

J. McCarthy

July 14, 2000

Mr. John McCarthy,  
Radiation Safety Officer  
Rio Algom Mining Corp.  
P.O. Box 1390  
Glenrock, Wyoming 82637

Dear Mr. McCarthy:

**SUBJECT: APPROVAL OF JAKE HAGAR AS SMITH RANCH FACILITY'S RADIATION  
SAFETY TECHNICIAN (RST).**

As required by License Conditions 9.13 and 9.14, the NRC staff has reviewed the qualifications of Jake Hagar, as submitted by your letter dated June 5, 2000, and has determined that they are in accordance with Regulatory Guidance 8.31, *"Information Relevant to Ensuring That Occupational Radiation Exposure at Uranium Mills will be As Low As Reasonably Achievable."*

If you have any questions concerning this letter or the enclosure, please contact Mr. John H. Lusher at (301) 415-7694 or by e-mail to [jhl@nrc.gov](mailto:jhl@nrc.gov).

Sincerely,

*/s/*  
Philip Ting, Chief  
Fuel Cycle Licensing Branch  
Division of Fuel Cycle Safety and Safeguards  
Office of Nuclear Material Safety and Safeguards

Docket No. 40-8964  
SUA-1548, Amendment No. 16

Cases Closed: L51953

~~Enclosures: As stated~~

cc: P. Goranson, RAMC  
B. Ferdinand, RAMC

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DOCUMENT NAME: Accession No.: ML003726953, Rio Algom Smith Ranch Project RST  
Approval

OFC	FCLB		FCLB		FCLB			
NAME	JLusher		DGillen		PTing			
DATE	07/13/00		07/13/00		07/14/00			

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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

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Sincerely,

Philip Ting, Chief  
Fuel Cycle Licensing Branch  
Division of Fuel Cycle Safety and Safeguards  
Office of Nuclear Material Safety and Safeguards

Docket No. 40-8964  
SUA-1548

cc: P. Goranson, RMC  
B. Ferdinand, RAMC

L 51953

NEW ASSIGNMENT

NEW INFORMATION

# **TECHNICAL ASSIGNMENT CONTROL** OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

**SECTION I. REQUEST DATA**

PREPARED BY (Name)

**John H. Lusher**

MAIL STOP

**T-7J8**

DATE PREPARED \*

MONTH	DAY	YEAR
06	21	2000

FACILITY NAME AND ASSIGNMENT TITLE \* (Limit to 120 characters)

**Rio Algom Smith Ranch Project**

DOCKET NUMBER \*

**40-8964**

PLANNED ACCOMPLISHMENT

**3 5 1 A A C****Request for approval of Radiation Safety Technician qualifications as per LC 9.13 & 9.14**

RECEIPT DATE

MONTH	DAY	YEAR
06	20	2000

REQUEST CONTACT

**John H. Lusher**

REQUESTER'S INITIALS \*

**JHL**

REQUESTING TARGET DATE

MONTH	DAY	YEAR
06	21	2000

REQUESTING ORGANIZATION \*

**NMSS/FCSS/FCLB/UR**

LICENSE REVIEW NO \*

**1800**

REVIEW BY REGION

1	2	3
4	5	

ACCESSION NUMBER

OR COPY OF INCOMING ATTACHED

**SECTION II. SYSTEMS CONTROL DATA**

FACILITY TYPE	CASE TYPE	FEE RECOVERABLE	AMENDMENT NUMBER	REVIEW DATE			TAC COMPLETION DATE			APPLICATION DATE *		
				MONTH	DAY	YEAR	MONTH	DAY	YEAR	MONTH	DAY	YEAR
M	P	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	WITHDRAWN CANCELLED									

**TOPICAL REPORT REVIEWS**

NAME - VENDOR

REPORT DATE

MONTH	DAY	YEAR
-------	-----	------

REPORT IDENTIFICATION SYMBOL

ADDL INFO	REQUEST DATE
MONTH	DAY

P - PROPRIETARY VERSION

SUBMIT DATE

MONTH	DAY	YEAR
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NP - NONPROPRIETARY VERSION

STATUS

ACCEPTED

WITHDRAWN

DATE LETTER TO VENDOR
MONTH

NONPROPRIETARY REPORT

NOT ACCEPTED

REQUESTING REMARKS (Limit to 120 characters)

