

U. S. NUCLEAR REGULATORY COMMISSION
OFFICE OF INSPECTION AND ENFORCEMENT

REGION V

Report No. 80-62
Docket No. 15000027 License No. _____ Safeguards Group _____
Licensee: _____

Facility Name: Nuclear Engineering Company
Inspection at: Beatty, Nevada
Inspection conducted: September 30, 1980

Inspectors: *R.D. Thomas* 11/14/80
Wm. Mark Grayson, Radiation Specialist Date Signed

Approved by: *R.D. Thomas* 11/14/80
R. D. Thomas, Chief Date Signed
Materials Radiological Protection Section

Approved by: *H. E. Book* 11/14/80
H. E. Book, Chief Date Signed
Fuel Facility and Materials Safety Branch

Summary:

Inspection on September 30, 1980 (Report No. 15000027/80-62)

As part of the low level waste inspection conducted during September 29, 1980 through October 2, 1980, trailer numbers 440654 and 440132 were inspected and are detailed in this report. No packages were opened.

Representatives Darwin Garvin, Sandra Yakey, and Douglas Ernin from the Department of Transportation were present at the site on October 2, 1980. Burt Grey from the Nevada State Health Division was present during this inspection.

Results: Three apparent items of noncompliance with NRC/DOT regulations were observed. See the enclosed report for details on potential items of noncompliance found during the inspection of trailers 440654 and 440132. It appears the NRC Region I Office, the State of Nevada and the Department of Transportation are the appropriate organizations to take enforcement actions.

DETAILS

Persons Contacted

Steve Carpenter, Site Manager, NECO
Brian Thayer, Assistant Site Manager, NECO
Jim Cruickshank, Radiation Safety Officer, NECO
Mark Poirier, Chemical Safety Officer, NECO
Burt Grey, Nevada State Health Division
Darwin Garvin, Department of Transportation
Sandra Yakey, Department of Transportation
Douglas Ermin, Department of Transportation
Bob Gregg, United Nuclear Corporation
Peter Dessaulas, United Nuclear Corporation

Background

As part of the low level waste inspection conducted during September 29, 1980 through October 2, 1980, an inspection was initiated on Tri-State Motor Transit Trailer Numbers 440654 and 440132 from United Nuclear Corporation, Wind River Junction, Rhode Island. During the unloading of trailer number 440132, the shipment was found to contain a leaking drum identified by the number 575 on the lid which corresponded to its weight. This item of noncompliance prompted a State of Nevada banning of United Nuclear Corporation. A second shipment from United Nuclear Corporation was also found to contain a leaking box, number 54. The State of Nevada banning of United Nuclear Corporation meant that all four trailers; three received on September 29, 1980, yet not unloaded, and one received on September 30, 1980 (although not accepted by NECO) were present at the Beatty site, but could not be unloaded. Since these shipments were not off loaded due to the State of Nevada banning, NRC inspection of individual waste packages was not possible, and only those portions of the load surveyed could be stated to be within limits. The results of the partial inspections of trailer numbers 440654 and 440132 are detailed in this report. Potential items of noncompliance for each shipment are described in paragraph 3.

Radiation surveys were performed with a Xetex Model 305B, serial number 8215, due for recalibration October 1, 1980. Contamination surveys and checks for removable radioactive contamination were performed with an Eberline E-520 and HP-260 pancake probe, serial number 1747, due for recalibration November 20, 1980.

Inspection

Licensee - Shipper	United Nuclear Corporation Wind River Junction, Rhode Island
Shipment Inspected	September 30, 1980
Carrier	Tri-State Motor Transit
Trailer	440654
Freight Bill	356922

1. This trailer transported five drums and fourteen boxes of LSA radioactive waste as described in the Radioactive Shipment Record (RSR) provided as Attachment A. This was an exclusive use shipment.
2. Radiation surveys of the trailer indicated a maximum dose rate of 0.3 mr/hr at the surface of the trailer and 0.1 mr/hr at two meters from the sides of the trailer. The dose rate in the cab was measured to be 0.1 mr/hr.
3. 49 CFR 173.392 requires that for LSA waste: (1) The outside of each outside package must be identified or otherwise marked "Radioactive-LSA" and that (2) "Materials must be packaged in strong, tight packages so there will be no leakage of radioactive material under conditions normally incident to transportation."

Contrary to the above requirements, box number 54 was not marked as LSA and was found to be leaking water from the bottom seams of the box. Photographic documentation of package condition is provided in Attachment C.

4. Checks of boxes for removable radioactive contamination and a survey of the accessible portions of the trailer bed showed no significant radioactive contamination above background.

Inspection

Licensee - Shipper	United Nuclear Corporation Wind River Junction, Rhode Island
Shipment Inspected	September 30, 1980
Carrier	Tri-State Motor Transit
Trailer	440132
Freight Bill	356920

1. This trailer transported 60 drums and 1 box of LSA radioactive wastes as described in Attachment B.
2. Radiation surveys of the trailer indicated a maximum dose rate of 0.2 mr/hr at the surface of the trailer and 0.1 mr/hr at two meters from the sides of the trailer. The dose rate in the cab was measured to be 0.1 mr/hr.
3. 49 CFR 173.392 requires materials shipped as LSA to "be packaged in strong, tight packages so there will be no leakage of radioactive materials under conditions normally incident to transportation."

Contrary to the above a drum marked with the number 575 (corresponding to its weight) was found to be leaking fluid from a bung hole. Photographic documentation of package condition is provided in Attachment C.

4. Checks of drums for removable radioactive contamination and a survey of the accessible portions of the trailer bed showed no significant radioactive contamination above background.

THIS SHIPPING ORDER

must be legibly filled in, in ink, in Indelible Pencil, or in
Custom, and retained by the Agent.

DELIVERED subject to the conditions and terms set forth on the reverse side of this shipping order.

Attachment
AGENT'S NO. **A**

From **UNITED NUCLEAR CORPORATION**

MONTVILLE, CONN. WOOD RIVER JCT., R. I.

