

Docket File No. 40-8786
 PDR/DCS
 DBangart, RIV
 RBrich
 URFO r/f
 WDEQ
 JHaes, RCPD, WY

40-8786/RFB/85/07/02/0

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AUG 30 1985

URFO:RFB
 Docket No. 40-8786

MEMORANDUM FOR: Docket File No. 40-8786

FROM: Randall F. Brich, Project Manager
 Licensing Branch 1
 Uranium Recovery Field Office, Region IV

SUBJECT: IN-HOUSE INSPECTION OF DOCKET FILE NO. 40-8786 FOR
 THE PERIOD JANUARY 5, 1984 TO JULY 1, 1985

In accordance with the requirements of 10 CFR Part 2, URFO has scheduled an on-site inspection of Uranium Resources, Inc. (URI), North Platte In-Situ Facility, Source Material License SUA-1401, for July 15-19, 1985. The full inspection of this facility will be completed in two distinct efforts. The first effort consists of an in-house inspection of the licensing files. The second effort entails the above-mentioned on-site inspection. This memorandum is intended to assist the inspection team leader in conducting the on-site inspection. Thus, this memorandum presents the in-house inspection results based on staff review of Docket File No. 40-8786 for the period January 5, 1984, to July 1, 1985.

The in-house inspection was conducted on July 1, 1985, and included all documents generated during the period of January 5, 1984, to July 1, 1985. In-house inspection results are provided on the attached in-house inspection form. Compliance with applicable license requirements (SUA-1401) are indicated by check marks. This memorandum and accompanying in-house inspection form shall comprise the basis for the on-site inspection. Apparent deficiencies, as identified during the in-house inspection, should be verified during the on-site inspection in the following areas:

1. An inspection of Docket File No. 40-8786 conducted on March 12, 1985, identified reporting deficiencies for the quarterly report, revisions of reclamation bond and semi-annual ALARA report as required by License Condition Nos. 23, 25 and 35, respectively.

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These deficiencies were transmitted to the licensee through the mechanism of a Notice of Violation (NOV) dated April 5, 1985. The licensee responded to this NOV by letter dated April 26, 1985. Thus, the inspector should verify that the actions committed to in the April 26, 1985 letter are promptly implemented. These actions are:

- a) submit quarterly reports beginning April 26, 1985;
 - b) submit reclamation bond annually;
 - c) submit semiannual ALARA audit.
2. Note that records are retained for five years.
 3. Review any RWPs issued during period.
 4. Review training records of any new employees.
 5. Review calibration records of instruments.
 6. Review equipment release forms.

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Randall F. Brich, Project Manager
Licensing Branch 1
Uranium Recovery Field Office
Region IV

Original Signed By:
Edward F. Hawkins

Approved by:

Edward F. Hawkins, Chief
Licensing Branch 1
Uranium Recovery Field Office, Region IV

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|------|------------------|---------------------|---|---|---|---|
| C | URFO RFB | URFO EBR | : | : | : | : |
| NAME | RBrich | EHawkins | : | : | : | : |
| DATE | 85/07/02 8/28 | 8/30/85 | : | : | : | : |

| IN PLANT | | | |
|--------------------|--|-------------------|------------------------|
| License Cond. # | STANDARD REQUIREMENTS | LOCATION | CHECKLIST BY FREQUENCY |
| 30 | Retention of data | | 5 YEARS |
| 31 | SOP'S "In work areas RST/RSO review | | |
| 31 | RWP'S RSO/RST APPROVE | | |
| 32 | Training ° New Empl. ° Empl. | | |
| | Safety Meeting | NA | |
| 33 | Natural U Survey | M RESTRICTED AREA | |
| 33 | Radon/Radon Daughter Survey | M RESTRICTED AREA | |
| | Gamma Survey | | |
| | Alpha Survey °Area | | |
| | °Person | | |
| | Dosimeter °Area | | |
| | °Personnel | | |
| | Urinalysis °New Empl. | | |
| | °Empl. | | |
| 35 | ALIAR | S | MAN YANKE 5/83 |
| 37 | Calibration | S | |
| 39 | QA Program | | |
| 10 | RSO/ISO Inspections | | |
| 23 | Reports | Q | NONE SINCE 7/8/83 |

ENVIRONMENTAL

| SE # | STANDARD REQUIREMENT | E R | LOCATION | CHECKLIST BY FREQUENCY | COM. DATE |
|------|------------------------|--------------|--|------------------------|-----------|
| | GROUNDWATER MONITORING | W | P-1 COND, pH, V | | |
| | | W | 10 MON. WELLS (COND, CL, Na, Ca, ALK, SO ₄ , Fe, B, Mn, Zn, PO ₄ , R-210 F, R-226) | | |
| | | M | P-1 R/H SO ₄ K TABLES 1.01 & 5A | | |
| | WATER LEVELS | W | | | |
| | BAROMETRIC PRESSURE | W | | | |
| | NET FLOW | | | | |
| | EVAPORATION PONDS | | | | |
| | °DISCHARGE | | | | |
| | °WATER SAMPLES | | | | |
| | °LEAK DETECTION | | | | |
| | °FREEBOARD | | | | |
| | °FENCE | | | | |
| | °EMBANKMENTS | | | | |
| | PROG/IND WELLS | | | | |
| | °FLOW RATE | | | | |
| | °WELL HEAD PRESSURE | | | | |
| | RADIATION MONITORING | | | | |
| | °RADON | M OK Q | | | |
| | °GAMMA | Q | | | |
| | °SEDIMENT | | | | |
| | °SURFACE WATER | | | | |
| | SURFACE DISCHARGE | | | | |
| | °WATER SAMPLES | | | | |
| | °SOIL SAMPLES | | | | |
| | WELL INTEGRITY TEST | | | | |