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Rocky Flats Plant
North American Space Operations
Rockwell International Corporation
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Contractor to U.S. Department of Energy

Rockwell International

85-RF-3366

December 10, 1985

Albert E. Whiteman
Area Manager
DOE, RFAO

BERYLLIUM FIVE-YEAR PROJECTION (U)

As requested in a November 19, 1985, letter, W. J. O'Brien to J. E. Kinzer, attached for your review is the update of the Five Year Beryllium Requirements. Please note that there is no oxide controlled or generated by Rocky Flats.

If there are any questions concerning the attached information, please contact R. G. Stearns, Material Scheduling and Control, Ext. 7262.

J. E. Kinzer

J. E. Kinzer, Director
Program Management

Orig. and 1 cc - A. E. Whiteman
Enc.

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DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW

1ST REVIEW-DATE: 5/19/98
AUTHORITY: DC DD
NAME: Jim Strong

2ND REVIEW-DATE: 8/20/98
AUTHORITY: DD
NAME: Nazir Khalil AL

DETERMINATION (CIRCLE NUMBER(S))
1. CLASSIFICATION RETAINED
2. CLASSIFICATION CHANGED TO:
3. CONTAINS NO DOE CLASSIFIED INFO
4. COORDINATE WITH:
5. CLASSIFICATION CANCELED
6. CLASSIFIED INFO BRACKETED
7. OTHER (SPECIFY):

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FIVE-YEAR BERYLLIUM PROCUREMENT FORECAST

Based on the current AWLPG, dated September 5, 1985, our five-year procurement forecast of Beryllium is as follows:

	FY86(2)	FY87	FY88	FY89(3)	FY90
Cost in Millions(1)	13,690,704	10,831,637	12,679,016	15,605,800	14,803,129
Weight (lbs)	20,449	17,049	21,518	24,530	24,158

The following analysis reflects the quantity of Beryllium scrap Rocky Flats would generate based on the new build and retirement figures in the AWLPG:

TYPE OF SCRAP	FY86	FY87	FY88	FY89	FY90
Non-contaminated from retirements (lbs)	1840	948	1019	1304	933
Solid scrap from new build attrition (lbs)	987	745	576	899	1026
Chips from new build machining at Rocky Flats	4858	4121	3684	4514	4677
Chips from new build machining retained by Loral ABC (vendor)	2498	2913	3261	3428	3420

DOE b(3)

(1) Cost is based on latest purchase orders with Brush Wellman (FY85). No inflation factors have been added.

(2) Included in cost is $550,419 cancellation charge for W-79.

(3) W82 Build in FY89 is based partially on W79 look alike Blanks.

THE CURRENT SCRAP BERYLLIUM INVENTORY AT ROCKY FLATS IS AS FOLLOWS:

1.	Solid Scrap (broken) from new Build attrition:	11,760 lbs. approx. (70 barrels)
2.	Beryllium Billets from wrought Beryllium process:	8,681 lbs. (37 barrels)
3.	Contaminated parts from site returns:	3,210 lbs. approx. (30 barrels)
		DOE b(3)
5.	Beryllium chips from new Build machining:	18,453 lbs. (71 barrels approx.)

DOE b(3)

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