CARRIER'S NO.

2534

SHIPPER'S NO.

78

DATE SHIPPED

September 25, 1980

NAME OF CARRIER **Tri-State Trucking**

CONSIGNEE TO

Nuclear Engineering Company, INC.

STATE

COUNTY

P.O. BOX 578

DELIVERY ADDRESS

Deerby, NY 89003

ROUTE

DELIVERING CARRIER

CAR OR VEHICLE INITIALS NO.

Tri-State Trucking

Subject to Section 7 of conditions,
if this shipment is to be delivered
to the consignee without recourse
on the consignor, the consignor shall
sign the following statement:
The carrier shall not make deli-
very of this shipment without
payment of freight and all other
lawful charges.

UNITED NUCLEAR CORPORATION

(Signature of consignor.)

If charges are to be prepaid, write
or stamp here, "To Be Prepaid."

Ree'd \$ _____ is
apply in prepayment of the charges
on the property described herein.

Agent or Carrier.

Per _____
(The signature here acknowl-
edges only the amount prepaid.)

Charges advanced:

NUMBER PACKAGES	H. M.	KIND OF PACKAGE, DESCRIPTION OF ARTICLES, SPECIAL MARKS, AND EXCEPTIONS	WEIGHT (Subject to Correction)	CLASS or RATE	Check Column
		RADIOACTIVE MATERIAL - LSA NOS			
		271.0 gms U 235			
		.02 Curies			
5	drums	178570Cs containing radioactive material LSA NOS			
14	boxes	Boxes containing radioactive material LSA NOS			
TOTAL WEIGHT			20,535.273		
Total cubic feet - 653.5			23,278		
Documents: ZMT-VAU-12A FBY-VAU-11					
Drums marked "RADIOACTIVE LSA" Exempt from labeling Placards required					

SPECIAL INSTRUCTIONS:

"DO NOT OPEN IN TRANSIT. SHIPMENT
TO BE OPENED BY CONSIGNEE FROM
THIS VEHICLE."

"This is to certify that the above-named
materials are properly classified, described,
packaged, marked and labeled and are in
proper condition for transportation according
to the applicable regulations of the Depart-
ment of Transportation."

Personal Hand

INV. NO.

When shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."
NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____

"Shipper's interest in lieu of stamp;
not a part of bill of lading involved
by the Interstate Commerce Commission"

UNITED NUCLEAR CORPORATION, Shipper, Per *J. B. Howard*

Agent, Per _____

To certify that the above named articles are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation, accord-

14 cont.

356922
SHIPPER'S NUMBER
2534

DATE SHIPPED Sept 25 1980

From United Nuclear Corporation

At Wood River Jet, Rhode Island

ORIGINATING CARRIER Tri-state Motor Transit

EXECUTIVE OFFICES
P.O. BOX 113, JOPLIN, MO. 64801

CONSIGNEE TO Nuclear Engineering Co. Inc P.O. Box 578
Beatty, Nevada

Subject to Section 7 of conditions of applicable bill of lading, if this shipment is to be delivered to the consignee without recourse on the part of the shipper, the shipper shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

DELIVERY ADDRESS (To be filled in only when chapter desires and governing tariffs provide for delivery thereat)
CONNECTING CARRIER TR. STATE DELIVERING CARRIER 3872 TRACTOR NO. 440654 TRAILER NO.

QUANTITY	CLASS OR RATE	EX COL	WEIGHT Subject to Correction	AMOUNT
271.0 gms U235				
5 drums HOSTCs containing radioactive material				
12 boxes containing radioactive material			23.275	

(Signature of consignor)
if charges are to be prepaid write or stamp here. To be Prepaid.
Rec'd \$ to apply in prepayment of the charges on the property described hereon.
Agent or Cashier.
Per

LARGEST SINGLE ARTICLE	LENGTH	WIDTH	HEIGHT	TOTAL TRAILER SPACE OCCUPIED
	40	8	6	Full

(The signature here acknowledges only the amount prepaid.)
Charges advised.

UNLESS A GREATER VALUE IS DECLARED, THE SHIPPER HEREBY RELEASES THE VALUE TO \$5000.00 PER TON OF 2000 POUNDS FOR EACH ARTICLE.

ARRIVED AT SHIPPER	DATE	TIME	PREARRANGED SCHEDULE	DATE	TIME	LOADING STARTED	DATE	TIME
			<input type="checkbox"/> YES <input type="checkbox"/> NO					
LOADING COMPLETED			VEHICLE RELEASED			SHIPPER'S SIGNATURE		
PERMANENT POST OFFICE ADDRESS OF SHIPPER				SHIPPER, P.R.		AGENT, PER		

SIGNATURE TALLY RECEIPT

Must be filled out and signed at origin and each time the shipment changes custody.

