

## MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 40 and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

Licensee

1. State of Wyoming  
Department of Environmental Quality

2. Herschler Building  
122 West 25th Street  
Cheyenne, Wyoming 82002

3. License number

SUA-1492, Amendment No. 5

4. Expiration date October 30, 1991

5. Docket or  
Reference No. 40-8926Byproduct, source, and/or  
special nuclear material7. Chemical and/or physical  
form8. Maximum amount that licensee  
may possess at any one time  
under this license

Byproduct material

Any

Residual contami-  
nation from previously  
licensed activities

9. The authorized place of use shall be all of Section 25, T27N, R97W, and the west  $\frac{1}{4}$  portion of Section 30, T27N, R97W, located in Fremont County, Wyoming.
10. The authorized use shall be for decommissioning and decontamination in accordance with the Department of Environmental Quality submittal dated August 3, 1989.
11. DELETED by Amendment No. 3.
12. DELETED by Amendment No. 2.
13. DELETED by Amendment No. 2.
14. DELETED by Amendment No. 2.
15. DELETED by Amendment No. 2.
16. DELETED by Amendment No. 3.
17. DELETED by Amendment No. 3.
18. DELETED by Amendment No. 3.
19. Release of equipment from the restricted area shall be in accordance with the attachment to SUA-1492 entitled, "Guidelines for Decontamination of Facilities and Equipment Prior to Release for Unrestricted Use or Termination of Licenses for Byproduct or Source Materials," dated September 1984.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

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20. DELETED by Amendment No. 2.
21. DELETED by Amendment No. 3.
22. DELETED by Amendment No. 2.
23. DELETED by Amendment No. 3.
24. DELETED by Amendment No. 3.
25. DELETED by Amendment No. 2.
26. DELETED by Amendment No. 2.
27. DELETED by Amendment No. 3.
28. DELETED by Amendment No. 3.
29. All sampling and monitoring data, calibration records, reports on audits, inspections and other analyses, training records and safety meeting minutes, as well as any subsequent reviews, investigations and corrective actions, shall be documented and records maintained for five (5) years.
30. DELETED by Amendment No. 3.
31. Before conducting any activity not previously reviewed by the USNRC, the licensee shall prepare a documented environmental evaluation of such activity. When the evaluation indicates that a significant environmental impact may occur, the licensee shall obtain written approval from the USNRC, Uranium Recovery Field Office, before conducting the proposed activity.
32. All evaporation pond standpipes shall be checked monthly for the presence of liquid. If sufficient liquid is present to obtain a sample, the liquid and the contents of the associated evaporation ponds shall be sampled within 48 hours and analyzed for conductivity, chloride and sulfate.  
  
Upon collecting the sample, the licensee shall notify the USNRC, Uranium Recovery Field Office, within one (1) regular business day, submit a written report and evaluation within seven (7) days and immediately initiate corrective action.  
  
Additionally, upon verification of a leak, the licensee shall obtain samples from all evaporation pond monitor wells and analyze samples for the following parameters: conductivity, chloride, sodium, sulfate, uranium and carbonate/bicarbonate.
33. The licensee shall perform monthly inspections of evaporation pond embankments, liners, freeboards, leak detection systems and fences. The inspector shall have received training from a licensed professional engineer. The inspector shall

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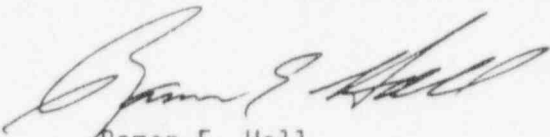
immediately notify the Project Manager or Project Superintendent of any problem observed during the inspection.

34. The licensee shall immediately notify the USNRC, Uranium Recovery Field Office, by telephone of any failure of any evaporation pond, any break or rupture of any pipeline, or any similar failure of any other fluid or material conduit or storage facility which results in an uncontrolled release of radioactive materials, or of any unusual conditions which if not corrected could lead to such a failure. Such notification shall be followed within seven (7) days by submittal of a written report detailing the conditions leading to the failure or potential failure, corrective actions taken and results achieved. This requirement is in addition to the requirements of 10 CFR Part 20.
35. A semiannual report shall be submitted to the USNRC, Uranium Recovery Field Office, that summarizes the status of the project.
36. All liquid discharges of restoration fluids from the evaporation ponds shall be in accordance with NPDES discharge standards prescribed by the State of Wyoming.

FOR THE NUCLEAR REGULATORY COMMISSION

Dated:

8/18/89

  
Ramon E. Hall

Director

Uranium Recovery Field Office  
Region IV

8926 LICENSE/GRK/89/08/15/A-5

DISTRIBUTION

Docket File 40-8926  
LFMB  
PDR/DCS  
BBeach, RIV  
GKonwinski  
WDEQ (2)  
RCPD, WY  
LLO Branch, LLWM  
URFO r/f

CONCURRENCE:

GKonwinski/URFO/lv

EHawkins/URFO

REHall/URFO

DATE:

8-15-89

8/15/89

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