

John R. Moran, Director  
Health and Safety Division

January 20, 1961

W. P. Gammill, Acting Chief  
Site Survey Branch

ACTIVITY REPORT - SITE SURVEY BRANCH - DECEMBER 1960

HSSS:JHO

BEST COPY AVAILABLE

MONITORING

General: The total number of samples collected during December were as follows:

<u>Air Samples</u>				<u>Water Samples</u>	
<u>Low Vol.</u>	<u>High Vol.</u>	<u>Fallout</u>	<u>Film Badges</u>	<u>On-Site</u>	<u>Off-Site</u>
38	-	189	305	70	5

The maximum gross beta activity detected at the Idaho Falls station was  $2 \text{ uuc/m}^3$ . less than 0.2 (see Dec.)

Rals: ICPP Rala Operations were suspended for this month.

AMP: IET Test #25 was terminated on December 16, 1960. A total of 218 curies of 10 minute aged mixed fission products were released during 117 hours of operation above 1.0% of design power. IET Test #26 started on December 23, 1960 with a release rate of 3.5 curies per hour through 12-31-60.

INSPECTION

During this month 47 outgoing Radioactive Shipments checked through this office. This included 21 ICC approved wood and cardboard boxes and 26 BofE approved lead containers. A complete radiation survey was made on all lead containers. Loose contamination above the IDO limits for release was detected on 6 containers, 4 from MTR-EIR, 1 from General Electric and 1 from Westinghouse. Five of these were decontaminated at Central Facilities, one was returned to MTR for decontamination. In all cases the Health Physics group at each of the areas concerned was notified.

WASTE MANAGEMENT SECTION

Research: Contract AT(10-1)1054 was approximately 64% complete

(continued)

REPOSITORY INEL  
 COLLECTION AMP  
 22005, SEC # 476 78 0073  
 BOX No. FILE: SITE SURVEY BRANCH MONTHLY ACTIVITY REPORTS FOR 1960 - 1961  
SITE SURVEY BRANCH MONTHLY  
FOLDER ACTIVITY REPORT FOR DECEMBER 1960

as of December 29, 1960 on the basis of the total approved contract amount as modified. This includes 35% of the original estimated drilling.

Hydrologic and Geologic research is detailed in the attached report.

Waste Disposal: Waste disposal for the month of November was as follows:

<u>Liquid</u>		<u>Air</u>	<u>Solid</u>	
Activity Curies	Volume Gallons	Activity Curies	Activity Curies	Volume Cubic Ft.
347	29,197,800	23,753	542	13,109

GENERAL:

George Wehmann attended a special sub-committee meeting of the ACRS on November 30, 1960 on FET and then continued on to Harwell, England to present a paper at a two day conference on "Aerosol Problems at Various Reactors."

cc: C. Wayne Bills

Attachment:  
USGS Report

HSSS  
JHOsloond  
1-21-61

HSSS  
GWehmann

HSSS  
WPGammill

1186605