DATE SHIPMENT RECEIVED FROM CONSIGNOR	2ND TIME CARGO CHANGED CUSTODY	3TH TIME CARGO CHANGED CUSTODY
DATE: _____ TIME: _____ AM/PM	DATE: _____ TIME: _____ AM/PM	DATE: _____ TIME: _____ AM/PM
TRACTOR NO. _____	TRACTOR NO. _____	TRACTOR NO. _____
DRIVERS SIGNATURE _____ HOME TERMINAL _____	DRIVERS SIGNATURE _____ HOME TERMINAL _____	DRIVERS SIGNATURE _____ HOME TERMINAL _____
DRIVERS SIGNATURE _____ HOME TERMINAL _____	DRIVERS SIGNATURE _____ HOME TERMINAL _____	DRIVERS SIGNATURE _____ HOME TERMINAL _____
4TH TIME CARGO CHANGED CUSTODY	5TH TIME CARGO CHANGED CUSTODY	6TH TIME CARGO CHANGED CUSTODY
DATE: _____ TIME: _____ AM/PM	DATE: _____ TIME: _____ AM/PM	DATE: _____ TIME: _____ AM/PM
TRACTOR NO. _____	TRACTOR NO. _____	TRACTOR NO. _____
DRIVERS SIGNATURE _____ HOME TERMINAL _____	DRIVERS SIGNATURE _____ HOME TERMINAL _____	DRIVERS SIGNATURE _____ HOME TERMINAL _____
DRIVERS SIGNATURE _____ HOME TERMINAL _____	DRIVERS SIGNATURE _____ HOME TERMINAL _____	DRIVERS SIGNATURE _____ HOME TERMINAL _____
7TH TIME CARGO CHANGED CUSTODY	8TH TIME CARGO CHANGED CUSTODY	9TH TIME CARGO CHANGED CUSTODY
DATE: _____ TIME: _____ AM/PM	DATE: _____ TIME: _____ AM/PM	DATE: _____ TIME: _____ AM/PM
TRACTOR NO. _____	TRACTOR NO. _____	TRACTOR NO. _____
DRIVERS SIGNATURE _____ HOME TERMINAL _____	DRIVERS SIGNATURE _____ HOME TERMINAL _____	DRIVERS SIGNATURE _____ HOME TERMINAL _____
DRIVERS SIGNATURE _____ HOME TERMINAL _____	DRIVERS SIGNATURE _____ HOME TERMINAL _____	DRIVERS SIGNATURE _____ HOME TERMINAL _____

ARRIVED AT CONSIGNEE	DATE	TIME	PREARRANGED SCHEDULE	DATE	TIME	UNLOADING STARTED	DATE	TIME
	9-28-80	1230	<input type="checkbox"/> YES <input type="checkbox"/> NO					
UNLOADING COMPLETE			VEHICLE RELEASED	9-28-80	5:15	CONSIGNEE'S SIGNATURE: <i>Received for use</i>		

RECEIVED THE ABOVE DESCRIBED PROPERTY IN GOOD CONDITION EXCEPT AS NOTED

RADIOACTIVE WASTE SHIPMENT & DISPOSAL FORM
NUCLEAR ENGINEERING COMPANY, INC.
 EXECUTIVE OFFICE: (502) 423-7100
 P.O. BOX 725 • LOUISVILLE, KENTUCKY 40207
 Illinois Office: (315) 454-2324
 California Office: (415) 932-4990

P.O. Box 578
 Beatty, NV 89003
 (702) 553-2203
 P.O. Box 638
 Richmond, VA 99352
 (505) 377-2411

SHIPPER: *The Rec Systems*
 ADDRESS: *Wood Fired Gpt.*
 PHONE: *441-364-7041*
 SHIPPER'S ID: *166*
 DATE OF SHIPMENT: *9/25/80*
 CARRIER: *RR - State*

PAGE 1 OF 2

NO. **15129**

TOTAL QUANTITY	PROPER SHIPPING NAME & HAZARD CLASS (PER 49 CFR 172.101)	TOTAL WEIGHT IN POUNDS
	Radioactive Device, N.O.S.	
	Radioactive Material, Fissile, N.O.S.	
	Radioactive Material, Low Specific Activity, N.O.S.	<i>232.78</i>
	Radioactive Material, N.O.S.	
	Radioactive Material, Limited Quantity, N.O.S.	
	Radioactive Material, Special Form, N.O.S.	

(1) Item No.	(2) Label	(3) Weight (Pounds)	(4) Physical Form	(5) Chemical Form	(6) Radioactivity	(7) Special Nuclear Material (grams)	(8) Source Material (Micrograms)	(9) Activity (Curies, Radiums)	(10) Radiation Levels (MR, HR) Surface	(10) Radiation Levels (MR, HR) 3 Feet	(11) Transport Group	(12) Transport Index	(13) Label	(14) Inside Class	(15) Type of Container	
TOTALS																

THIS IS TO CERTIFY THAT THE ABOVE NAMED MATERIALS ARE PROPERLY CLASSIFIED OR DESCRIBED, PACKAGED, LABELED AND ARE BEING PROPERLY GUARANTEED FOR TRANSPORTATION ACCORDING TO APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION

THIS IS TO CERTIFY THAT ARTICLES ARE IN COMPLIANCE WITH ALL REGULATIONS APPLICABLE AT THE DESIGNATED DISPOSAL SITE

Authorized Signature: _____ Title: _____
 Authorized Signature: _____ Title: _____

SHIPPER: *Mc Beery Co*
 ADDRESS: *Abert River - Ga*
 PHONE: *404-367-9901*
 SHIPMENT TO: *106*
 DATE OF SHIPMENT: *SEP. 25 1980*
 CARRIER: *TRIS-Salt*

RADIOACTIVE WASTE SHIPMENT & DISPOSAL FORM
NUCLEAR ENGINEERING COMPANY, INC.
 EXECUTIVE OFFICE: (502) 423-7100
 P.O. BOX 7260 • LOUISVILLE, KENTUCKY 40207

Illinois Office: (315) 451-2324
 California Office: (415) 932-4900

P.O. Box 578
 Beatty, NV 89003
 (702) 553-2203
 P.O. Box 638
 Richland, WA 99352
 (509) 377-2411

NO. **15130** PAGE **1** OF **2**

TOTAL QUANTITY	PROPER SHIPPING NAME & HAZARD CLASS (PER 49 CFR 172.101)	TOTAL WEIGHT IN POUNDS
	- Radioactive Material	
	- Radioactive Material	
<i>50.1112</i>	- Radioactive Material, Low Specific Activity, N.O.S.	<i>23608</i>
	- Radioactive Material	
	- Radioactive Material	
	- Radioactive Material	
	- Radioactive Material	
	- Radioactive Material	

(1) Item No.	(2) Cubic Feet	(3) Weight (Pounds)	(4) Physical Form	(5) Chemical Form	(6) Radionuclide	(7) Special Nuclear Material (Grams)	(8) Source Material (Kilograms)	(9) Activity <input type="checkbox"/> Curies <input type="checkbox"/> Millicuries	(10) Radiation Levels		(11) Transport Group	(12) Transport Index	(13) Label	(14) Waste Class	(15) Type of Container
									Surface	3 Feet					
TOTALS															

