
COMMONWEALTH EDISON	QUAD CITIES 1 & 2
COMMONWEALTH EDISON	ZION 1 & 2
CONNECTICUT YANKEE ATOMIC POWER	HADDAM NECK
CONSOLIDATED EDISON	INDIAN POINT 2
CONSUMERS POWER	BIG ROCK POINT 1
CONSUMERS POWER	MIDLAND 1 & 2
CONSUMERS POWER	PALISADES
DAIRYLAND POWER	LA CROSSE
DETROIT EDISON	ENRICO FERMI 2
DUKE POWER	CATAWBA 1 & 2
DUKE POWER	MCGUIRE 1 & 2
DUKE POWER	OCONEE 1, 2 & 3
DUQUESNE LIGHT	BEAVER VALLEY 1 & 2
FLORIDA POWER & LIGHT	ST LUCIE 1 & 2
FLORIDA POWER & LIGHT	TURKEY POINT 3 & 4
FLORIDA POWER CORPORATION	CRYSTAL RIVER 3
GEORGIA POWER	HATCH 1 & 2
GEORGIA POWER	VOGTLE 1 & 2
GPU NUCLEAR CORP.	THREE MILE ISLAND 1 & 2
GPU NUCLEAR CORPORATION	OYSTER CREEK 1
GULF STATES UTILITIES	RIVER BEND 1 & 2
HOUSTON LIGHTING & POWER COMPANY	SOUTH TEXAS 1 & 2
ILLINOIS POWER	CLINTON 1
INDIANA & MICHIGAN ELECTRIC	COOK 1 & 2
IOWA ELECTRIC POWER & LIGHT	DUANE ARNOLD
KANSAS GAS & ELECTRIC	WOLF CREEK 1
LONG ISLAND LIGHTING CO.	SHOREHAM
LOUISIANA POWER & LIGHT	WATERFORD 3
MAINE YANKEE ATOMIC POWER	MAINE YANKEE
MISSISSIPPI POWER & LIGHT COMPANY	GRAND GULF 1 & 2
NEBRASKA PUBLIC POWER DISTRICT	COOPER STATION
NIAGARA MOHAWK POWER	NINE MILE POINT 1 & 2
NORTHEAST NUCLEAR ENERGY	MILLSTONE 1, 2 & 3
NORTHERN STATES POWER	MONTICELLO
NORTHERN STATES POWER	PRAIRIE ISLAND 1 & 2
OMAHA PUBLIC POWER DISTRICT	FORT CALHOUN 1
PACIFIC GAS & ELECTRIC	DIABLO CANYON 1 & 2
PACIFIC GAS & ELECTRIC	HUMBOLDT BAY 3

