



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION IV

511 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TEXAS 76011-8064

SEP 29 1992

MEMORANDUM FOR: Frederick C. Combs, Chief
Operations Branch
Division of Industrial and
Medical Nuclear Safety, NMSS

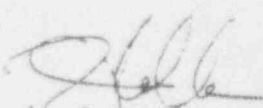
FROM: L. J. Callan, Director
Division of Radiation Safety and Safeguards

SUBJECT: PROJECT CHARIOT SUMMARY *

92 OCT -5 AM 11:38
RECEIVED
NRC
REGION V

This responds to the September 11, 1992, telephone request from NMSS Region V for information specific to the Project Chariot Site activities covered by the Department of Interior License No. 5-1399-3. This information was gleaned from License Nos. 5-1399-3 and 05-01399-08 issued to the Department of the Interior, Geological Survey, Denver, Colorado. For your convenience, the information has been summarized in table form. Attached to the summary is a copy of the individual letters, memorandums, inspection notes, inspection reports, and teletypes referenced in the docket files.

On September 25, 1992, we E-mailed to Region V a copy of the summary table, faxed a copy of the referenced documents, and express mailed a hard copy of these documents. Additionally, we E-mailed to NMSS a copy of the summary, and express mailed a hard copy of all documents referenced in the summary, the docket files retrieved from the archives, and the map submitted by USGS in responding to AEC's questions and concerns. Unless otherwise notified, we will assume that this will conclude Region IV's assignment in this matter. Should additional information be required, please contact Jack E. Whitten of my staff at (817) 860-8197.


L. J. Callan, Director
Division of Radiation Safety
and Safeguards

Attachments: As Stated

cc w/o attachments:
F. Wenslawski, RV

9401250159 930514
PDR FOIA
BUSHYHE93-121 PDR

A/14

Frederick C. Combs

-2-

bcc:
JLMilhoan
LJCallan
JPJaudon
WLFisher
CLCain
JEWhitten
RIV Files
NMLS File

RIV:NMLS	C:NMLS <i>WLF</i>	D:DRS <i>DRS</i>		
JEWhitten	WLFisher	LJCallan		
09/11/92	09/18/92	09/29/92		

DATE	DOCUMENT
7/12/62	Letter from USGS, Denver, CO, (HWilms, Health Physicist) requesting an amendment to Lic. No. 5-1399-3 to use 5 curies of mixed fission products for hydrologic runoff studies at the Project Chariot Site, Cape Thompson, Alaska.
7/12/62	Letter from USGS (HWilms) requesting amendment to Lic. No. 5-1399-3 to increase possession limits to 10 curies of mixed fission products. NOTE: This request was never acted on by the AEC.
7/26/62	Amendment No. 8 to License 5-1399-3 issued authorizing 5 curies of mixed fission products in the form of contaminated soil. Condition 14. Hydrologic run-off studies as authorized in Item 9.BG shall be performed on at Project Chariot Site, Cape Thompson, Alaska.
8/17/62	Letter from the AEC San Francisco to Commissioner Phil Holdsworth, Coordinator for Atomic Development Activities, State Capitol, Juneau, Alaska, with a carbon copy to the Honorable William A. Egan, Governor of Alaska. This letter outlined Project Chariot activities.
9/10/62	Internal AEC RV memorandum from Rfish, Radiation Specialist to HBook, Radiation Specialist (Supervisory) describing inspection observations at the Project Chariot Site in Alaska. Memorandum contains a description of confirmatory radiation measurements made by Rfish at the site including the disposal mound, description of disposal techniques, and description of the disposal area. Rfish's diagram of site with confirmatory radiation measurements is part of this internal memo.
9/10/62	Internal AEC memorandum from RV to RIV (Rwoolsey, Radiation Specialist) providing a description of Rfish's onsite observations of activities at the Project Chariot Site in Alaska, including waste disposal areas.
10/9/62	Letter from USGS, Menlo Park, CA (APiper, Staff Scientist & GEberlein, Chief, Alaskan Geology Branch) to AEC CA Special Projects Division (JPhillips, Director) providing a summary of activities at the Project Chariot Site. Site preparation, tables summarizing sites and activities at each location, and decontamination procedures.

DATE	DOCUMENT
10/23/62	Memorandum from RIV (R Woolsey, Radiation Specialist, Reviewer) to AEC HQ, Division of Licensing and Regulation (E Price, Assistant Director) providing a report of inspection activities of the USGS at the Project Chariot Site and noting proposed noncompliance items observed during the inspection.
1/4/63	AEC HQ Memorandum from Division of Licensing and Regulations, Enforcement Branch (R Page, Chief) to Division of Compliance (L Dubinski, Assistant Director for Materials) recommending changes in the Notice of Violation to USGS/License No. 5-1399-3.
1/10/63	Memorandum from AEC Special Projects Division (E Campbell) to Division of Licensing and Regulation (R Page) describing the circumstances surrounding the Project Chariot Site waste mound.
1/21/63	AEC HQ Memorandum from the Division of Licensing and Regulations, Enforcement Branch (R Page) to AEC HQ, Division of Licensing and Regulation (E Price) indicating that no contact should be made with the Alaska State Health Department, that any contact with Alaska Health Department officials should be by AEC SAN.
1/23/63	Letter to USGS outlining items on noncompliance noted during the 9/7/62 inspection of the USGS's licensed activities at the Project Chariot Site. Additionally, the letter requested that a hazards evaluation be prepared for AEC review.
2/20/63	Unsigned memorandum indicating that USGS had not replied to AEC's 1/23/63 letter and that a reply was forthcoming. The memorandum indicated that when the reply is received and evaluated, AEC would be sending USGS a letter closing out the case.
2/28/63	Letter from the USGS, Washington, D.C. (A Baker, Acting Director) responding to the NRC's 1/23/63 letter. Items of noncompliance were individually addressed and a hazards evaluation of the Project Chariot waste mound was included.
3/7/63	Letter from AEC HQ Division of Licensing and Regulation (R Page) to USGS, Washington, D.C. office (A Baker, Acting Director) acknowledging acceptance of information provided in the 2/28/63 letter
3/21/63	Teletype from AEC CA Operations to AEC HQ Division of Licensing and Regulations (R Page) requesting clarification on compliance position as it applies to USGS.

DATE	DOCUMENT
3/22/63	Teletype from AEC HQ Enforcement Branch (RPage) to AEC CA Operations (ECampbell) indicating that after review of USGS 2/28/63 letter no additional information is required from USGS.
4/29/63	<p>License No. 5-1399-8 issued as a Type A broad scope license. This license combined the existing 5-1399-3, 5-1399-5, 5-1399-6, and 5-1399-7 licenses into the one 5-1399-8 license.</p> <p>License continued to authorize 5 curies of mixed fission products.</p> <p>Condition 11. The licensee is authorized to use sealed sources of byproduct material for geological research and field exploration throughout the United States.</p>
6/30/64	Excerpts for Inspection of License No. 5-1399-8 after merging the 5-1399-3 and other USGS licenses. The portion of the report dealing with the noncompliance items identified in License No. 5-1399-3 before issue of the 5-1399-8 license indicates that all items of noncompliance noted in the 10/23/62 letter had been successfully corrected.
12/30/81	5-1399-3 file retired. Location of file: Inventory Job Record No. 0277, Box #2.
9/11/92	Telephone call to ERay, RSO of USGS, Denver, CO, concerning the Project Chariot Site, at which time he indicated he was not aware of such a disposal location in Alaska. He indicated that the 1963 time frame was before he was employed by the USGS.