THIS IS TO CERTIFY THAT THE ABOVE PACKED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, LABELED AND SHIPPED AND ARE BEING ACCEPTED FOR TRANSPORTATION ACCORDING TO APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION

[Signature]
 Authorized Signatory

THIS IS TO CERTIFY THAT ARTICLES ARE IN COMPLIANCE WITH ALL REGULATIONS APPLICABLE AT THE DESIGNATED DISPOSAL SITE

[Signature]
 Authorized Signatory

Exhibit 1. Continued (page 7 of 15)

Attachment B

356920

From UNC Recency Systems DATE SHIPPED 9-23-80

At Wood River Jct. R.I. # 103

ORIGINATING CARRIER Th. State EXECUTIVE OFFICES PO BOX 113, JOPLIN, MO. 64801

CONSIGNEE TO Nuclear Engineering (Mail or street address of consignee - For purposes of notification only)

DELIVERY ADDRESS B. Atty New (To be filled in only when shipper desires and governing tariffs provide for delivery thereat)

CONNECTING CARRIER(S) Th. State DELIVERING CARRIER 3002 TRACTOR NO. 440132 TRAILER NO.

NO. OF PACKAGES	KIND OF PACKAGE, DESCRIPTION OF ARTICLES, SPECIAL MARKS, AND EXCEPTIONS	WEIGHT (Subject to Correction)	CLASS OR RATE	CK COL	Signature of consignor			
					Prepaid	to apply in prepayment of the charges on the property described hereon.		
1	LOAD Misc. wastes For BUKIAH							
LARGEST SINGLE ARTICLE					LENGTH	WIDTH	HEIGHT	TOTAL TRAILER SPACE OCCUPIED
					40'	8'	136	40x8

UNLESS A GREATER VALUE IS DECLARED, THE SHIPPER HEREBY RELEASES THE VALUE TO \$5000.00 PER TON OF 2000 POUNDS FOR EACH ARTICLE.

ARRIVED AT SHIPPER	DATE	TIME	PREARRANGED SCHEDULE	YES	NO	DATE	TIME	LOADING STARTED	DATE	TIME
	9-23									
LOADING COMPLETED	DATE	TIME	VEHICLE RELEASED	DATE	TIME	SHIPPER'S SIGNATURE				
PERMANENT POST OFFICE ADDRESS OF SHIPPER						SHIPPER, PER		AGENT, PER		

SIGNATURE TALLY RECEIPT

Must be filled out and signed at origin and each time the shipment changes custody.

1ST TIME CARGO CHANGED CUSTODY		2ND TIME CARGO CHANGED CUSTODY		3RD TIME CARGO CHANGED CUSTODY	
DATE	TIME	DATE	TIME	DATE	TIME
TRACTOR NO.		TRACTOR NO.		TRACTOR NO.	
DRIVERS SIGNATURE	HOME TERMINAL	DRIVERS SIGNATURE	HOME TERMINAL	DRIVERS SIGNATURE	HOME TERMINAL
DRIVERS SIGNATURE	HOME TERMINAL	DRIVERS SIGNATURE	HOME TERMINAL	DRIVERS SIGNATURE	HOME TERMINAL
4TH TIME CARGO CHANGED CUSTODY		5TH TIME CARGO CHANGED CUSTODY		6TH TIME CARGO CHANGED CUSTODY	
DATE	TIME	DATE	TIME	DATE	TIME
TRACTOR NO.		TRACTOR NO.		TRACTOR NO.	
DRIVERS SIGNATURE	HOME TERMINAL	DRIVERS SIGNATURE	HOME TERMINAL	DRIVERS SIGNATURE	HOME TERMINAL
DRIVERS SIGNATURE	HOME TERMINAL	DRIVERS SIGNATURE	HOME TERMINAL	DRIVERS SIGNATURE	HOME TERMINAL
7TH TIME CARGO CHANGED CUSTODY		8TH TIME CARGO CHANGED CUSTODY		9TH TIME CARGO CHANGED CUSTODY	
DATE	TIME	DATE	TIME	DATE	TIME
TRACTOR NO.		TRACTOR NO.		TRACTOR NO.	
DRIVERS SIGNATURE	HOME TERMINAL	DRIVERS SIGNATURE	HOME TERMINAL	DRIVERS SIGNATURE	HOME TERMINAL
DRIVERS SIGNATURE	HOME TERMINAL	DRIVERS SIGNATURE	HOME TERMINAL	DRIVERS SIGNATURE	HOME TERMINAL

ARRIVED AT CONSIGNEE	DATE	TIME	PREARRANGED SCHEDULE	YES	NO	DATE	TIME	UNLOADING STARTED	DATE	TIME		
	9-29-80	07:00										
UNLOADING COMPLETE	DATE	TIME	VEHICLE RELEASED	DATE	TIME	CONSIGNEE'S SIGNATURE						
						9-29-80		3:15 PM			<i>Richard [Signature]</i>	

WE ACCEPT THE CARGO AS SHIPPED PROPERTY IN GOOD CONDITION EXCEPT AS NOTED

Exhibit 1. Continued (page 9 of 15)

RADIOACTIVE WASTE SHIPMENT & DISPOSAL FORM
NUCLEAR ENGINEERING COMPANY, INC.

