



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

OCT 27 1992

Docket No. 40-8778
License No. SMB-1393

Molycorp Inc.
ATTN: Ms. Barbara K. Dankmyer
Resident Manager
300 Caldwell Avenue
Washington, Pennsylvania 15301

Dear Ms. Dankmyer:

SUBJECT: MOLYCORP, INC. - RENEWAL OF SOURCE MATERIAL LICENSE NO. SMB-1393

In your letter dated August 19, 1992, Molycorp, Inc. requested the renewal of License No. SMB-1393 for storage (possession only) of source material at your Washington, Pennsylvania facility.

This renewal also involves certain changes to Molycorp's license. These changes include: 1) a new street address for the licensee; 2) a new expiration date for the license; 3) a change in the description of the form of natural thorium; 4) an increase in the possession limit; 5) a change in the authorized use; and 6) the incorporation of a schedule for decommissioning. The Nuclear Regulatory Commission staff has reviewed the renewal request and has found these changes acceptable. All other conditions of your license shall remain the same.

This renewal incorporates the following changes to Molycorp's license:

Item 2 - Licensee Address

The street address for Molycorp's corporate office has changed. This change incorporates the correct street address of Molycorp's corporate office based on the information you provided by telephone on September 9, 1992.

Item 4 - Expiration Date

The expiration date of the license is changed to September 1, 1997. This change is consistent with the 5 year period normally allotted for license renewals. This expiration date is well after Molycorp's current schedule for completing all decommissioning work at this site. We anticipate, therefore, that Molycorp will request license termination well in advance of the new expiration date.

Item 7A - Physical Form

The physical form is changed to clarify that natural thorium is present both in the form of slag, and in soils contaminated with slag. At this site, slag is currently stored in a slag storage pile, however, surface and sub-surface soil across portions of the site is also contaminated with slag.

Item 8A - Possession Limit

The possession limit for natural thorium is changed from 3.9×10^4 kg (88,000 lbs) to 11×10^4 kg (242,508 lbs). The amount of source material stored on site has not changed since the most recent renewal. This change more accurately bounds the total quantity of source material possessed on site in the form of contaminated slag and soil and corrects an earlier transcription error in the units.

Item 9A - Authorized Use

The authorized use of licensed material is expanded to include storage, transfer, and decommissioning in accordance with an approved Site Decommissioning Plan. This change broadens the authorized use of licensed material from storage only.

License Condition 14 - Schedule for Decommissioning

This change incorporates Molycorp's schedule for decommissioning the Washington, Pennsylvania facility as requested by the licensee. In response to your September 25, 1992 letter, License Condition 14.D. also grants a schedular exemption for the submittal of a decommissioning funding plan with this renewal. This schedule is incorporated as a new license condition and includes the following milestones:

- A. Submittal of Site Characterization Plan (SCP) - Molycorp, Inc. will submit a SCP to the NRC by November 15, 1992.
- B. Submittal of Decommissioning Alternatives and Potential Costs - Molycorp, Inc. will provide the NRC with a list and analysis of potential decommissioning and disposal alternatives by March 1, 1993. The cost of each alternative will be estimated to the best of Molycorp's ability at the time of submittal. A revised version of the report will be included in the Site Decommissioning Plan.
- C. Submittal of Site Characterization Report (SCR) - Molycorp, Inc. will provide a report detailing the site characterization results to the NRC no later than eight (8) months after the SCP has been approved in writing by the NRC staff.
- D. Submittal of Site Decommissioning Plan (SDP) - Molycorp, Inc. will submit a SDP to the NRC no later than six (6) months after initial submittal of a SCP. The SDP will include a decommissioning funding plan, in accordance with 10 CFR 40.36(a), to cover the estimated cost for the preferred decommissioning approach. The licensee is hereby granted a schedular exemption from the requirement of 10 CFR 40.36(c)(2) for the submittal of a decommissioning funding plan until such time as the SDP is submitted or by September 30, 1994, whichever is sooner.
- E. Completion of Decommissioning - Molycorp, Inc. will have completed site clean up and disposal of the source material in accordance with the approved SDP. Molycorp will have notified the NRC in writing of this completion of decommissioning activities prior to May 30, 1995.

