

UNITED STATES GOVERNMENT

Memorandum

TO : Files DATE: August 30, 1960

FROM : *Lester R. Rogers*
Lester R. Rogers, Chief, Radiation Safety Branch
Division of Licensing and Regulation

SUBJECT: MEETING WITH PENN STATE UNIVERSITY AND CURTISS-WRIGHT CORPORATION
REPRESENTATIVES, AUGUST 30, 1960

Attendees: M. H. L. Price, DLR
Dr. R. Bryan, Hazards Evaluation Branch, DLR
Mr. L.R. Rogers, Radiation Safety Branch, DLR
Mr. G. Charnoff, OGC
Mr. McKay Donkin, Penn State University
Mr. George Hill, Vice President, Curtiss-Wright Corp.
Mr. Roger W. Mullens, Secty and Chief Counsel, Curtiss-Wright

The representatives from Curtiss-Wright and Penn State were interested in discussing the safety requirements for an exclusion area about the reactor at Quehanna, Pa. and the control which a licensee must exercise over such areas. Mr. Harold Price indicated to the visitors that an exclusion area of one-half mile in radius about the reactor with positive control of an area out to about 5 miles in radius to assure that residential homes are not built would appear to be a reasonable requirement. Mr. McKay Donkin was interested in knowing what would constitute assurance to the AEC with respect to positive control of the exclusion area. Mr. Price emphasized that the AEC is not interested in examining the contractual relations between Penn State and Curtiss-Wright but it would be the responsibility of the University as the licensee, to provide assurance to AEC that the University has control over the exclusion area with respect to activities that could go on in the area. Mr. Price emphasized that it is just as important to control the exclusion area as it is to control the building that houses the reactor. Mr. Price indicated that he may have left the impression with Martin Company that it would be necessary for the University to own the exclusion area but he will clear this up with Martin and make it clear that the exclusion area does not necessarily need to be owned by the licensee but it may be controlled through some type of contractual arrangements.

Mr. McKay Donkin indicated that there is some urgency in making the transfer of the Quehanna reactor and hot lab facilities primarily because the Martin Company desires to start operation of the hot cell by January 1, 1961.

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Mr. Charnoff informed Mr. Donkin that it would be necessary for Penn State to have a license to accept and possess the reactor. In response to Mr. Donkin, Mr. Charnoff indicated that a license to possess the reactor without fuel would probably be taken care of in from 30 to 40 days after the Commission has received the necessary application with supporting data. Mr. Price stated that the schedule is going to be very tight with respect to issuing a license to Martin Company by January 1, 1961. We do not know at the present time how many modifications must be made in the existing hot cell at Quehanna to accommodate the Martin operation. It may be necessary for the Commission to offer a hearing and the Commission may decide to have a hearing whether or not one is requested. It will require approximately 2 months after the Commission has received all the supporting data from Martin for staff review and review with AEC consultants. The 2 months is assuming that the application is in order and no major problems arise. Mr. Price suggested that a schedule should be established in the near future to pin down dates on steps to be taken in order to meet deadlines for regulatory actions.

CC: Mr. Charnoff, OGC
Dr. Bryan, Hazards Branch