EXECUTIVE OFFICE: (502) 420-7100
 P.O. BOX 7245 • LOUISVILLE, KENTUCKY 40207
 Illinois Office: (815) 454-2324
 California Office: (415) 932-4000

P.O. Box 578
 Beatty, NV 89003
 (702) 553 2203

P.O. Box 638
 Richland, WA 99352
 (509) 377 2411

NO. 15220

PAGE ____ OF ____

SHIPPER: _____
 ADDRESS: _____
 PHONE: _____
 SHIPMENT NO.: _____
 DATE OF SHIPMENT: September 23, 1960
 CARRIER: _____

TOTAL QUANTITY	PROPER SHIPPING NAME & HAZARD CLASS (PER 49 CFR 172.101)	TOTAL WEIGHT IN POUNDS
	Radioactive Device, N O S - Radioactive Material	
	Radioactive Material, Fissile, N O S - Radioactive Material	
	Radioactive Material, Low Specific Activity, N O S - Radioactive Material	
	Radioactive Material, N O S - Radioactive Material	
	Radioactive Material, Limited Quantity, N O S - Radioactive Material	
	Radioactive Material, Special Form, N O S - Radioactive Material	

(1) Item No.	(2) Cubic Feet	(3) Weight (Pounds)	(4) Physical Form	(5) Chemical Form	(6) Radionuclide	(7) Special Nuclear Material (Grams)	(8) Source Material (Kilograms)	(9) Activity Curies / Millicuries	(10) Radiation Levels MR/HR		(11) Transport Group	(12) Transport Index	(13) Label	(14) Fissile Class	(15) Type of Container
									Surface	3 Feet					
TOTALS															

THIS IS TO CERTIFY THAT THE ABOVE NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED AND LABELLED AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION.

THIS IS TO CERTIFY THAT ARTICLES ARE IN COMPLIANCE WITH ALL REGULATIONS APPLICABLE AT THE DESIGNATED DISPOSAL SITE.

 Authorized Signature Title

 Authorized Signature Title

B cont.

RADIOACTIVE WASTE SHIPMENT & DISPOSAL FORM
NUCLEAR ENGINEERING COMPANY, INC.

EXECUTIVE OFFICE: (502) 426-7160
 P.O. BOX 7246 • LOUISVILLE, KENTUCKY 40207

Illinois Office: (615) 454-2624
 California Office: (315) 932-4800

P. O. Box 578
 Beatty, NV 89003
 (702) 553-2203

P. O. Box 638
 Richland, WA 99352
 (509) 377-2411

Handwritten initials/signature

NO. **15223** PAGE OF

TOTAL QUANTITY	PROPER SHIPPING NAME & HAZARD CLASS (PER 49 CFR 172.101)	TOTAL WEIGHT IN POUNDS
	- Radioactive Material	
	- Radioactive Material	
	- Radioactive Material	
	- Radioactive Material	
	- Radioactive Material	
	- Radioactive Material	

(1) Item No.	(2) Cubic Feet	(3) Weight (Pounds)	(4) Physical Form	(5) Chemical Form	(6) Radioactive	(7) Special Radioactive Material (Grams)	(8) Source Material (Microgram)	(9) Activity (Curie) Miscellaneous	(10) Radiation Levels (M/R) Surface	(11) Transport Group	(12) Transport Index	(13) Label	(14) Radioactive	(15) Type of Container
16													Radioactive	
17													Radioactive	
18													Radioactive	
19													Radioactive	
20													Radioactive	
21													Radioactive	
22													Radioactive	
23													Radioactive	
24													Radioactive	
25													Radioactive	
26													Radioactive	
27													Radioactive	
28													Radioactive	
29													Radioactive	
30													Radioactive	
TOTALS														

3 cont.

THIS IS TO CERTIFY THAT ARTICLES ARE IN COMPLIANCE WITH ALL REGULATIONS APPLICABLE AT THE DESIGNATED DESTINATION. SHE

IS TO CERTIFY THAT THE ABOVE NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, KEPT AND LABELED AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION.

NEED COPY

Exhibit 1. Continued (page 11 of 15)

**RADIOACTIVE WASTE SHIPMENT & DISPOSAL FORM
NUCLEAR ENGINEERING COMPANY, INC.**

EXECUTIVE OFFICE: (502) 426-7100
P.O. BOX 7243 • LOUISVILLE, KENTUCKY 40207
Illinois Office: (315) 454 2524
California Office: (415) 532-4300

P.O. Box 578
Beatty, NV 89003
(702) 553 2203

P.O. Box 638
Richland, WA 99352
(509) 377-2411

Richland, WA
Beatty, NV
Beatty, NV

NO. 15221

PAGE 1 OF 3

TOTAL QUANTITY	PROPER SHIPPING NAME & HAZARD CLASS (PER 49 CFR 172.101)	TOTAL WEIGHT IN POUNDS
	Radioactive Device, N O S - Radioactive Material	
	Radioactive Material, Fissile, N O S - Radioactive Material	
	Radioactive Material, Low Specific Activity, N O S - Radioactive Material	
	Radioactive Material, N O S - Radioactive Material	
	Radioactive Material, Limited Quantity, N O S - Radioactive Material	
	Radioactive Material, Special Form, N O S - Radioactive Material	

(1) Item No.	(2) Cubic Feet	(3) Weight (Pounds)	(4) Physical Form	(5) Chemical Form	(6) Radionuclide	(7) Special Nuclear Material (Grams)	(8) Source Material (Kilogram)	(9) Activity <input type="checkbox"/> Curies <input type="checkbox"/> Microcuries	(10) Radiation Levels MR/HR		(11) Transport Group	(12) Transport Index	(13) Label	(14) Fissile Class	(15) Type of Container
									Surface	3 Feet					
1													Radioactive -		
2													Radioactive -		
3													Radioactive -		
4													Radioactive -		
5													Radioactive -		
6													Radioactive -		
7													Radioactive -		
8													Radioactive -		
9													Radioactive -		
10													Radioactive -		
11													Radioactive -		
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42													Radioactive -		
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44													Radioactive -		
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95													Radioactive -		
96													Radioactive -		
97													Radioactive -		
98													Radioactive -		
99													Radioactive -		
100													Radioactive -		
TOTALS															

B CONT.

THIS IS TO CERTIFY THAT THE ABOVE NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED AND LABELED AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION.

THIS IS TO CERTIFY THAT PACKAGES ARE IN COMPLIANCE WITH ALL REGULATIONS APPLICABLE AT THE DESIGNATED DISPOSAL SITE.

