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NUCLEAR REGULATORY COMMISSION**

ADVISORY COMMITTEE ON
REACTOR SAFEGUARDS U.S. N.R.C.

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NRC NAMES JEREMIAH J. RAY
TO ADVISORY COMMITTEE ON REACTOR SAFEGUARDS

The Nuclear Regulatory Commission has appointed Jeremiah J. Ray, retired Chief Electrical Engineer for the Philadelphia Electric Company in Pennsylvania, to its Advisory Committee on Reactor Safeguards (ACRS).

The ACRS is an independent group of experts established by law to advise the Commission on the safety aspects of proposed and existing power reactors and other nuclear facilities and the adequacy of proposed reactor safety standards.

Mr. Ray has 39 years of professional experience in power generating projects, including nuclear. He held a number of responsible positions in electrical engineering research and design for nuclear power generating activities before retiring in 1976. He earned his B.S. in Electrical Engineering at the University of Pennsylvania in 1935 and later participated in its electrical engineering graduate program at the Moore School of Electrical Engineering.

Mr. Ray began his career at Philadelphia Electric in the Electrical Engineering Division as a specialist in the application of major electrical equipment and the analytical solutions to unusual problems in equipment performance.

In 1948, he was promoted to Project Engineer in that division. He was responsible for designing a series of electric generating stations and distribution and transmission substations, including the overall coordination of the electrical design, electrical engineering and construction.

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Beginning in 1953, Mr. Ray was appointed to successive supervisory assignments in the System Planning Division as Engineer-in-Charge of Electrical Distribution Planning and as Engineer-in-Charge of Electric Generation and Transmission Planning. Responsibilities in these areas encompassed electric system load forecasting; development of detailed plans for orderly expansion of distribution, transmission, and generation facilities; and the conduct of comprehensive planning studies with associated firms for inter-connected electrical generating and transmission. In this period, he also directed the development of advanced digital computer programs for system planning analyses such as system load flow, reactive power supply, and power stability studies.

In 1964, Mr. Ray was appointed Assistant Chief System Planning Engineer, System Planning Division, sharing the responsibility for direction and administration of all planning activities for development of the steam, gas, and electric power generation, transmission, and distribution systems.

In 1970, Mr. Ray was promoted to Chief Electrical Engineer of the Electrical Engineering Division. He was responsible for the direction and administration of electrical engineering associated with the design and construction of generating stations (including nuclear power stations), substations and electric power transmission and distribution systems.

Mr. Ray and his wife reside in Langhorne, Pennsylvania. He has been active in several professional and honorary societies.

He was selected from a large group of candidates, including many submitted in response to an NRC request for public participation in the nomination process. In its request of December 14, 1977, the NRC noted that among other areas, individuals with a background and management experience in plant operations and development were particularly desired. The Commission believes Mr. Ray is well qualified by his long experience in these areas.

The Commission will, from time to time, identify those particular areas of knowledge needed to maintain the balance required by the ACRS to evaluate nuclear safety issues so that members of the public can continue to participate in the nomination process for members of the Committee.