REACTORS BY UTILITY OWNER

DATA AS OF: 12/31/83
SOURCE: RM

UTILITY	PLANT
PENNSYLVANIA POWER & LIGHT	SUSQUEHANNA 1 & 2
PHILADELPHIA ELECTRIC	LIMERICK 1 & 2
PHILADELPHIA ELECTRIC	PEACH BOTTOM 2 & 3
PORTLAND GENERAL ELECTRIC	TROJAN
POWER AUTHORITY OF STATE OF N.Y.	FITZPATRICK
POWER AUTHORITY OF STATE OF N.Y.	INDIAN POINT 3
PROJECT MANAGEMENT CORP.; DOE;TVA	CLINCH RIVER
PUBLIC SERVICE ELECTRIC & GAS	HOPE CREEK 1
PUBLIC SERVICE ELECTRIC & GAS	SALEM 1 & 2
PUBLIC SERVICE OF COLORADO	FORT ST VRAIN
PUBLIC SERVICE OF INDIANA	MARBLE HILL 1 & 2
PUBLIC SERVICE OF NEW HAMPSHIRE	SEABROOK 1 & 2
ROCHESTER GAS & ELECTRIC	GINNA
SACRAMENTO MUN. UTIL. DISTRICT	RANCHO SECO 1
SOUTH CAROLINA ELECTRIC & GAS CO.	SUMMER 1
SOUTHERN CALIFORNIA EDISON	SAN ONOFRE 1, 2 & 3
TENNESSEE VALLEY AUTHORITY	BELLEFONTE 1 & 2
TENNESSEE VALLEY AUTHORITY	BROWNS FERRY 1, 2 & 3
TENNESSEE VALLEY AUTHORITY	HARTSVILLE A1,A2
TENNESSEE VALLEY AUTHORITY	SEQUOYAH 1 & 2
TENNESSEE VALLEY AUTHORITY	WATTS BAR 1 & 2
TENNESSEE VALLEY AUTHORITY	YELLOW CREEK 1 & 2
TEXAS UTILITIES GENERATING	COMANCHE PEAK 1 & 2
TOLEDO EDISON	DAVIS-BESSE 1
UNION ELECTRIC	CALLAWAY 1
VERMONT YANKEE NUCLEAR POWER	VERMONT YANKEE 1
VIRGINIA ELECTRIC & POWER	NORTH ANNA 1 & 2
VIRGINIA ELECTRIC & POWER	SURRY 1 & 2
WASHINGTON PUBLIC POWER SUPPLY SYSTEM	WASHINGTON NUCLEAR 1, 2 & 3
WISCONSIN ELECTRIC POWER COMPANY	POINT BEACH 1 & 2
WISCONSIN PUBLIC SERVICE	KEWAUNEE
YANKEE ATOMIC ELECTRIC	YANKEE-ROWE 1

