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GOVERNOR

State of New Mexico  
**ENVIRONMENT DEPARTMENT**  
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Red LADK FFCO/97

Sept. 4, 1997

H. L. Plum  
STP Project Manager  
Office of Environments and Projects  
Albuquerque Operations Office  
Los Alamos Area Office  
Los Alamos, NM 87544

Kenneth Hargis  
STP Project Manager  
Los Alamos National Laboratory  
Los Alamos, NM 87445

RE: Approval of Amendment for Extension of Compliance Dates for Treatability Group 3.1.2 Sub-group "Soil with Heavy Metals" to the Federal Facilities Compliance Order (FFCO) Site Treatment Plan (STP) Compliance Plan Volume (CPV).

Dear Mr. Plum and Mr. Hargis:

The purpose of this letter is to approve the amendment request for the extension of compliance dates for **TG 3.1.2 Sub-group "Soil with Heavy Metals"** to the FFCO STP/CPV which New Mexico State Environment Department (NMED) Hazardous and Radioactive Materials Bureau (HRMB) is tracking as Amendment 97-01. The original compliance date of Sept. 30, 1997 has been approved to be amended to December 29, 1997.

Most of the 59 items in "Soil with Heavy Metals" scheduled originally for a compliance date of Sept. 30, 1997 have been discussed at previous meetings or correspondence between NMED and the Department of Energy (DOE) Los Alamos Area Office and University of California (UC) at Los Alamos National Laboratory (LANL). To reiterate<sup>1</sup>, forty-seven of the items were requested for reclassification under section *V.B Other Matters Covered in This Order*, however, this request was later retracted and 46 have been sent to Envirocare near Clive, Utah. The four Special Nuclear Materials (SNM) items from LANL scheduled to be disposed at Envirocare with the other 46 were not sent due to a Confirmatory Order placed on the facility by the Nuclear Regulatory Commission (June 1997) regarding SNM possession limits at the facility. By granting

<sup>1</sup>Correspondence from H. L. Plum (DOE/LAAO) to Janice Archuleta (NMED/HRMB) dated August 26, 1997.



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this compliance date extension, DOE has confidence that the SNM items will be able to be shipped as soon as the Envirocare facility is able to receive such items; within the compliance date extension time frame, although this is not a certainty. The remaining items in this sub-group will be able to be administratively addressed within the extended time period, inclusive of the revision needed for the nonexistent item (0.1047 m<sup>3</sup>).

Please be advised that the revision process is somewhat lengthy and entails HRMB review and approval and 30 days of public comment.

Enclosed is the amended STP/CPV page 8 (LANL STP/CPV Rev. 1.0, 2.0, 3.0 January 1997, non-strikeout version) which corresponds to the changed compliance date. Please replace this page to make the volume current.

If there are any questions concerning this or other FFCO matters, please call me at (505) 827-1558.

Sincerely,

  
Janice Archuleta, FFCO Project Manager

enclosure

ja

cc: Benito Garcia, Chief, Hazardous and Radioactive Materials Bureau  
Walter Medina, Environmental Specialist  
John Tymkowych, Program Manager, RCRA Inspections and Enforcement  
Susan McMichael, OGC

(corresponds to CPV page 8, January 1997 version)

### 3.1.2 Off-site Treatment by Stabilization or Macroencapsulation

#### Treatability Group(s):

#### LLMW for Stabilization

Treatability group	MWIR waste ID	RCRA codes	Number of items	Net volume (M <sup>3</sup> )
lead blankets	LA-W903	D007, D008	4	0.74
soil with heavy metals	LA-W904	D004, D005, D006, D007, D008, D009, D010, D011	59	10.53
ER soils	LA-W905	D028, D029, F001, F005 D010, D011	36	39.32
<b>Totals</b>			<b>99</b>	<b>50.59</b>

#### Treatment Technology:

The waste will be treated at an off-site facility that stabilizes or macroencapsulates wastes. Should DOE decide to treat waste at an off-site non-commercial facility, the DOE shall notify the NMED Project Manager in writing as soon as possible and in any event within fourteen (14) working days after confirmation of a shipment date with the affected off-site facility. The NMED Project Manager shall approve in writing the off-site non-commercial treatment option proposed by DOE prior to any shipment by DOE.

Activity	Compliance Dates
A. Meet all regulatory requirements prior to shipping waste	05/30/97
B. Complete shipping waste	<del>09/30/97</del> 12/29/97
C. Provide documentation to NMED that waste was received at off-site facility	Within 45 days of receipt of waste at treatment facility