

**LOCKHEED MARTIN**

**MISSILES & SPACE : VALLEY FORGE OPERATION**

**P.O. Box 8555, Philadelphia, PA 19101**

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**August 29, 1997**

Mr. Mohamed M. Shanbaky, Chief  
Division of Radiation Safety and Safeguards  
US Nuclear Regulatory Commission, Region 1  
475 Allendale Road  
King of Prussia, PA 19406-1415

Dear Mr. Shanbaky:

Subject: Financial Assurance for Decommissioning  
re: License Nos. SUB-831 37-02006-05 37-02006-09  
Docket Nos. 040-07344 030-06046 030-12894

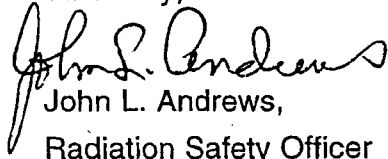
Lockheed Martin Corporation hereby submits its annual financial assurance documentation, by attachments, to comply with 10CFR 30.35 and 40.42 to cover potential decommissioning funding on radioactive materials licenses held by this 'Valley Forge' facility.

The Decommissioning Funding Plan is submitted as Attachment No. 1.

Also provided is Attachment No. 2, financial assurance documentation that funds will be available if and when a Decommissioning Funding Plan is implemented, per the financial assurance method of 10CFR30, App. C.

If you have any questions regarding this, feel free to call me.

Sincerely,

  
John L. Andrews,  
Radiation Safety Officer

cc: T. Hoover, M.D.,  
E. Wisser  
J. Meyer, Corporate Treasury

*F.L.*  
*9/15/97*

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**ATTACHMENT NO. 1**

**1997 Decommissioning Funding Plan**

for  
NRC Materials Licenses  
SUB-831

37-02006-05

37-02006-09

August 29, 1997

Lockheed Martin Corporation  
Valley Forge Operation  
P.O. Box 8555  
Philadelphia, PA 19101

## Decommissioning Funding Plan (DFP)

### 1.0 Scope

Lockheed Martin Corporation, Astro Space (Valley Forge Facility) herein presents its updated 1997 DFP for NRC Materials License Nos. SUB-831, 37-02006-05 and 37-02006-09. This plan describes the radioactive byproduct and source material in inventory, their ownership and the current estimated costs for their proper removal.

### 2.0 Radioactive Material Inventory

Radioactive material inventory on these licenses generally consists of sealed sources. At the present time there is no identifiable radioactive contamination, fixed equipment or structure at sites identified on these licenses; any such item has been decontaminated.

Table 1 tabulates the activity and status of the complete current inventory. The items "A-M" are those identified in the original DFP submittal of January 1992, less deletions. Additions to the inventory are shown as items "P and R". For this years status, reductions occurred because of transfers. For item 'J', two Gammacells, the activity is nominal since 'reloads' occur from time to time and these do not affect DFP costs.

### 3.0 DFP Cost Estimate

Table 1 also presents estimated costs, by item, for decommissioning of inventory which is Lockheed Martin property. These costs come directly from the original DFP or are reasonable estimates for the newly added items, if they are Lockheed Martin property. Of the additional items, we expect only 'R' to be here after 1997.

It is presumed that, with respect to radioactive materials owned by agencies of the U.S. government and held here for use or storage, the U.S. government will assume any and all costs of physical transfer.

The decommissioning costs shown in Table 1 total to the amount of \$ 226,000; inventory items subtotal \$ 214,200 and the remainder covers estimated supervisory and other 'office-type support' charges of an administrative nature.

### 4.0 Financial Assurance

Lockheed Martin by separate Attachment (No. 2) provides financial assurance evidence per the method of App. B of 10CFR30.

Table 1 Radioactive Materials and Estimated Decommissioning Costs (\$)

Rad. Mat'l	Isotope / Activity (Curies)	ESTIMATED DECOMMISSIONING COSTS (\$)			Notes
Item No.		NRC License #			
		SUB 831	37-	37-	
			02006-05	02006-09	
A	Am241 / 1.0		160,000		
B	Sr90 / 10.0		3,700		
C	Sr90 / 0.1		1,500		
D	Pu239 / 5 micro		5,000		
E	Pu238 / 0.09		15,000		
F	Co60 / 0.016		1,500		
G	Various / < 0.001		1,000		Density gauge, test samples and instrument calibration sources.
J	Co60 / (b)(4)	644		25,000	Two Gammacell-220's
M	Th232 / 0.0008	0			USAF property (form is MgTh plates; maximum inventory for year is shown).
P (new)	Kr85 / 0.66		1,500		Activity as of 1/94.
R (new)	Th232 / approx. 0.003	0			USAF property (MgTh) in multiple spacecraft.
SUBTOTALS		0	189,200	25,000	214,200
Administration (See text)					11,800
			TOTAL		226,000

**ATTACHMENT NO. 2**

**Decommissioning Funding  
Financial Assurance Documents**

**for**

**NRC Materials Licenses**

**SUB-831**

**37-02006-05**

**37-02006-09**

**August 29, 1997**

**Lockheed Martin Corporation  
6801 Rockledge Drive  
Bethesda, MD 20817**

Decommissioning Funding  
Financial Assurance Documents

for

NRC Materials Licenses SUB-831, 37-02006-05 and 37-02006-09

Under separate, prior issue the Lockheed Martin Corporation, in July of 1996 supplied all required financial assurance documentation for decommissioning funding.

In particular, the Letter of Credit, (b)(4) by Wachovia Bank has been automatically renewed for the period from July 8, 1997 to July 7, 1998; this continues the required financial assurance.

844