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EG&G ROCKY FLATS, INC.
ROCKY FLATS PLANT, P.O. BOX 464, GOLDEN, COLORADO 80402-0464 • (303) 966-7000

October 10, 1994

94-RF-10340

Doug Dennison
Advanced Science Incorporated
405 Urban Street, Suite 401
Lakewood, Colorado 80228-1236

OPERABLE UNIT NO. 5, ROCKY FLATS PLANT WOMAN CREEK PRIORITY DRAINAGE, ROCKY
FLATS BATTERY RECYCLING PROGRAM - CAB-050-94

Action: Complete and return the attached forms

The purpose of this letter is to request your assistance in completing the battery inventory
as described in the attached letter and forms.

Please complete and return the forms to me by October 15, 1994.

If I can provide any additional information, I can be reached at 966-9100.

CAB

Carol A. Bicher
Operable Unit No. 5 Project Manager
Environmental Restoration Program Division

CAB:cb

Attachment:
As Stated

To: Carol Bicher

INTEROFFICE CORRESPONDENCE

Please Pass along
to ASI

thanks
Elm
9/30/94

DATE: September 26, 1994
TO: Distribution
FROM: E. A. Keil, Field Operations, Bldg. 080, X8642, D4405
SUBJECT: BATTERY RECYCLING PROGRAM - EAK-006-94
DOE Order: 5400.1
Action: Submit inventory by October 15, 1994

To initiate a battery recycling program in conjunction with the Rocky Flats Plant Battery Management Plan, I will need all subcontractors and Environmental Restoration (ER) personnel working in the ER operations yard to complete a battery inventory of all Resource Conservation and Recovery Act (RCRA) regulated batteries that are used in your area. To determine if your batteries are RCRA regulated please refer to attachment 1 which is Appendix 2 from the Battery Management Plan. Please complete and return the attached inventory log sheet (Attachment 2) to T891H by October 15, 1994. If you or your staff have subcontractors which use or dispose of batteries at RFETS, please have them complete an inventory log sheet also.

If you have any questions please contact Ed Keil at extension 8642, or pager 4405.

EAK:bk

Attachments:
As Stated (2)

Distribution

G. A. Anderson	A. L. Primrose
M. S. Buddy	D. L. Schubbe
W. S. Busby	S. B. Smith
C. D. Cowdery	
W. F. Fuller	cc:
N. A. Holsteen	M. C. Broussard
R. Z. Houk	M. C. Burmeister
S. R. Keith	L. A. Gregory-Frost <i>xag</i>
J. A. Ledford	ERP Project File (2)
E. C. Mast	
M. F. McHough	C. A. Bicher
K. K. O'Neil	
B. D. Peterman	
L. J. Peterson-Wright	

07/15/94

APPENDIX 2

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BATTERY DESIGNATION CHART

Common Name	Common Types	Recycle (Recycling)	Recycle (Regulation)	RCRA Regulated (Residuum)	RCRA Regulated (Residuals)	RCRA Regulated (Residuals)	RCRA Regulated (Residuals)	RCRA Regulated (Residuals)	Characterization (EPA) Codes
Alkaline	Alkaline	No	No	No	No	No	No	No	None
	Alkaline-Manganese	No	No	No	No	No	No	No	None
	Alkaline-Manganese/Dioxide/Zinc (common battery)	No	No	No	No	No	No	No	None
Carbon	Carbon	No	No	No	No	No	No	No	None
	Carbon-Zinc	No	No	No	No	No	No	No	None
	Zinc-Carbon	No	No	No	No	No	No	No	None
	Zinc-Chloride	No	No	No	No	No	No	No	None
	Magnesium-Carbon (common battery)	No	No	No	No	No	No	No	None
Lead-Acid	Lead-Acid	Yes	Yes	Yes*	No	No	No	Yes	D002, D008
	Gel-Cell	Yes	Yes	Yes*	No	No	No	Yes	D002, D008
	Lead-Calcium (common vehicle battery)	Yes	Yes	Yes*	No	No	No	Yes	D002, D008
Lithium	Lithium	No	No	Yes	No	No	No	Yes	D003
	Lithium Manganese/Dioxide (watch, calculator type)	No	No	Yes	No	No	No	Yes	D003
Mercury	Mercury	Yes	Yes	Yes	No	No	No	Yes	D002, D009
	Mercuric Oxide	Yes	Yes	Yes	No	No	No	Yes	D002, D009
	Mercury-Zinc	Yes	Yes	Yes	No	No	No	Yes	D002, D009
Nickel-Cadmium	Ni-Cad	Yes	Yes	Yes	No	No	No	Yes	**Refer to Ni-Cad Wet or Dry
	Ni-Cad-Wet	Yes	Yes	Yes	No	No	No	Yes	D002, D006
	Ni-Cad-Dry (Some rechargeable, pager type)	Yes	Yes	Yes	No	No	No	Yes	D006
Silver Oxide	Silver	No	No	Yes	No	No	No	Yes	D002, D009, D011
	Silver Oxide	No	No	Yes	No	No	No	Yes	D002, D009, D011
* Managed as a RCRA Regulated Hazardous Waste, Per Section 5.3, (Lesser Management Requirements)									
** If unknown, default to Ni-Cad-Wet									
NOTE: Appendix 2, Battery Designation Chart, aids the generator in completing preliminary waste characterization. Refer to the WSRIC document for your building/area, or complete a NRMOL for each battery type. If a battery type is not listed in Appendix 2, contact your area EC for further guidance.									