

1985年度 世界原電現況

REACTOR MILESTONES: 1985

January	February	March
<p>Grid connections:</p> <ul style="list-style-type: none"> • Ko-Ri-3 (930-MWe PWR) Republic of Korea • Catawba-1 (1145-MWe PWR) United States • Nikolaev-2 (953-MWe PWR) USSR <p>Commercial operation:</p> <ul style="list-style-type: none"> • Pickering-7 (516-MWe PHWR) Canada • Gravelines-C5 (910-MWe PWR) France • Gundremmingen-C (1244-MWe BWR) Federal Rep. of Germany 	<p>Grid connections:</p> <ul style="list-style-type: none"> • Kashiwazaki-1 (1067-MWe BWR) Japan • Dukovany-1 (388-MWe PWR) Czechoslovakia • Maanshan-2 (907-MWe PWR) Taiwan, China <p>Commercial operation:</p> <ul style="list-style-type: none"> • Grohnde (1319-MWe PWR) Federal Rep. of Germany • Cruas-4 (880-MWe PWR) France • Susquehanna-2 (1052-MWe BWR) United States <p>Construction start:</p> <ul style="list-style-type: none"> • Darlington-3 (881-MWe PHWR) Canada 	<p>Grid connections:</p> <ul style="list-style-type: none"> • Forsmark-3 (1050-MWe BWR) Oskarshamn-3 (1050-MWe BWR) Sweden • Waterford-3 (1151-MWe PWR) Byron-1 (1145-MWe PWR) United States <p>Commercial operation:</p> <ul style="list-style-type: none"> • Bruce-6 (815-MWe PHWR) Canada
April	May	June
<p>Grid connections:</p> <ul style="list-style-type: none"> • Sendai-2 (846-MWe PWR) Japan • Doel-4 (1006-MWe PWR) Belgium • Limerick-1 (1065-MWe BWR) United States <p>Commercial operation:</p> <ul style="list-style-type: none"> • Philippsburg-2 (1268-MWe PWR) Federal Rep. of Germany • Dungeness-B1 (450-MWe AGR) United Kingdom 	<p>Grid connections:</p> <ul style="list-style-type: none"> • Smolensk-2 (950-MWe LWGR) USSR <p>Commercial operation:</p> <ul style="list-style-type: none"> • Diablo Canyon-1 (1048-MWe PWR) United States • Maanshan-2 (907-MWe PWR) Taiwan, China 	<p>Grid connections:</p> <ul style="list-style-type: none"> • Wolf Creek (1150-MWe PWR) Palo Verde-1 (1304-MWe PWR) United States • Tihange-3 (1006-MWe PWR) Belgium <p>Commercial operation:</p> <ul style="list-style-type: none"> • Catawba-1 (1145-MWe PWR) United States
<p>YEAR AT A GLANCE: 32 grid connections 25 into commercial operation 10 construction starts</p>		
July	August	September
<p>Grid connection:</p> <ul style="list-style-type: none"> • Koeberg-2 (920-MWe PWR) South Africa <p>Construction starts: (exact month not known)</p> <ul style="list-style-type: none"> • Juragua-2 (408-MWe PWR) Cuba • Mochovce-3 (388-MWe PWR) Mochovce-4 (388-MWe PWR) Temelin-2 (892-MWe PWR) Temelin-3 (892-MWe PWR) Temelin-4 (892-MWe PWR) Czechoslovakia 	<p>Grid connections:</p> <ul style="list-style-type: none"> • Gravelines-C6 (910-MWe PWR) St. Alban-1 (1300-MWe PWR) France • Bohunice-4 (398-MWe PWR) Czechoslovakia <p>Commercial operation:</p> <ul style="list-style-type: none"> • Forsmark-3 (1050-MWe BWR) Oskarshamn-3 (1050-MWe BWR) Sweden <p>Construction starts</p> <ul style="list-style-type: none"> • Genkai-3 (1127-MWe PWR) Genkai-4 (1127-MWe PWR) Japan 	<p>Grid connections:</p> <ul style="list-style-type: none"> • Kalpakkam-2 (220-MWe PHWR) India • Paluel-3 (1290-MWe PWR) France <p>Commercial operation:</p> <ul style="list-style-type: none"> • Tihange-3 (1006-MWe PWR) Belgium • Kashiwazaki-1 (1067-MWe BWR) Japan • Waterford-3 (1151-MWe PWR) Wolf Creek (1150-MWe PWR) Byron-1 (1129-MWe PWR) United States • Ko-Ri-3 (930-MWe PWR) Republic of Korea
October	November	December
<p>Grid connections:</p> <ul style="list-style-type: none"> • Diablo Canyon-2 (1106-MWe PWR) United States • Asco-2 (887-MWe PWR) Spain <p>Commercial operation:</p> <ul style="list-style-type: none"> • Gravelines-C6 (910-MWe PWR) France <p>Construction start:</p> <ul style="list-style-type: none"> • Monju (250-MWe FBR) Japan 	<p>Grid connections:</p> <ul style="list-style-type: none"> • Zaporozhe-2 (953-MWe PWR) USSR • THTR-300 (296-MWe HTGR) Federal Rep. of Germany <p>Commercial operation:</p> <ul style="list-style-type: none"> • Sendai-2 (846-MWe PWR) Japan 	<p>Grid connections:</p> <ul style="list-style-type: none"> • Kursk-4 (950-MWe LWGR) Balakovo-1 (953-MWe PWR) USSR • River Bend-1 (934-MWe BWR) United States • Flamanville-1 (1290-MWe PWR) France • Dungeness-B2 (600-MWe AGR) United Kingdom

NUCLEAR POWER STATUS AT THE END OF 1985

	In operation		Under construction		Total operating experience (to end 1985)
	No. of units	Total MWe	No. of units	Total MWe	Years - Months
Argentina	2	935	1	692	14-7
Belgium	8	5 486	2	2 012	64-1
Brazil	1	626	1	1 245	3-9
Bulgaria	4	1 632	2	1 906	30-6
Canada	16	9 776	6	4 789	151-7
China			1	300	
Cuba			2	816	
Czechoslovakia	5	1 980	11	6 284	22-4
Finland	4	2 310			27-4
France	43	37 533	19	23 567	338-4
German Dem. Rep.	5	1 694	6	3 432	57-5
Germany, Fed. Rep.	19	16 413	6	6 585	215-4
Hungary	2	820	2	820	4-5
India	6	1 240	4	880	54-7
Italy	3	1 273	3	1 999	69-10
Japan	33	23 665	11	9 773	286-10
Korea, Republic of	4	2 720	5	4 692	15-5
Mexico			2	1 308	
Netherlands	2	508			29-9
Pakistan	1	125			14-3
Philippines			1	620	
Poland			2	880	
Romania			3	1 980	
South Africa	2	1 840	1	921	2-3
Spain	8	5 577	2	1 920	56-10
Sweden	12	9 455	2	2 100	99-2
Switzerland	5	2 882			53-10
United Kingdom	38	10 120	4	2 530	695-10
USA	93	77 838	26	29 258	960-8
USSR	51	27 756	34	31 816	531-8
Yugoslavia	1	632			4-3
World total*	374	249 754	156	140 492	3830-11

* The total includes Taiwan, China, where there were six units with a total capacity of 4918 MWe in operation. Total operating experience was 26 years and 1 month at the end of 1985.

OPERATIONAL NUCLEAR RESEARCH REACTORS, 1955-1990 (Note: Data as of January 1986.)

