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USEcology

March 1, 1982

Mr. John Vaßen, Supervisor  
 Radiological Health Section  
 Consumers' Protective Service  
 Nevada Division of Health  
 505 East King Street, Room 103  
 Carson City, NV 89710

Comments:  
 NUC Lic Comm  
 NUC SNM Files

License Number 13-11-0043-02  
 Beatty, Nevada Low-Level Radioactive  
 Waste Disposal Facility



Dear Mr. Vaßen,

US Ecology has completed an audit of all radioactive waste shipment and disposal records to verify the quantities of Special Nuclear Material (SNM) buried at the Beatty, Nevada low-level radioactive waste disposal facility.

Each shipment and disposal record from 1962 to 1981 inclusive was reviewed. Those records which listed SNM were audited to check the total SNM material in grams buried by totaling package SNM quantities. We have prepared and enclosed audit reports which detail yearly SNM isotope quantities, yearly totals and year end totals to date. In conducting the audit some additional minor mathematical errors for individual shipment and disposal records were found. Thus, previously submitted burial reports by US Ecology will require some minor correction by US Ecology.

In addition our audit has shown that the shipment and disposal records contain more detailed information than provided on the Nuclear Material Transaction Report (DOE/NRC Form 741). For example, small quantities of SNM (less than 1 gram) do not require 741 form submission and in many cases the 741 form is only accurate to whole numbers and thus as much as 0.5 gram per package difference between the 741 form and shipment and disposal form can occur.

Under the circumstances we recommend that a meeting between you or a designated representative of the Department and US Ecology be scheduled at the Beatty facility in order to review the specifics of this audit.

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 PDR WASTE  
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ORIGINAL NOT REC'D

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John Vaden

I would be pleased to answer any questions you might have concerning this audit. Please feel free to call me.

Sincerely,

  
W. M. Hipsler  
Manager, Corporate Safety

WMH/cdm

Enclosure

cc: US NRC Bob Browning

S.N.M. WASTE BURIAL RECORD  
BEATTY, NEVADA

YEAR	Enriched Uranium	U <sup>235</sup> /Pu <sup>239</sup> *	Plutonium	Total This Year	Total To Date
1962	127.7132		0.00235	127.72	127.72
1963	4935.368		0.33216	4935.70	5063.42
1964	3654.01		66.3	3720.31	8783.73
1965	12,261.241		206.22	12,467.46	21,251.19
1966	10,184.23		301.95	10,486.18	31,737.37
1967	22,546.764		665.383	23,212.15	54,949.52
1968	8765.181		312.0994	9077.28	64,026.80
1969	6536.09		85.8489	6621.94	70,648.74
1970	7948.205		965.94	8914.15	79,562.89
1971	19,461.25		908.51	20,369.76	99,932.65
1972	20,401.19	109.57	759.72	21,270.48	121,203.13
1973	15,291.05		420.29	15,711.34	136,914.47
1974	11,852.02		6122.89	17,974.90	154,889.37
1975	18,277.82	713.82	11,368.84	30,360.49	185,249.86
1976	2104.40		0.222	2104.62	187,354.48
Subtotal:	164,346.53	823.39	22,184.547	187,354.48	-----

\* Certain RSRs/RWSDs provided only this identification.

ALL WEIGHTS IN GRAMS.