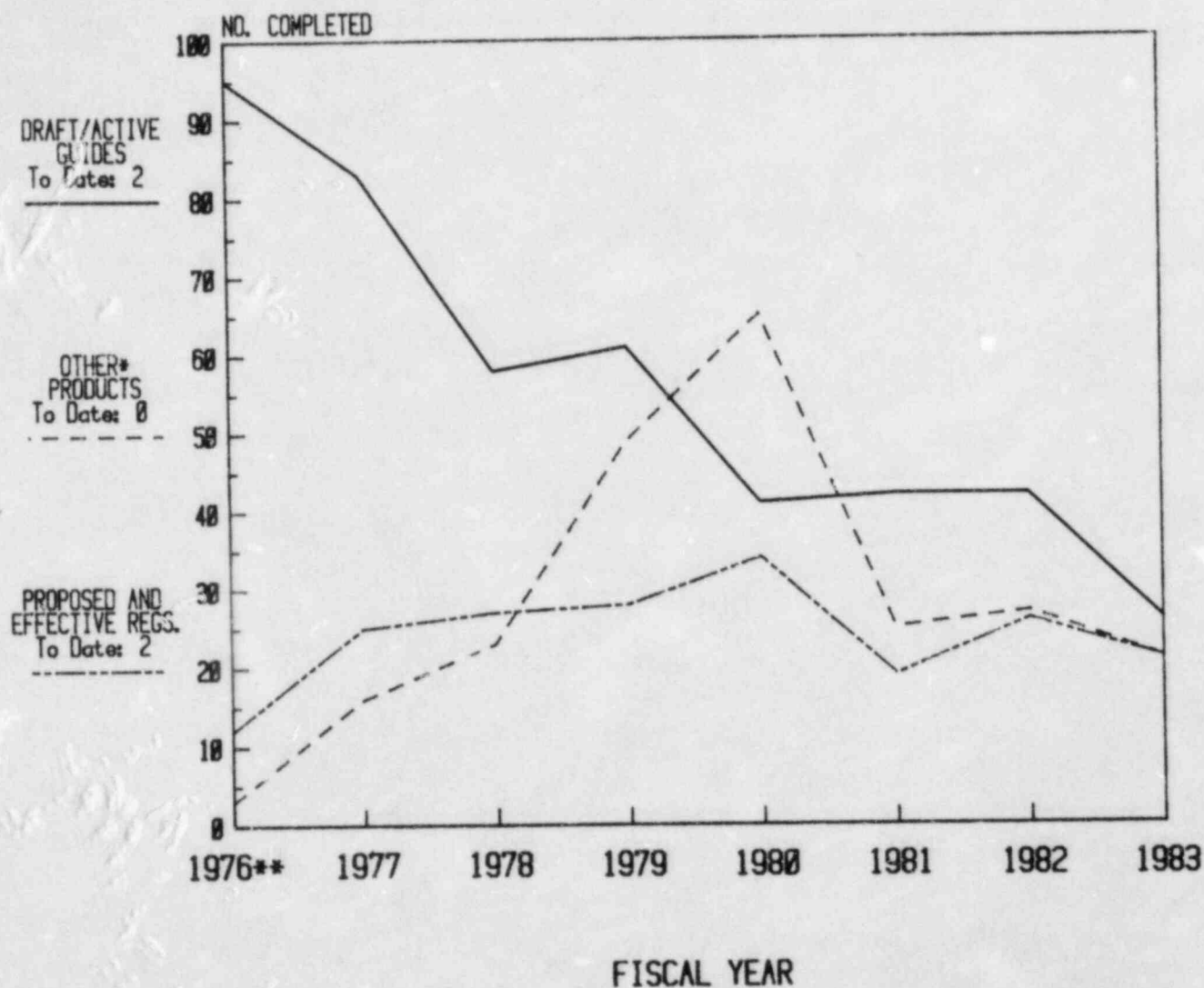
Section 3. Standards

Standards Products Completed By The Office

Of Nuclear Regulatory Research. 3.3

STANDARDS PRODUCTS COMPLETED BY THE OFFICE OF NUCLEAR REGULATORY RESEARCH

DATA AS OF: 2/20/84



* Includes: Draft Environmental Statements, Final Environmental Statements, NUREGS, Petitions for Rulemaking, Policy Statements and special projects.

** Fiscal year 1976 included an additional three month transition period and extended from July 1975 to September 1976.

SOURCE: RES

Section 4. Fuel Facilities

Major Licensed Fuel Cycle Facilities	4.2-4.3
Summary of Major Licensed Fuel Cycle Facilities.	4.4

MAJOR LICENSED FUEL CYCLE FACILITIES

Data as of: OCTOBER 26, 1983

Company-Licensee	Type Facility	City	State
Allied Chemical Corp.	Uranium Hexafluoride	Metropolis	Illinois
Atlas Minerals Inc.	Uranium Mill	Moab	Utah
Babcock & Wilcox	Fuel Fabrication- High Enriched Uranium	Lynchburg	Virginia
Babcock & Wilcox	Fuel Fabrication	Apollo	Pennsylvania
Babcock & Wilcox	Advanced Fuel R & D	Leechburg	Pennsylvania
Babcock & Wilcox	Uranium Fuel R & D	Lynchburg	Virginia
Babcock & Wilcox	Fuel Fabrication-Low Enriched Uranium	Lynchburg	Virginia
Battelle Memorial Institute	Advanced Fuel R & D	Columbus	Ohio
Battelle Pacific NW Labs.	Uranium Fuel R & D	Richland	Washington
Bear Creek Uranium Co.	Uranium Mill	Bear Creek	Wyoming
Combustion Eng., Inc.	Fuel Fabrication	Hematite	Missouri
Combustion Eng., Inc.	Fuel Fabrication	Windsor	Connecticut
Energy Fuels Nuclear, Inc.	Uranium Mill	Blanding	Utah
Exxon Minerals	Uranium Mill and Commercial Solution Mining	Converse Co.	Wyoming
Exxon Nuclear Co.	Fuel Fabrication and Advanced Fuel R & D	Richland	Washington
Federal Amer. Partners	Uranium Mill	Gas Hills	Wyoming
General Atomic Co.	Fuel Fabrication	Torrey Pines Mesa	California
General Electric Co.	Independent Spent Fuel Storage Installation	Morris	Illinois
General Electric Co.	Advanced Fuel R & D	Vallecitos	California
General Electric Co.	Uranium Fuel R & D	Pleasanton	California
General Electric Co.	Fuel Fabrication	Wilmington	N. Carolina
Ker--McGee	Fuel Fabrication	Crescent	Oklahoma