**SECTION III. REVIEW DATA**

REVIEWER'S SURNAME	REVIEWER'S INITIALS *	ESTIMATED HOURS	COMPLETION DATE		
			MONTH	ESTIMATED DAY	YEAR
Lusher, John H.	JHL	20.0	06	30	2000

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## Subject:

Smith Ranch Facility License SUA-1548 Docket 40-8964 Facility Radiation Safety Technician

## Body:

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**Docket: 04008964**



# Rio Algom

**Certified Mail - 7099 3220 0002 1631 0937**  
**Return Receipt Requested**

Rio Algom Mining Corp.  
P.O. Box 1390  
Glenrock, Wyoming 82637 307.358.3744 tel  
762 Ross Road 307.266.2449 tel  
Douglas, Wyoming 82633 307.358.9201 fax

June 5, 2000

Mr. Thomas Essig  
Branch Chief  
Uranium Recovery Branch  
Division of Waste Management  
Mail Stop T7J8  
11555 Rockville Pike  
Rockville, MD 20850

**Re: Smith Ranch Facility**  
**License SUA-1548**  
**Docket 40-8964**  
**Facility Radiation Safety Technician**

Dear Mr. Essig:

Rio Algom Mining Corp. requests the approval of Jake Hagar as Smith Ranch Facility's Radiation Safety Technician (RST) pursuant to license conditions 9.13 and 9.14. Mr. Hagar's qualifications and experience are detailed in the attached submittal and meet the criteria as facility RST as outlined in Regulatory Guide 8.31.

If you have any questions concerning this submittal, please call me at (307) 358-3744 ext. 14.

Sincerely,

John McCarthy, RSO

Attachment: : As stated

xc:	J Cash, RAMC/Smith Ranch	P. Goranson, RAMC/OKC
	P. Drummond, RAMC/Smith Ranch	K. Holman, RAMC/Smith Ranch
	B. Ferdinand, RAMC/Smith Ranch	File
	M. Freeman, RAMC/OKC	
	NRC, (Division of Radiation Safety and Safeguards) Arlington, Texas	
	Certified Mail - 7099 3220 0002 1631 0951, Return Receipt Requested	

NMSSOI Public

00242 2139

**RIO ALGOM MINING CORP.**  
**Request For RST Approval**  
**LICENSE SUA-1548, DOCKET 40-8964**

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Pursuant to the Smith Ranch license, specifically conditions 9.13 and 9.14, that requires prior approval from the NRC before assignment of radiation personnel, accordingly, Rio Algom Mining Corp. requests that Mr. Jake Hagar be approved by the NRC as the facility's Radiation Safety Technician (RST).

The technical qualifications for a RST are set forth in Regulatory Guide 8.31, specifically, section 2.4.2. Each of these criteria are discussed below:

**1. Education:**

*An associate degree or 2 or more years of study in the physical sciences, engineering, or a health related field,*

Mr. Hagar holds an Associate degree in Business Administration from Cochise Community College and a Bachelor's degree in Business Management from Mesa State College.

**2. Training:**

*At least a total of 4 weeks of generalized training (up to 2 weeks may be on-the-job training) in radiation health physics protection applicable to uranium mills,*

Mr. Hagar has obtained two weeks of off-site training by attending a course titled "Radiation Safety Officer" offered by Shepherd Miller, Inc. May, 2000 and a course offered by Oak Ridge Associated Universities in December 1998 titled "Radiation Safety Course". Mr. Hagar has worked for the Environmental/Health Physics Department since October 1997.

**3. Experience:**

*One year of work experience using sampling and analytical laboratory procedures that involve health physics, industrial hygiene, or industrial safety measures to be applied in a uranium mill.*

Mr. Hagar has worked for Rio Algom since January 1997. After becoming a Plant operator he transferred to the Environmental/Health Physics Department in October 1997. Since that time he has been involved with sampling, surveys, instrument calibration, and the implementation of the Environmental and Health Physics Programs at the facility.

As demonstrated, Mr. Hager fulfills the required qualifications as facility RST in each of the technical areas noted in Regulatory Guide 8.31. In his position as the permanent on-site facility RST, Mr. Hagar would have the responsibility of implementing the health physics program and the ALARA principal.