

UNITED STATES GOVERNMENT

# Memorandum

TO : Lyall Johnson, Chief  
Licensing Branch

FROM : Clifford K. Beck, Chief  
Hazards Evaluation Branch

SUBJECT: WESTINGHOUSE ELECTRIC CORP.

DATE:

1-27-60

CFB

In order to expedite processing of the Westinghouse application of December 3, 1959, J.C. Delaney and C.D. Luke discussed certain issues by telephone with C.A.W. Wellers and L.A. Meierkord of Westinghouse on January 21 and 26, 1960.

The following points were discussed, and additional information will be submitted by Westinghouse amending the December 3 application:

- a. No specific reference was made to the design of the British submarine "Dreadnought" fuel elements. Westinghouse stated that the elements would be the same as those for the S5W described in the application.
- b. We requested further information on the monitor system and emergency plan (Section 70.24):
  1. It is not clear that a nuclear incident in the receiving and storage area would activate two monitor-alarms. Further analysis of the system was requested.
  2. Further information on the Section 70.24 procedures was requested, including the time constant of the monitor-alarm, frequency of testing, fail safe features and frequency of evacuation drills.
- c. Additional information and a hazard analysis were requested for the pickling and autoclave processes.
- d. While the specific mass limits and spacing criteria appeared to be acceptable, one criterion was questioned - the storage of elements and components with a surface density of 1500 grams/square foot of floor area. Mr. Wellers said, on January 26, that the surface density had been revised downward to between 300 and 400 grams/sq.ft. (Note: Mr. C.L. Schuske, Rocky Flats, assisted Westinghouse in a consultant capacity.)
- e. Mr. Delaney requested that unclassified sections of the report be separated, for filing in the public document room.

IM