MAJOR LICENSED FUEL CYCLE FACILITIES

4.3

Company-Licensee	Type Facility	City	State
Kerr-McGee	Advanced Fuel R & D	Crescent	Oklahoma
Minerals Exploration	Uranium Mill	Sweetwater Co.	Wyoming
Nuclear Fuel Ser., Inc.	Fuel Fabrication and Advanced Fuel R & D	Erwin	Tennessee
Nuclear Fuel Ser., Inc.	Interim Spent Fuel Storage (Dormant Reprocessing)	West Valley	New York
Ogle Petroleum	Commercial Solution Mining	Fremont Co.	Wyoming
Pathfinder Mines Corp.	Uranium Mill	Gas Hills	Wyoming
Pathfinder Mines Corp.	Uranium Mill	Shirley Basin	Wyoming
Petromics, Inc.	Uranium Mill	Casper	Wyoming
Plateau Resources	Uranium Mill	Shooting Canyon	Utah
Rio Algom Corp.	Uranium Mill	Moab	Utah
Rockwell Internatl. Corp.	Fuel Fabrication and Advanced Fuel R & D	Canoga Park	California
Sequoyah Fuels Corp.	Uranium Hexafluoride	Gore	Oklahoma
Silver King Mines	Uranium Mill	Converse Co.	Wyoming
Tennessee Valley Authority*	Uranium Mill	Edgemont	South Dakota
Texas Instruments, Inc.	Fuel Fabrication	N. Attleboro	Massachusetts
Union Carbide	Uranium Mill	Gas Hills	Wyoming
Union Carbide	Advanced Fuel R & D	Tuxedo	New York
United Nuclear Corp.	Fuel Fabrication	Montville	Connecticut
United Nuclear Corp.	Fuel Fabrication	Wood River Jct	Rhode Island
University of Rochester	Uranium Fuel R & D	Rochester	New York
Western Nuclear Corp.	Uranium Mill	Jeffrey City	Wyoming
Westinghouse Elec. Co.	Advanced Fuel R & D	Cheswick	Pennsylvania
Westinghouse Elec. Co.	Fuel Fabrication	Columbia	S. Carolina
Westinghouse Elec. Co.	Uranium Fuel R & D	Waltz Mill	Pennsylvania
Wyoming Minerals	Commercial Solution Mining	Johnson Co.	Wyoming

*INACTIVE MILL; BEING DECOMMISSIONED.

SUMMARY OF MAJOR LICENSED FUEL CYCLE FACILITIES

Type	Number
Uranium Hexafluoride	2
Uranium Mill	15
Commercial Solution Mining	3
Fuel Fabrication	15
R&D Facilities	14
Interim Spent Fuel Storage	1
Independent Spent Fuel Storage Installation	1
TOTAL	51

