

From: Jackie E. Whitten (JEW1)  
To: FAW  
Date: Friday, September 25, 1992 10:20 am  
Subject: PROJECT CHARIOT SUMMARY

This responds to the September 11, 1992, telephone call between NMSS, RV, and RIV wherein RIV was assigned the responsibility of retrieving the retired USGS docket file License No. 5-1399-3 and summarizing all available information specific to the Project Chariot Site. The attached information was gleaned from both the retired License Nos. 5-1399-3 and the USGS current broad scope License No. 05-01399-08. For your convenience a summary of the correspondence (letters, memorandums, inspection notes, inspection reports, teletypes) in these files has been put in table format.

Contained in the files we did locate a large map of the exact coordinates of the sites. We will be sending either the map or a copy of the map to NMSS.

Copies of all the above documents will be faxed to you today. Copies of all documents will be mailed to you by overnight mail.

Should you have any questions, or need additional information, please feel free to contact me at (817) 860-8197.

Thx/Jack

CC: WLF

Files: ml:CHARIOT.SUM,

A/10

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A/11



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
FEDERAL CENTER, DENVER 26, COLORADO  
July 12, 1962

A.L.

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 (RWoodsey, 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.

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