OCT 27 1992

This schedule of decommissioning milestones is premised on MolyCorp's submittal of an adequate SCR and SDP and on NRC's timely review of those documents. NRC recognizes that the deadlines may be extended, if necessary, for delays caused by factors beyond the licensee's control.

The NRC staff has considered the potential for environmental impact of this renewal and has determined that the changes to the license will not result in any significant environmental impact. Having made this determination, we have further concluded that the renewal involves an action which is administrative and procedural in nature and, as provided by the categorical exclusion of 10 CFR 51.22(c)(11), an environmental assessment need not be prepared in connection with the issuance of this license renewal.

This license renewal does not involve significant new safety concerns, a significant increase in the probability or consequences of an accident, or a significant increase in radioactive effluents or potential radiation exposure. We have concluded that this license renewal will not be inimical to the common defense and security, or present an undue risk to the health and safety of the public.

The license renewal incorporating the above changes, along with the Safety Evaluation Report, and the finding justifying the categorical exclusion are enclosed.

A facsimile of the draft copy of the proposed license conditions was sent to you on October 16, 1992. Your facsimile response on October 19, 1992, indicated your agreement to the license conditions. Please carefully review the enclosed document including the new license conditions. If you have any questions, immediately notify me at (301) 504-2560.

Sincerely,

/s/

John H. Austin, Chief
Decommissioning and Regulatory
Issues Branch
Division of Low-Level Waste Management
and Decommissioning
Office of Nuclear Material Safety
and Safeguards

Enclosures:

1. Renewed License SMB-1393
2. Safety Evaluation Report
3. Categorical Exclusion

cc:

R. Shoemaker, MolyCorp
G. Dawes, MolyCorp
B. Belanger, EPA Region III
J. Yusko, PADER-RP

W. Dornsife, PA Bureau of
Radiation Protection
J. Kinneman, Region I

SUBJECT ABSTRACT: MOLYCORP, INC. - RENEWAL OF SOURCE MATERIAL

*SEE PREVIOUS CONCURRENCE

OFC	LLDR*	LLDR*	LLDR*	OGC *	LLDR	
NAME	CGlenn/cv	JCopeland	MWeber	RFonner	JAustin	
DATE	9/21/92	9/21/92	9/22/92	9/30/92	10/27/92	

OFFICIAL RECORD COPY - doc: g:renewal

This schedule of decommissioning milestones is premised on Molycorp's submittal of an adequate SCR and SDP and on NRC's timely review of those documents. NRC recognizes that the deadlines may be extended, if necessary, for delays caused by factors beyond the licensee's control.

The NRC staff has considered the potential for environmental impact of this renewal and has determined that the changes to the license will not result in any significant environmental impact. Having made this determination, we have further concluded that the renewal involves an action which is administrative and procedural in nature and, as provided by the categorical exclusion of 10 CFR 51.22(c)(11), an environmental assessment need not be prepared in connection with the issuance of this license renewal.

This license renewal does not involve significant new safety concerns, a significant increase in the probability or consequences of an accident, or a significant increase in radioactive effluents or potential radiation exposure. We have concluded that this license renewal will not be inimical to the common defense and security, or present an undue risk to the health and safety of the public.

The license renewal incorporating the above changes, along with the Safety Evaluation Report, and the finding justifying the categorical exclusion are enclosed.

Sincerely,

John H. Austin, Chief
Decommissioning and Regulatory
Issues Branch
Division of Low-Level Waste Management
and Decommissioning
Office of Nuclear Material Safety
and Safeguards

Enclosures:

1. Renewed License SMB-1393
2. Safety Evaluation Report
3. Categorical Exclusion

cc:

R. Shoemaker, Molycorp
G. Dawes, Molycorp
B. Belanger, EPA Region III
J. Yusko, PADER-RP
W. Dornisfe, PA Bureau
of Radiation Protection
J. Kinneman, Region I