SOURCE: NMSS

Section 5. Agreement States

Map of Agreement States 5.2

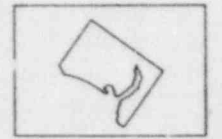
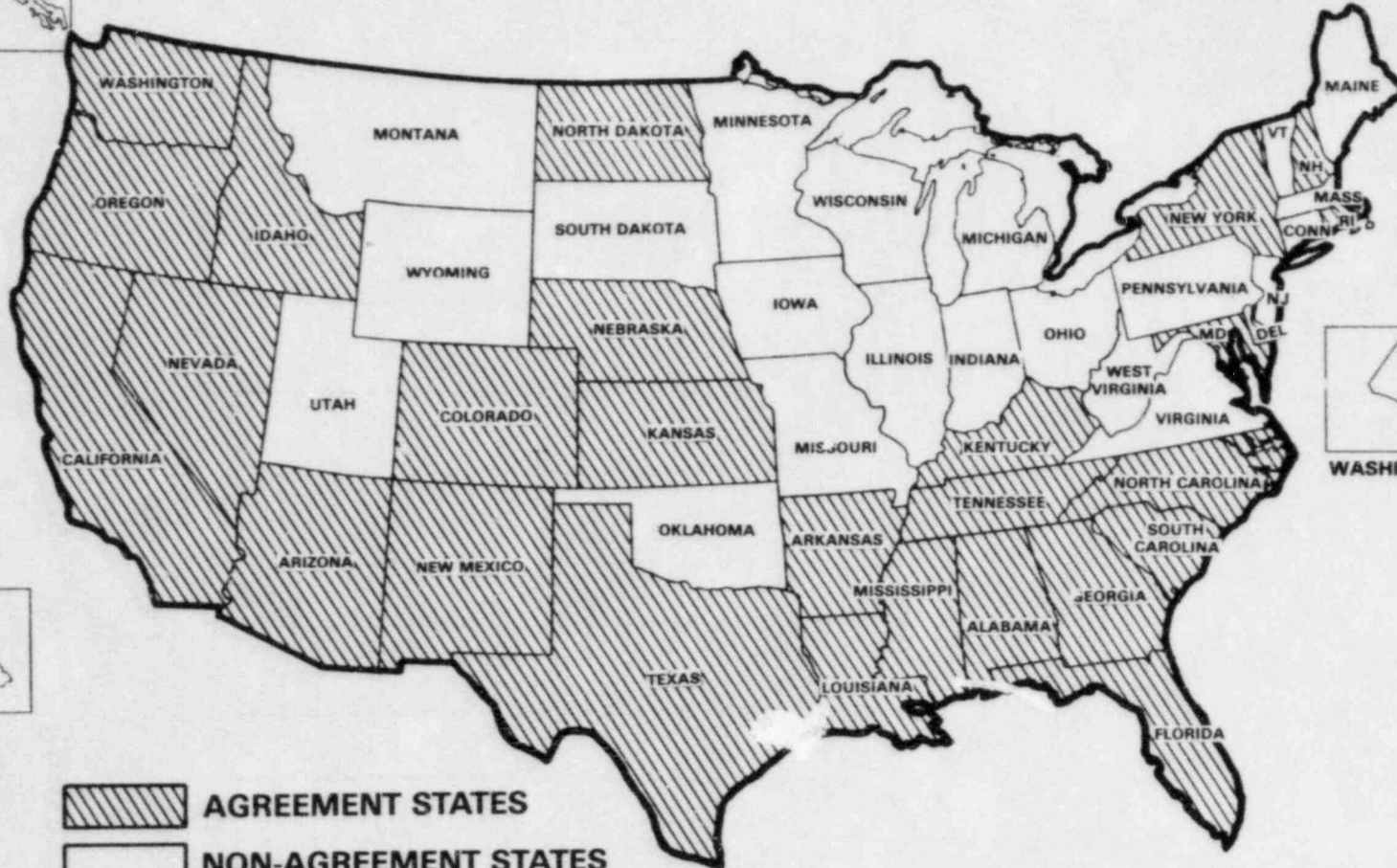
Nuclear Material Licenses in Effect 5.3

AGREEMENT STATES

DATA AS OF: JULY 7, 1982



ALASKA



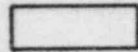
WASHINGTON D.C.



HAWAII AND U.S. POSSESSIONS



AGREEMENT STATES



NON-AGREEMENT STATES

NRC AGREEMENT STATES:

