

Washington Remediation Project
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Mr. James Webb
Project Manager
U.S. Nuclear Regulatory Commission
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August 8, 2007

**Response to NRC Question on the
Post-Decommissioning Dose Assessment Plan
Molycorp Washington, PA Decommissioning Project
Materials License SMB-1393**

Dear Mr. Webb:

This letter is in response to a question from the U.S. Nuclear Regulatory Commission (NRC) that you forwarded to me by e-mail on July 30, 2007. The NRC question read: *"In response to your Post Decommissioning Dose Assessment Plan, dated April 3, 2007, please describe how the plan will accommodate specific areas that may not be feasible for remediation, such as the area around the high pressure gas line in Area A1A and other potential areas that may be discovered during the remediation."* The response to this question follows:

On a case by case basis, consistent with the assumptions and parameters included in the Post Decommissioning Dose Assessment Plan, dose assessments for specific areas not feasible for remediation will be prepared. As specific areas are identified that are not feasible for remediation, characterization data will be collected and may include:

- Physical parameters of any object to be left in place such as length, width, depth, circumference, diameter and material type
- The physical location of any object to be left in place including the depth and the location of the object within the larger denoted area of the site
- Radiological data including any total and removable contamination data for structural surfaces (dpm/100cm²) and activity concentration for surrounding soil (pCi/g)

Conservative assumptions will be made for any data that cannot be measured. This data along with the exposure scenarios and environmental pathways documented in the Post Decommissioning Dose Assessment Plan will be used to assess dose to the appropriate critical group over the next 1,000 years.

The resulting dose will be reviewed independently and as part of the comprehensive dose from the larger modeling area and the site. A running log of these areas will be kept and assessments for each will be available for review when completed. Ultimately the dose from each area (anticipated to be inconsequential) will be considered as part of the final post decommissioning dose assessment.

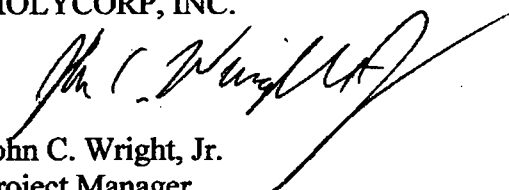
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Please do not hesitate to contact me should the NRC have any additional questions. We look forward to the NRC's response to our plan to conduct the post-decommissioning dose assessment.

Sincerely,

MOLYCORP, INC.


John C. Wright, Jr.
Project Manager

cc John Nicholson, NRC Rgn I
 Robert C. Maiers, P.E., PADEP BRP
 Dwight A. Shearer, P.E., PADEP BRP
 George Dawes, Molycorp RSO and Asst Prj Mgr
 Mark Lafferty, Chevron EMC
 Al Shuckrow, Malcolm Pirnie Construction Mgr