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REGION 1

August 22, 2002

2002 AUG 26 PM 1: 47

Mr. Craig Gordon  
USNRC  
475 Allendale Road  
King of Prussia, PA 19406

SUBJECT: List of Items/Materials Released

Craig Gordon,

Per our phone conversation on August 19, 2002 you requested that MACTEC put together a list of the materials/items at the Washington, PA Molycorp site that were transported off site between the dates of May 28 through April 11, without checking the dose rates of the Roll-Off containers that contained these materials/items.

During this time frame, the frequency of checking dose rates on Roll-Off containers was reduced from every container to every fifth container. Two weeks later, the every container frequency check was re-implemented, and has continued since. To date, over 300 Roll-Off containers have been checked, none of them have had elevated dose rate levels.

Material that was sent off-site during the two week time frame was primarily construction debris from the site's cooling tower and acid plant. Both of these structures were not considered to be affected by licensed material operations and had been previously surveyed. In addition, structural material from Buildings 23 and 25 was also sent off-site. A total of 49 Roll-Off containers were release during this two week period (eight working days), 12 of them were checked prior to leaving site.

The table below identifies the radiological surveys that were performed on equipment/items and Roll-Off containers during the two week time frame. All items surveyed and released were below release limits.

Date of Survey	Survey #	Description of Survey	Other Info
5-28	02-265	Equipment release	4 items surveyed, 37 sample points
5-29	02-267	Equipment Release	2 items surveyed, 14 sample points
5-29	02-270	Release of Roll-Off	B151
5-29	02-271	Building 25 I Beam/ Purlins	26 items surveyed, 38 sample points
5-30	02-275	Building 25 I Beam/ Purlins	3 items surveyed, 10 sample points
5-30	02-276	Release of Roll-Off	B32

6-3	02-277	Building 25 I Beam/ Purlins	22 items surveyed, 42 sample points
6-3	02-280	Release of Roll-Off	B33
6-4	02-283	Release of Roll-Off	#64
6-4	02-285	Release of Roll-Off	#3065
6-5	02-286	Release of Roll-Off	#30698
6-6	02-289	Release of Building 23 Equipment	25 sample points
6-6	02-290	Release of Roll-Off	#105
6-10	02-298	Release of Roll-Off	B7
6-10	02-299	Release of Roll-Off	B27
6-10	02-300	Building 23 Equipment Release	26 sample points
6-11	02-301	Release of Roll-Off	#30008
6-11	02-304	Release of Roll-Off	B7

In addition to demolition debris, building structural material that was initially identified as having elevated activity (yellow paint and ID number), but was decontaminated and resurveyed as clean material, was release from site. The survey numbers for this material are 02-271, 275, and 277. Listed below are the control numbers associated with those structural material pieces that have been released from site as clean material.

Control Item Number	Description of Item
25-178	16' Purlin
25-179	16' Purlin
25-180	16' Purlin
25-181	16' Purlin
25-182	5' Purlin
25-184	16' Purlin
25-185	4' Purlin
25-186	20' Purlin
25-187	12' Purlin
25-188	12' Purlin
25-190	12' Purlin
25-191	6' Purlin
25-193	20' Purlin
25-194	16' Purlin
25-195	20' Purlin
25-196	24' Purlin
25-199	24' Purlin
25-200	24' Purlin
25-202	24' Purlin
25-204	12' Purlin
25-205	24' Purlin
25-207	20' I-beam

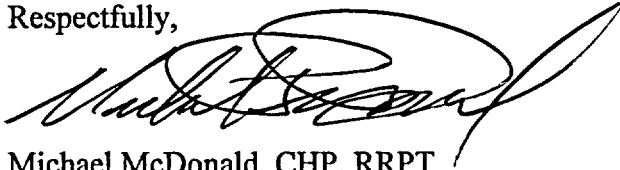
25-208	6' Purlin
25-209	6' Purlin
25-212	24' Purlin
25-213	24' Purlin
25-214	40' Bar Joist
25-215	40' Bar Joist
25-216	40' Bar Joist
25-217	40' Bar Joist
25-218	40' Bar Joist
25-219	40' Bar Joist
25-220	40' Bar Joist
25-221	40' Bar Joist
25-222	40' Bar Joist
25-223	40' Bar Joist
25-224	40' Bar Joist
25-225	40' Bar Joist
25-226	40' Bar Joist
25-227	40' Bar Joist
25-230	20' I-beam
25-231	20' Purlin
25-232	20' I-beam
25-233	24' Purlin
25-234	24' Purlin
25-396	20' I-beam
25-400	20' I-beam
25-401	20' I-beam
25-402	20' I-beam
25-403	20' I-beam

Radiologically clean structural material was released from site in accordance with a letter dated May 31, 2002 to you with courteous copies to Tom McLaughlin and George Dawes. Steve Rima writes "Each piece of material will have a radiological survey documented in accordance with existing site procedures. This process is more conservative than surveys prescribed by either NUREG-5849 or MARSSIM, and will preclude any material from leaving the site with contamination above applicable limits. As each number piece is dispositioned, an entry will be made in the logbook for tracking purposes and to "close the loop" on this material."

It continues to be our goal to comply with all regulatory requirements and site procedures. We also want to keep communications as open and free as possible between all parties involved. By taking these steps, we'll ensure that all radioactivity is properly controlled and the health and safety of the public and environment is maintained.

If you have any questions regarding the information in this letter, please contact me immediately.

Respectfully,

A handwritten signature in black ink, appearing to read 'Michael McDonald', with a large, stylized flourish at the end.

Michael McDonald, CHP, RRPT  
Radiological Engineer  
MACTEC, Inc.

cc:

G. Dawes      Molycorp  
S. Rima      MACTEC