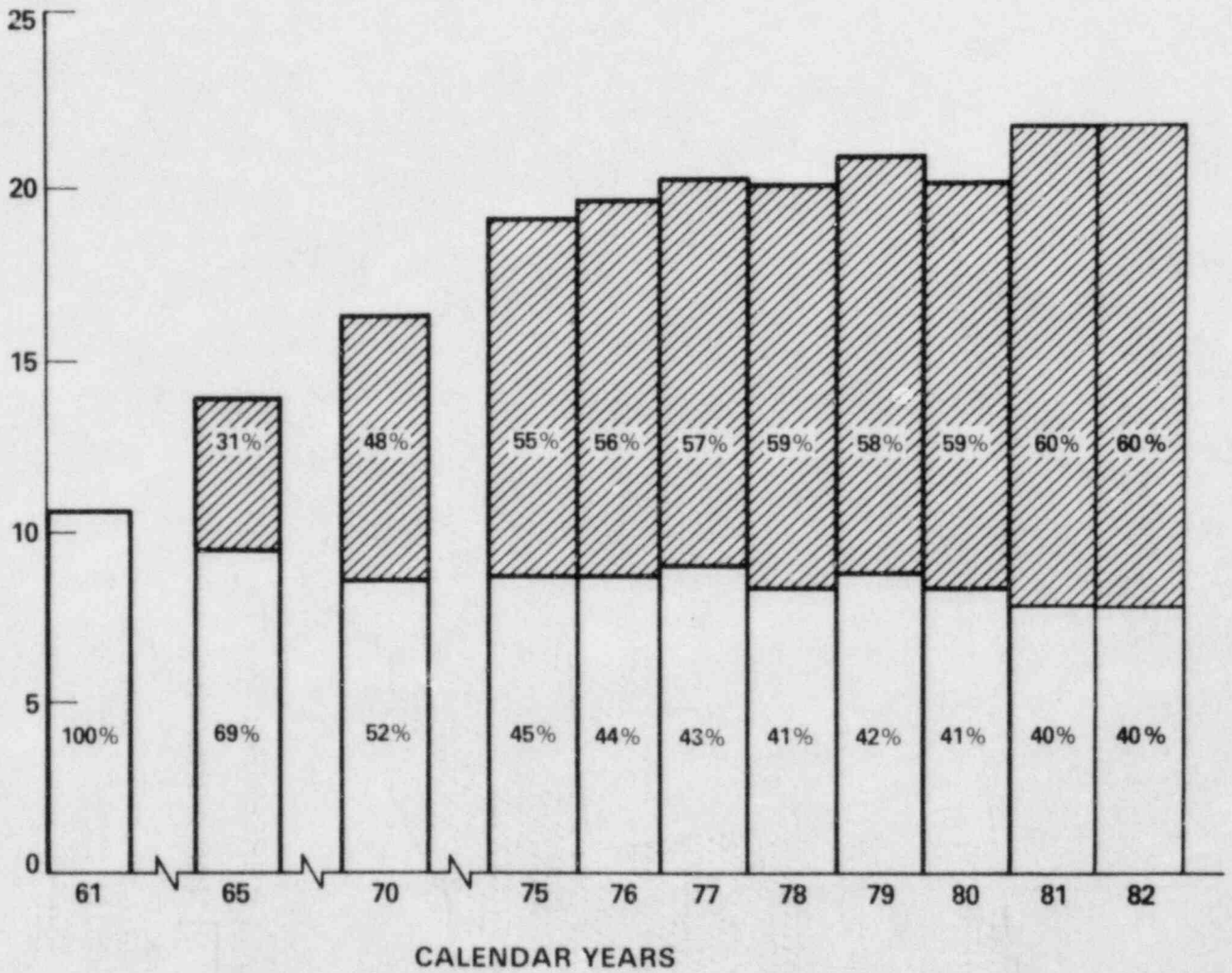
- | | | | |
|------------|-------------|----------------|----------------|
| ALABAMA | IDAHO | NEVADA | RHODE ISLAND |
| ARIZONA | KANSAS | NEW HAMPSHIRE | SOUTH CAROLINA |
| ARKANSAS | KENTUCKY | NEW MEXICO | TENNESSEE |
| CALIFORNIA | LOUISIANA | NEW YORK | TEXAS |
| COLORADO | MARYLAND | NORTH CAROLINA | WASHINGTON |
| FLORIDA | MISSISSIPPI | NORTH DAKOTA | |
| GEORGIA | NEBRASKA | OREGON | |

SOURCE: SP

THE TERM 'AGREEMENT STATE' MEANS ANY STATE WITH WHICH THE ATOMIC ENERGY COMMISSION OR NUCLEAR REGULATORY COMMISSION HAS ENTERED INTO AN EFFECTIVE AGREEMENT UNDER SUBSECTION 274B OF THE ATOMIC ENERGY ACT OF 1954, AS AMENDED. [10 CFR PART 150.3(b)]