Authorized Signature Title

Authorized Signature Title

RADIOACTIVE WASTE SHIPMENT & DISPOSAL FORM
NUCLEAR ENGINEERING COMPANY, INC.

EXECUTIVE OFFICE: (502) 425-7160

P.O. BOX 7243 • LOUISVILLE, KENTUCKY 40207

Illinois Office: (815) 454-2624

California Office: (415) 932-4800

P.O. Box 578
 Beatty, NV 89003
 (702) 553-2203

P.O. Box 638
 Richland, WA 99352
 (509) 377-2411

NO. **15222**

PAGE **3** OF **3**

TOTAL QUANTITY	PROPER SHIPPING NAME & HAZARD CLASS (PER 49 CFR 172.101)	TOTAL WEIGHT IN POUNDS
	Radioactive Device, N O S	
	Radioactive Material, Fissile, N O S	
	Radioactive Material, Low Specific Activity, N O S	
	Radioactive Material, N O S	
	Radioactive Material, Limited Quantity, N O S	
	Radioactive Material, Special Form, N O S	

(1) Item No.	(2) Cubic Feet	(3) Weight (Pounds)	(4) Physical Form	(5) Chemical Form	(6) Isotopes	(7) Special Nuclear Material (Gross)	(8) Source Material (Gross)	(9) Activity (Ci) (Curie)	(10) Radiation Levels (mR/hr) Surface	(11) Transport Group	(12) Transport Index	(13) Label	(14) Radioactive Class	(15) Type of Container
1													Radioactive	
2													Radioactive	
3													Radioactive	
4													Radioactive	
5													Radioactive	
TOTALS														

THIS IS TO CERTIFY THAT THE ARTICLES ARE IN COMPLIANCE WITH ALL REGULATIONS APPLICABLE AT THE DESIGNATED DISPOSAL SITE

THIS IS TO CERTIFY THAT THE ABOVE PACKED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, LABELED AND SHIPPED AND ARE BEING RECEIVED FOR TRANSPORTATION ACCORDING TO APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION.

Signature _____ Title _____

Signature _____ Title _____

RADIOACTIVE WASTE SHIPMENT & DISPOSAL FORM
NUCLEAR ENGINEERING COMPANY, INC.

EXECUTIVE OFFICE: (502) 426-7100

P.O. BOX 7245 • LOUISVILLE, KENTUCKY 40207

Illinois Office: (315) 451-2024

California Office: (415) 532-4300

P. O. Box 578
Beatty, NV 89003
(702) 553-2203

P. O. Box 638
Richland, WA 99352
(509) 377-2411

PAGE 1 OF 2

NO. 15218

TOTAL QUANTITY	PROPER SHIPPING NAME & HAZARD CLASS (PER 43 CFR 172.101)	TOTAL WEIGHT IN POUNDS
	Radioactive Device, N O S	
	Radioactive Material, Fissile, N O S	
	Radioactive Material, Low Specific Activity, N O S	
	Radioactive Material, N O S	
	Radioactive Material, Limited Quantity, N O S	
	Radioactive Material, Special Form, N O S	

(2) Cubic Feet	(3) Weight (Pounds)	(4) Physical Form	(5) Chemical Form	(6) Radioisotope	(7) Special Nuclear Material (Grams)	(8) Source Material (Kilograms)	(9) Activity Curies (Microcuries)	(10) Radiation Levels Mrem/hr Surface 3 Feet	(11) Transport Group	(12) Transport Index	(13) Label	(14) Fissile Class	(15) Type of Container
											Radioactive		
											Radioactive		
											Radioactive		
											Radioactive		
											Radioactive		
											Radioactive		
											Radioactive		
											Radioactive		
											Radioactive		
											Radioactive		
											Radioactive		
TOTALS													

B cont.

THIS IS TO CERTIFY THAT ARTICLES ARE IN COMPLIANCE WITH ALL REGULATIONS APPLICABLE AT THE DESIGNATED DISPOSAL SITE

TO CERTIFY THAT THE ABOVE LISTED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED AND LABELED AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION.

Author's Signature

Author's Signature

N. CO COPY

THIS SHIPPING ORDER

Must be properly filled out in accordance with the instructions on the back of this form, and retained by the shipper.

B cont.

The shipper warrants that the contents of this bill of lading are true and correct and that the goods are properly packed, marked and labeled in accordance with the applicable laws, regulations and orders of the Interstate Commerce Commission and the Federal Bureau of Investigation. The shipper warrants that the goods are properly packed, marked and labeled in accordance with the applicable laws, regulations and orders of the Interstate Commerce Commission and the Federal Bureau of Investigation. The shipper warrants that the goods are properly packed, marked and labeled in accordance with the applicable laws, regulations and orders of the Interstate Commerce Commission and the Federal Bureau of Investigation.

From **UNITED NUCLEAR CORPORATION**

MONTVILLE, CONN. WOOD RIVER JCT., R. I.

CARRIER'S NO.

2529

SHIPPER'S NO.

73

DATE SHIPPED

September 23, 1980

NAME OF CARRIER

TRI-STATE (Exclusive Use)

CONSIGNEE TO

(Mail or street address of consignee - For purposes of notification only.)

Nuclear Engineering Company, Inc.

DESTINATION

STATE

COUNTY

P.O. Box 573

DELIVERY ADDRESS

(To be filled in only when shipper desires and governing tariffs provide for delivery thereat.)

Deatty, NV 89003

ROUTE

DELIVERING CARRIER

CAR OR VEHICLE INITIALS

NO.

Tri-State (Exclusive Use)

Subject to Section 7 of conditions, of appropriate bill of lading. If this shipment is to be delivered to the consignee without recourse to the shipper, the consignee shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

UNITED NUCLEAR CORPORATION

(Signature of consignee)

If charges are to be prepaid, write or stamp here, "To be prepaid."

TO BE PREPAID

Rate \$ _____ is apply in prepayment of the charges on the property described hereon.

Agent or Cashier.

Per _____ (The signature here acknowledges only the amount prepaid.)

