

37-09442-01

MAR 6 1970

CO: T
 Jm R. Nelson
 Chalk
~~RHS~~
 WSB
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 EE EE
 [Signature]
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Westinghouse Electric Corporation
 Atomic Power Division
 3 Gateway Center
 P. O. Box 2278
 Pittsburgh, Pennsylvania 15230

Attention: Mr. Karl R. Schendel
 License Administrator

Gentlemen:

This refers to the investigation conducted on September 10 and 11, 1969, of your activities authorized under AEC Byproduct Material License No. 37-09442-01 with respect to the exposure received by one of your employees on July 7, 1969, during operations at the Westinghouse Astro-nuclear Laboratory Experimental Facility, Waltz Mill, Pennsylvania. This refers also to the meeting which was held on December 18, 1969, at the Company's office in Large, Pennsylvania, during which the results of the above investigation were discussed. In addition, we wish to acknowledge receipt of your letter dated August 26, 1969, reporting the above exposure.

As a result of the investigation, it appears that certain of your activities were not conducted in full compliance with a condition of your license and the requirements of the AEC's "Standards for Protection Against Radiation," Part 20, Title 10, Code of Federal Regulations, in that:

1. Contrary to 10 CFR 20.201(b), "Surveys," an adequate survey was not made to determine compliance with 10 CFR 20.101 with respect to the radiation dose an individual may have received to his whole body and hands during calibration operations with a 24-curie cobalt 60 source on July 7, 1969.
2. Contrary to 10 CFR 20.203(c)(2), "Caution signs, labels and signals," the high radiation area existing in the Radiation Calibration Facility was not equipped with an interlock or control device meeting the requirements of this subparagraph of the regulations.

DHS

OFFICE ▶					
SURNAME ▶					
DATE ▶					

bcc: Mr. Thomas M. Gerusky, Dir.
 Office of Radiological Health
 Penn. Dept. of Health
 P. O. Box 90
 Harrisburg, Penn. 17120
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3. The Commission was not notified within 24 hours by telephone and telegraph of an incident that occurred on July 7, 1969, during which an individual received a whole body and hand exposure in excess of 5 rems and 75 rems, respectively, contrary to 10 CFR 20.403(b), "Notifications of incidents."
4. Westinghouse Electric Corporation failed to make a timely report to the Commission with respect to the whole body exposure received by an individual on July 7, 1969, contrary to 10 CFR 20.405(a), "Reports of overexposures and excessive levels and concentrations." Your written report of the exposure was not filed with us until August 26, 1969.
5. Westinghouse Electric Corporation failed to make a report to the Commission with respect to the hand exposure received by an individual on July 7, 1969, contrary to 10 CFR 20.405(a), "Reports of overexposures and excessive levels and concentrations." Also, the exposed individual was not notified of the nature and extent of this exposure as required by 10 CFR 20.405(b).
6. Contrary to License Condition No. 13, on July 7, 1969, byproduct material was not used by or under the supervision of an individual designated by the company's Isotope Committee.

According to your August 26 letter, the Radiation Calibration Facility has been closed until the corrective steps planned by the company can be implemented to assure that a similar incident does not recur. This action was confirmed during the December 18 meeting our inspectors had with representatives of Westinghouse Electric Corporation. The corrective steps taken by you with respect to the matters described in Items 1 through 6 above will be examined during the next inspection of your facilities.

bcc: w/encl. ltr dtd 8/26/69

Very truly yours,

PDR
 NSIC
 DML:IB

CO:I
 DR Central File

Lawrence D. Low, Director
 Division of Compliance

cc: Mr. J. C. Rengel
 Executive Vice President

OFFICE ▶	Mr. Andrew T. Sabo, Manager Industrial Hygiene and Safety	CO RHandler/ JRroeder	CO RHEngelken	CO LDLow
SURNAME ▶		akb 3/4/70		
DATE ▶				