NUCLEAR MATERIALS LICENSES IN EFFECT 1961, 1965, 1970, 1975-1982

THOUSANDS OF LICENSES



AGREEMENT STATE LICENSES
 NRC MATERIALS LICENSES

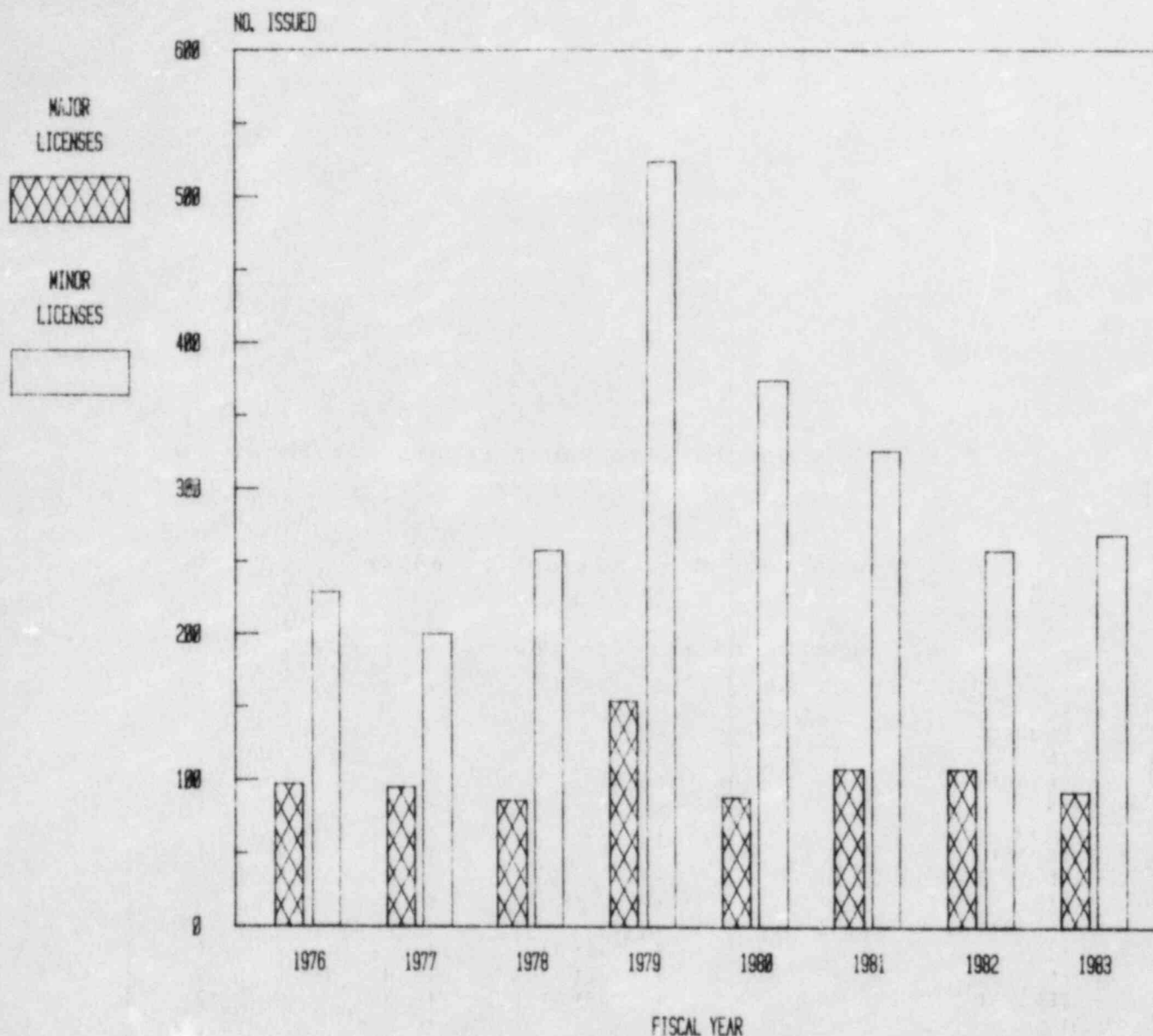
SOURCE: SP

Section 6. Export and Foreign Power Reactor Licenses

Major and Minor Export Licenses.	6.2
Summary of Foreign Power Reactors.	6.3

EXPORT LICENSES-MAJOR AND MINOR

6.2



The term "major export licenses" means licenses for the following (1) reactors (facilities); (2) special nuclear material in quantities in excess of 1 effective kilogram; (3) source material in quantities in excess of 10,000 kilograms; (4) heavy water or nuclear grade graphite in quantities in excess of 1000 kilograms; (5) license involving reprocessing, enrichment or heavy water activities; and (6) exports involving special policy considerations.

