



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

REGION IV  
URANIUM RECOVERY FIELD OFFICE  
BOX 25325  
DENVER, COLORADO 80225

MAY 29 1990

URFO:PJG  
Docket No. 40-8905  
SUA-1473, Amendment No. 16  
04008905440E

Quivira Mining Company  
ATTN: Mr. Bill Ferdinand  
6305 Waterford Blvd., Suite 325  
Oklahoma City, Oklahoma 73118

Dear Mr. Ferdinand:

Pursuant to Title 10, Code of Federal Regulations, Part 40, and in accordance with your submittal dated February 19, 1990, as modified by the staff, Source Material License SUA-1473 is hereby amended to authorize the disposal of byproduct waste material from Rio Algom Mining Company's "O-Sand" in-situ leach facility by adding License Condition No. 36 to read as follows:

36. The licensee is authorized to dispose of byproduct material waste from Rio Algom Mining Company's "O-Sand" in-situ leach facility in accordance with the submittal dated February 19, 1990, with the following modifications or additions:
- A. The written procedures included in the February 19, 1990, submittal shall be reviewed and revised in accordance with License Condition No. 14.
  - B. Prior to disposal of drums containing sludge material, the licensee shall obtain written confirmation from Rio Algom Mining Company that the drums have been verified to be full or the verification shall be performed by Ambrosia Lake personnel.
  - C. Drums containing wastes other than sludges shall be opened and the wastes disposed directly into excavated trenches.
  - D. All disposal activities shall be documented.

All other conditions of this license shall remain the same. The license is being reissued to incorporate the addition specified above.

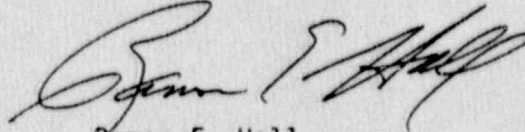
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MAY 29 1990

The issuance of this amendment was discussed via telecon between Pete Garcia of my staff and yourself on May 22, 1990.

Sincerely,

A handwritten signature in dark ink, appearing to read 'Ramon E. Hall', is written over a horizontal line.

Ramon E. Hall  
Director

Enclosure:

Source Material License SUA-1473

Case Closed: 04008905440E