SUBJECT ABSTRACT: MOLYCORP, INC. - RENEWAL OF SOURCE MATERIAL

*SEE PREVIOUS CONCURRENCE

OFF	LLDR*	LLDR*	LLDR*	LLDR*	LLDR	
NAME	CGlenn/cv	JCopeland	MWeier	RConner	JAustin	
DATE	9/21/92	9/21/92	9/22/92	9/30/92	9/ /92	

OFFICIAL RECORD COPY - doc: g:renewal

Barbara K. Dankmyer

- 3 -

renewal and has determined that the changes to the license will not result in any significant environmental impact. Having made this determination, we have further concluded that the renewal involves an action which is administrative and procedural in nature and, as provided by the categorical exclusion of 10 CFR 51.22(c)(11), an environmental assessment need not be prepared in connection with the issuance of this license renewal.

This license renewal does not involve significant new safety concerns, a significant increase in the probability or consequences of an accident, or a significant increase in radioactive effluents or potential radiation exposure. We have concluded that this license renewal will not be inimical to the common defense and security, or present an undue risk to the health and safety of the public.

The license renewal incorporating the above changes, along with the Safety Evaluation Report, and the finding justifying the categorical exclusion are enclosed.

Sincerely,

John H. Austin, Chief
Decommissioning and Regulatory
Issues Branch
Division of Low-Level Waste Management
and Decommissioning
Office of Nuclear Material Safety
and Safeguards

Enclosures:

1. Renewed License SMB-1393
2. Safety Evaluation Report
3. Categorical Exclusion

cc:

R. Shoemaker, Molycorp
G. Dawes, Molycorp
B. Belanger, EPA Region III
J. Yusko, PADER-RP
W. Dornsife, PA Bureau
of Radiation Protection
J. Kinneman, Region I

SUBJECT ABSTRACT: MOLYCORP, INC. - RENEWAL OF SOURCE MATERIAL
*SEE PREVIOUS CONCURRENCE

OFC	LLDR*	LLDR*	LLDR*	OFC	LLDR	
NAME	CGlenn/cv	JCopeland	MWeber	RFanner	JAustin	
DATE	9/21/92	9/21/92	9/22/92	9/23/92	9/ /92	

OFFICIAL RECORD COPY - doc: g:renewal

Barbara K. Dankmyer

- 3 -

The license renewal incorporating the above changes, along with the Safety Evaluation Report, and the finding justifying the categorical exclusion are enclosed.

Sincerely,

John H. Austin, Chief
Decommissioning and Regulatory
Issues Branch
Division of Low-Level Waste Management
and Decommissioning
Office of Nuclear Material Safety
and Safeguards

Enclosures:

1. Renewed License SMB-1393
2. Safety Evaluation Report
3. Categorical Exclusion

cc:

R. Shoemaker, Molycorp
G. Dawes, Molycorp
B. Belanger, EPA Region III
J. Yusko, PADER-RP
W. Dornsife, PA Bureau
of Radiation Protection
J. Kinneman, Region I

Distribution: Central File NMSS r/f RBangart EWBrach JAustin
JSurmeier MWeber CGlenn RFonner JCopeland LLDR r/f
TCJohnson

PDR: Yes ☒ No ☐ Category: Proprietary ☐ or CF Only ☐
ACNW: Yes ☐ No ☒

SUBJECT ABSTRACT: MOLYCORP, INC. - RENEWAL OF SOURCE MATERIAL

OFC	LLDR <i>CG</i>	LLDR <i>ji</i>	LLDR <i>MW</i>	OGC	LLDR	
NAME	CGlenn/cv	JCopeland	MWeber	RFonner	JAustin	
DATE	9/2/92	9/2/92	9/22/92	9/ /92	9/ /92	

OFFICIAL RECORD COPY - doc: g:r newal

Barbara K. Dankmyer

Letter dated: OCT 27 1992

Distribution: Central File NMSS r/f RBangart EWRrach JAustin
JSurmeier MWeber CGlenn RFonner JCopeland LLDR r/f
TCJohnson PLohaus LBell

PDR: Yes ☒ No ☐ Category: Proprietary ☐ or CF Only ☐
ACNW: Yes ☐ No ☒