The term "minor export licenses" means all other licenses including most licenses involving byproduct materials and components.

SOURCE IP

SUMMARY OF FOREIGN POWER REACTORS

6.3

DATA AS OF: 02/21/84

COUNTRY/AREA	REACTORS OPERATING (NET MWE)	REACTORS UNDER CONST. (NET MWE)	REACTORS PLANNED	TOTAL REACTORS
ARGENTINA	2 (935)	1 (692)	-	3
AUSTRIA	1 (692)*	-	-	1
BELGIUM	5 (3,450)	2 (2,000)	1	8
BRAZIL	1 (626)	2 (2,490)	-	3
BULGARIA	4 (1,760)	1 (440)	-	5
CANADA	13 (7,410)	11 (8,072)	3	27
CHINA	0 (0)	1 (300)	4	5
CUBA	-	-	1	1
CZECHOSLOVAKIA	3 (1,320)	4 (1,760)	5	12
DENMARK	-	-	2	2
EGYPT	-	-	6	6
FINLAND	4 (2,160)	-	-	4
FRANCE	36 (27,156)	25 (29,200)	6	67
GERMAN DEMOCRATIC REPUBLIC	5 (1,830)	2 (880)	4	11
GERMAN FEDERAL REPUBLIC	12 (9,801)	8 (8,151)	10	30
GREECE	-	-	-	-
HUNGARY	1 (440)	3 (1,320)	-	4
INDIA	4 (860)	5 (1,175)	-	9
INDONESIA	-	-	1	1
IRAQ	-	-	1	1
IRELAND	-	-	1	1
ISRAEL	-	-	1	1
ITALY	3 (1,237)	3 (2,004)	1	7
JAPAN	24 (17,177)	13 (12,904)	7	44
KOREA, REPUBLIC OF SOUTH	3 (1,953)	6 (5,476)	3	12
LIBYA	-	-	1	1
LUXEMBOURG	-	-	1	1
MEXICO	-	2 (1,308)	-	2
NETHERLANDS	2 (493)	-	-	2
NORWAY	-	-	1	1
PAKISTAN	1 (125)	-	-	1
PHILIPPINES	-	1 (620)	1	2
POLAND	-	4 (1,760)	0	4
ROMANIA	-	5 (3,330)	5	10
SOUTH AFRICA, REPUBLIC OF	-	1 (940)	1	2
SPAIN	5 (2,890)	13 (12,478)	1	19
SWEDEN	10 (7,300)	2 (2,110)	2	14
SWITZERLAND	4 (1,940)	1 (942)	2	7
SYRIA	-	-	1	1
TAIWAN	4 (3,110)	2 (1,814)	-	6
TURKEY	-	-	1	1
UNITED KINGDOM	33 (8,648)	9 (6,340)	1	43
USSR	34 (18,355)	25 (25,940)	-	60
YUGOSLAVIA	1 (615)	-	1	2
TOTAL	215 (122,100)	152 (134,446)	72	439

*REACTOR CONSTRUCTION COMPLETED, BUT NOT YET IN COMMERCIAL OPERATION:
AUSTRIA ZWENTENDORF 692MWE BWR

SOURCE: IP (U.S. EMBASSY REPORTING CABLES AND NUCLEAR NEWS)

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16. ABSTRACT (200 words or less) <p>Provide summary data concerning NRC and its licensees for general use by the Chairman, other Commissioners and Commission staff offices, the Executive Director for Operations, and the Office Directors.</p>					
17 KEY WORDS AND DOCUMENT ANALYSIS			17a. DESCRIPTORS		
17b. IDENTIFIERS/OPEN-ENDED TERMS					
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NUREG-0871, VOL. 5, NO. 1

SUMMARY OF CHANGATION REPORT

JUNE 1984