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**Cover Sheet for a Hanford  
Historical Document  
Released for Public Availability**

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**Released 1992**

**Prepared for the U.S. Department of Energy  
under Contract DE-AC06-76RLO 1830**

**Pacific Northwest Laboratory  
Operated for the U.S. Department of Energy  
by Battelle Memorial Institute**



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CONTAMINATION RELEASE TO THE  
ENVIRONS (1 REPORT)

KR Heid

May 1966

AREA	FACILITY OR BLDG.	DATE	TIME OF OCCURRENCE	OCCURRENCE NUMBER
300	325	5/9/66		

CONTAMINATION RELEASED TO:

RIVER     
  ATMOSPHERE     
  SWAMP     
  TERRAIN     
  GROUND

EXTENT OF CONTAMINATION SPREAD:

WITHIN OPERATING AREA     
  HANFORD RESERVATION     
  OFFPLANT

OCCURRENCE DETECTED BY WHAT SIGNAL:

Daily check of 325 stack filters.

BRIEF DESCRIPTION OF RELEASE:

Investigation indicated that about 0.4 Ci (mostly Ce-144) had been released as a result of steam jet transfer of some Ce-141-144 from a cask to a storage vault in 325-A, on 5/9/66. A further release of about 0.2 Ci was indicated by survey of stack filters 5/12/66 following completion of the transfer.

ACTION TAKEN:

Vehicle smears.  
 Ground surveys around the 300 Area fence line.  
 Smears of the 329 loading dock.

NOTIFICATIONS:

NAME OF PERSON NOTIFIED	DATE	TIME	VERBAL NOTIFICATION	WRITTEN CONFIRMATION	REPORTED BY
RADIATION PROTECTION	5/9/66	Afternoon	X		Environmental Mon.
RADIATION PROTECTION MGMT.					
ACC					
PUBLIC RELATIONS					

REFERENCES AND SUPPLEMENTARY DOCUMENTS:

Letter from RB Hall to JP Corley dated 5-10-66

OF ENVIRONMENTAL SURVEY RESULTS: (ATTACH COPIES OF SURVEY INFORMATION)

daily check of 325 stack filters on 5-9-66 showed an increase from about 8000 c/m (GM) Friday afternoon to about 450 mrad/hr (CP) Monday afternoon.

Vehicle smears on 4-12 shift 5/9/66, ground surveys around the 300 Area fence line, and smears of the 329 loading dock have not revealed any contamination spread.

Inventory in 325A (5/10/66) includes about  $3 \times 10^6$  Ci Ce-141-144 and about  $3 \times 10^6$  Ci Pu-147.

SUMMARY OF ENVIRONMENTAL SAMPLING RESULTS: (ATTACH COPIES OF ANALYTICAL REPORTS)

INDIVIDUALS SUSPECTED OF BEING EXPOSED: (ATTACH COPIES OF RESULTS OF WBC, BIOASSAYS, ETC)

NAME	PAYROLL OR SOCIAL SECURITY NO.	HOME ADDRESS
None		

EVALUATION OF EXPOSURES:

None

DATE

5/12/66

SIGNED

K. R. Heid