

tions. Institutions where they are concentrated serve as beacon lights to those who feel the new penology should be tried. They shine as an indication that someday diagnosis and therapy will supplant blame and punishment in the management of law violators.

Science News Letter, December 6, 1958

**MEDICINE**

**Study Faculty Needs For Rheumatic Diseases**

► THE AMERICAN Rheumatism Association has established a committee for the exchange of information concerning faculty appointees and fellows. There is a need for information about available personnel to staff the numerous new units that are being established in medical schools in this country and abroad for the study of rheumatic diseases.

The committee will be pleased to receive information about fellowships and traineeship opportunities and faculty and other staff vacancies as well as inquiries regarding available personnel. Address Dr. Currier McEwen, New York University College of Medicine, 550 First Avenue, New York 16, N.Y.

Science News Letter, December 6, 1958

**ENGINEERING**

**Dedicate New Reactor on A-Energy Anniversary**

See Front Cover

► THE ARGONNE Low Power Reactor (ALPR), was dedicated on Tuesday, Dec. 2 at the Argonne National Laboratory's Idaho site at the U.S. Atomic Energy Commission's National Reactor Testing Station near Idaho Falls.

The date is the sixteenth anniversary of the birth of atomic energy.

The photograph on the cover of this week's SCIENCE NEWS LETTER is a view of the reactor and support facilities building looking northeast from an access road.

The ALPR is a direct-cycle boiling water reactor of 3,000-kilowatt gross reactor heat, moderated and cooled by the natural circulation of ordinary water. Designed to produce 200 kilowatts of electricity and 400 kilowatts of space heat, it can be transported by air, uses gravel at the site for biological shielding and can operate for three years on a single fuel loading.

Science News Letter, December 6, 1958

**Questions**

**ASTRONOMY**—How large are the masses of some planetary nebulae? p. 360.

**CYTOLOGY**—Which part of the mitochondrion appears to be the cell "power plant"? p. 359.

**MEDICINE**—What would be the advantages in administering a live polio virus vaccine? p. 355.

**Photographs:** Cover, Argonne National Laboratory, p. 355, U.S. Navy, p. 357, Lockheed Missiles Systems, p. 362, Fremont Davis, p. 368, Bell and Howell.

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