Charge advanced:

NUMBER PACKAGES	H. M.	KIND OF PACKAGE, DESCRIPTION OF ARTICLES, SPECIAL MARKS, AND EXCEPTIONS	*WEIGHT (Subject to Correction)	CLASS or RATE	Check Column
		RADIOACTIVE MATERIAL - LSA NOS			
		325.4 gms. U-235			
		.03 Curies			
60	X	17H-STCs containing radioactive material LSA NOS	34,218 lbs		
1	X	Box containing radioactive material LSA NOS			
		Documents: SMT-VAU-10A FBY-VAU-10			
		Exempt from labeling			
		Drums marked "RADIOACTIVE LSA"			
		Placards required			

SPECIAL INSTRUCTIONS: "DO NOT OPEN IN TRANSIT. SHIPMENT TO BE OPENED BY CONSIGNEE FROM THIS VEHICLE."

J. J. Smith

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation."

INV. NO.

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

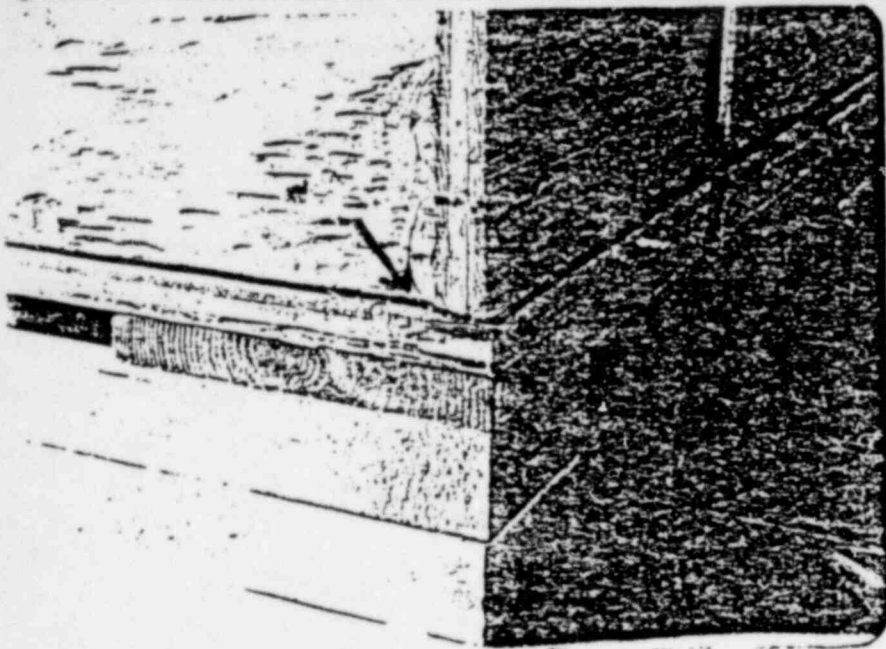
*Shipper's Import in lieu of stamp: Not a part of bill of lading required by the Interstate Commerce Commission

UNITED NUCLEAR CORPORATION, Shipper *J. J. Smith*

Agent, Per

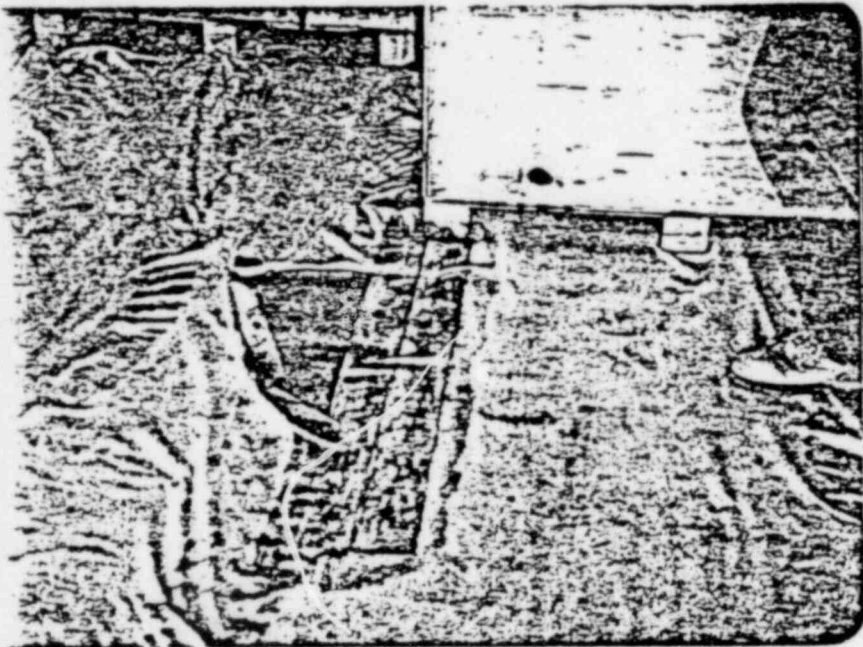
This is to certify that the above-named articles are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation."

ATTACHMENT C



TRAILER #1
TSMT # 440654
Box 54

Fluid found leaking
from seam marked
with arrow.



