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- ** The Commission of the European Communities recently completed an enquiry on the basis of which it has been able to draw up an ASSESSMENT OF THE STATUS OF RESEARCH INTO BIOLOGY, MEDICINE AND AGRICULTURE in the Community countries. The statistical results of this enquiry will be published in the near future, while the processing of the scientific data obtained will form the subject of a work to be published at a later date.
- ** As a part of a \$4 million research programme devoted to THE PREVENTION AND CONTROL OF AIR POLLUTION caused by the iron and steel industry, the Commission of the European Communities has decided to participate in the financing of 25 private research projects, in proportions ranging from 23 to 63% depending on the individual case.
- ** On 7 February 1969, during his brief stay in Brussels, the American astronaut Frank Borman made a point of visiting the Commission of the European Communities. After being received by President Jean Rey, who was accompanied by other members of the Commission, Mr. Borman took part in a meeting under the chairmanship of Vice-President Fritz Hellwig, the member of the Commission with special responsibility for research questions.
- ** The ad hoc group of Community experts entrusted with the task of drawing up a report on the long-term supply of enriched uranium has just completed its work. On the basis of this report, the Community will no doubt take steps towards the setting up of a European uranium-enrichment plant with a capacity of 5 to 7 million units of separative work per year, the construction of which could begin in 1972 after studies of a more searching nature have been carried out. It appears that the production cost of enriched uranium in Europe could be acceptable by comparison that in the USA, particularly if the two technical processes of gaseous diffusion and ultracentrifugation were combined.

For all further information please apply to the :

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- ** The STATISTICAL BREAKDOWN BY TYPES OF INSTALLED REACTOR POWER in operation or under construction in the Community may be estimated as:

Gas-graphite	46%
Boiling light water	23%
Pressurized light water	26%
Heavy water	4%
Other advanced converters	1%

An annex to the present document contains a LIST OF NUCLEAR POWER PLANTS in operation, under construction or planned in the Community, as at 1 February 1969.

- ** The Committee on Research Energy and Atomic Problems of the European Parliament is organizing an information seminar on the Community's INDUSTRIAL POLICY IN THE NUCLEAR FIELD to be held in Luxembourg on 27 and 28 February.
- ** The Working Party on SCIENTIFIC RESEARCH POLICY met in Brussels on 7 February under the chairmanship of Mr. Aigrin, delegate for scientific and technical research in France. Pending the arrival of the sectorial reports due at the end of the month from experts in each of the seven priority sectors (see N° 3 of "Research and Technology"), the Working Party has been chiefly engaged in studying the PRACTICAL MEANS OF IMPLEMENTING THE COMPARISON DEEMED NECESSARY between the methods, plans, programmes and research budgets of the individual Member States. This comparison must be aimed at determining new fields of cooperation, eliminating useless overlapping, harmonizing the technical and industrial policies of the Member States, and improving the integration of scientific and technological efforts into the Community's economic programmes. The first major steps proposed towards this end are an enquiry by questionnaire into the FORWARD STUDIES now in progress in the Member States on the Community's long-term needs, and the development of a system for examining the scientific and technical objectives of the Member States.
- ** The Council of Ministers is continuing to study the proposals put forward by the Commission of the European Communities concerning the EURATOM PROGRAMME AND RESEARCH BUDGET FOR 1969. A problem that has still to be settled is the potential of the Joint Research Centre which would not be utilized under the limited interim programme adopted by the Council (see Newsletter N° 3, "Research and Technology"). It is hoped, however, that the Council of Ministers will be able to determine its standpoint during the session to be held on 19 February.

- ** Mr. Pietro Caprioglio has just been appointed Director General of the Ispra Establishment of the Joint Research Centre. Born in 1929, Mr. Caprioglio had already been in the service of Euratom (notably as director of the Petten Establishment) before spending a short period in industry.

- ** Pursuant to the provisions of the Euratom Treaty, the Commission of the European Communities has examined the RADIOACTIVE WASTE DISPOSAL managements for the Dutch GKN nuclear power plant at Dodewaard, and has ascertained that they present no problems from a health physics standpoint.

- ** The Commission of the European Communities will publish in a few weeks a monograph on one of the establishments of the Joint Research Centre, THE CENTRAL BUREAU FOR NUCLEAR MEASUREMENTS (CBNM), located at Geel, in Belgium.

Net electrical capacity of nuclear power stations in service,
under construction or planned in the Community

as at 1 February 1969

	country	in service MWe	under construction MWe	planned MWe
1. <u>PROVEN-TYPE REACTORS</u>				
<u>Gas/graphite</u>				
Chinon 1 (EDF 1)	F	70	-	-
Chinon 2 (EDF 2)	F	200	-	-
Chinon 3 (EDF 3)	F	480	-	-
St. Laurent 1 (EDF 4)	F	480	-	-
St. Laurent 2	F	-	515	-
Bugey 1 (St. Vulbas)	F	-	540	-
G 2 Marcoule	F	40	-	-
G 3 Marcoule	F	40	-	-
Fessenheim 1	F	-	-	650
Fessenheim 2	F	-	-	650
ENEL (Latina)	I	200	-	-
<u>Boiling water</u>				
KRB (Gundremmingen)	G	237	-	-
KWL (Lingen)	G	155	-	-
VAK (Kahl)	G	15	-	-
ENEL (Garigliano)	I	150	-	-
GKN (Dodewaard)	N	52	-	-
KWW (Wurgassen, Weser)	G	-	640	-
<u>Pressurized water</u>				
KWO (Obrigheim)	G	283	-	-
SENA (Chooz)	F/B	266	-	-
ENEL (Trino Vercellese)	I	257	-	-
BR 3 (Mol)	B	10	-	-
KKS (Stadersand, Elbe)	G	-	630	-
SEMO (Tihange s/Meuse)	B/F	-	-	750
Centre Nucl. de Doel (Doel/Scheldt)	B	-	-	750

	country	in service MWe	under construction MWe	planned MWe
2. <u>ADVANCED CONVERTERS</u>				
<u>Heavy water</u>				
MFZR (Karlsruhe)	G	50	-	-
KKN (Niederaichbach)	G	-	100	-
EL 4 (Monts d'Arrée)	F	70	-	-
CIRENE (Latina)	I	-	-	35
<u>High temperature</u>				
HKG (Hagen/Dortmund)	G	-	-	300
AVR (Jülich)	G	13	-	-
KSH Geesthacht 2 (Schl. Holstein)	G	-	25	-
<u>Sodium/zirconium hydroxide</u>				
KNK (Karlsruhe)	G	-	19	-
<u>Nuclear superheat</u>				
HDR (Grosswelzheim)	G	-	22	-
3. <u>FAST BREEDERS</u>				
Phenix (Marcoule)	F	-	-	250
NA ₂ German/Belgian/Netherlands Group (Aachen)	G	-	-	300
4. <u>TYPE NOT YET DETERMINED</u>				
Schwaben, Neckar W, Stuttgart (Laufen)	G	-	-	650
BASF (Friesenheimer Insel)	G	-	-	600
RWE (Biblis)	G	-	-	1000
ENEL 4 (Lombardy)	I	-	-	650
ENEL 5 (...)		-	-	650
GKN 2 (Flushing)	N	-	-	350
Total		3068	2491	7585
Grand total			13.144	