TRAILER #1
TSMT # 440654

Floor of trailer
where fluid had apparently
leaked from
Box 54



TRAILER #2
TSMT # 440132

Drum marked 575
indicating fluid
leaking from bung
hole onto trailer floor



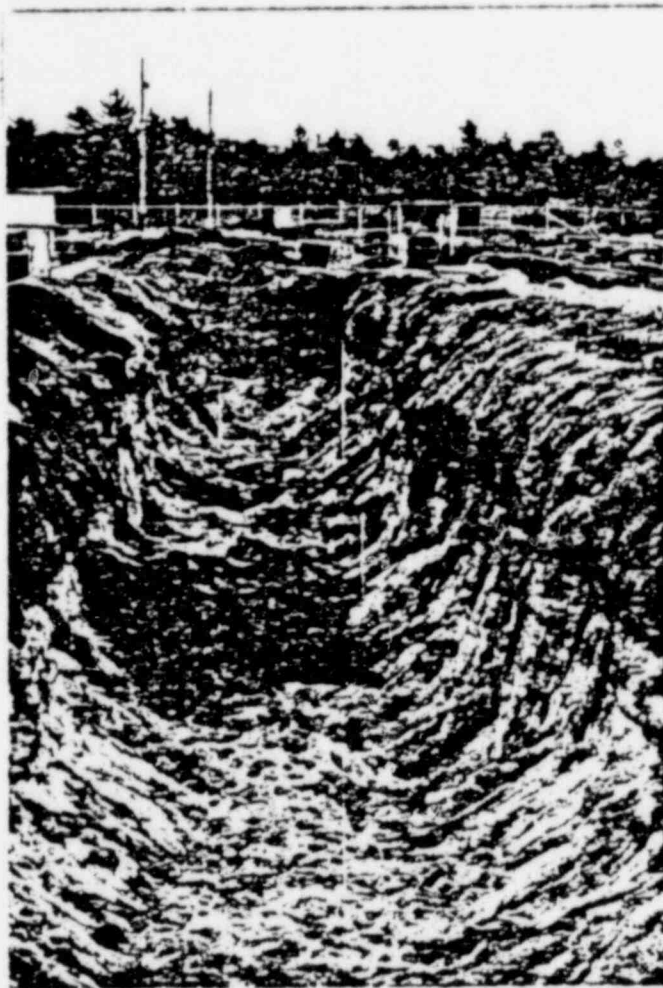
Photograph 1 - Lagoon A. Operators pumping sludge to filtration process



Photograph 2 - Lagoon G. Still in operation.



Photograph 3 - Hole left after removal of lagoons E & F



Photograph 4 - Hole left after removal of lagoon D



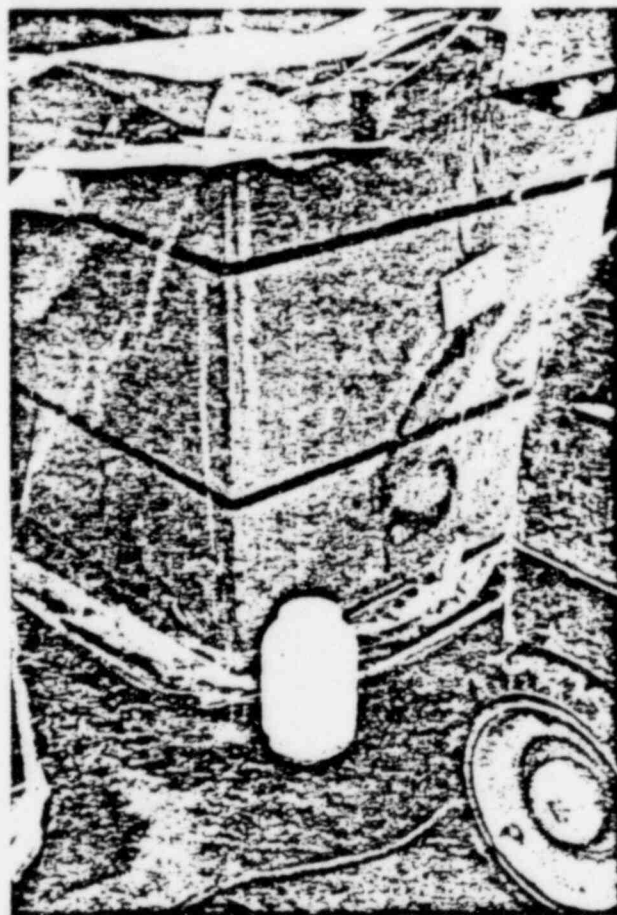
Photograph 5 - Hole left after removal of lagoon C



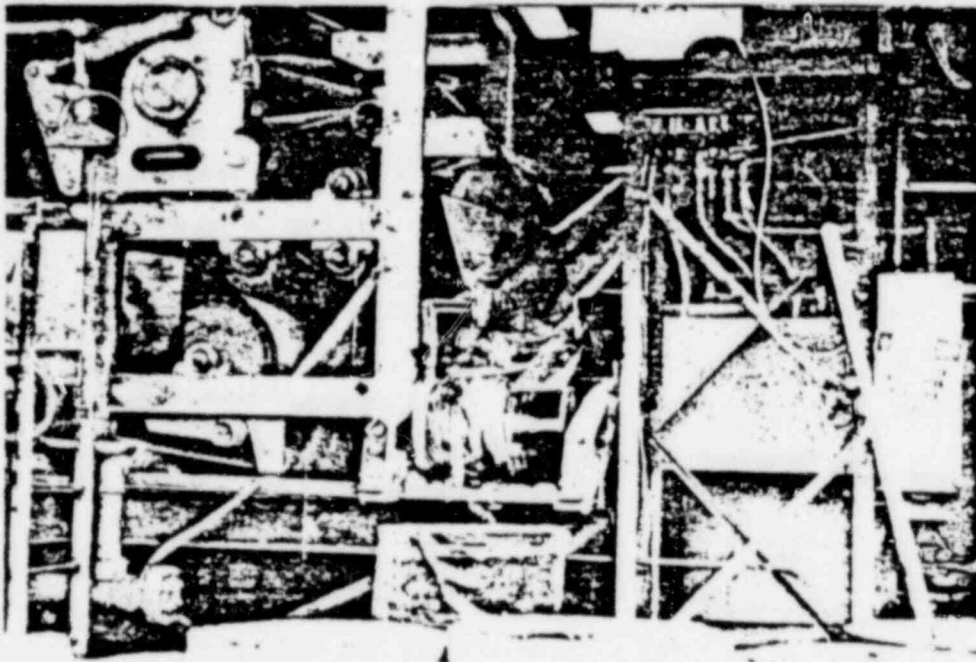
Photograph 6 - Inside of Box 79. Black material is lagoon liner.
White material is plastic bag.



Photograph 7 - Outside of Box 79 showing "liners" painted on side



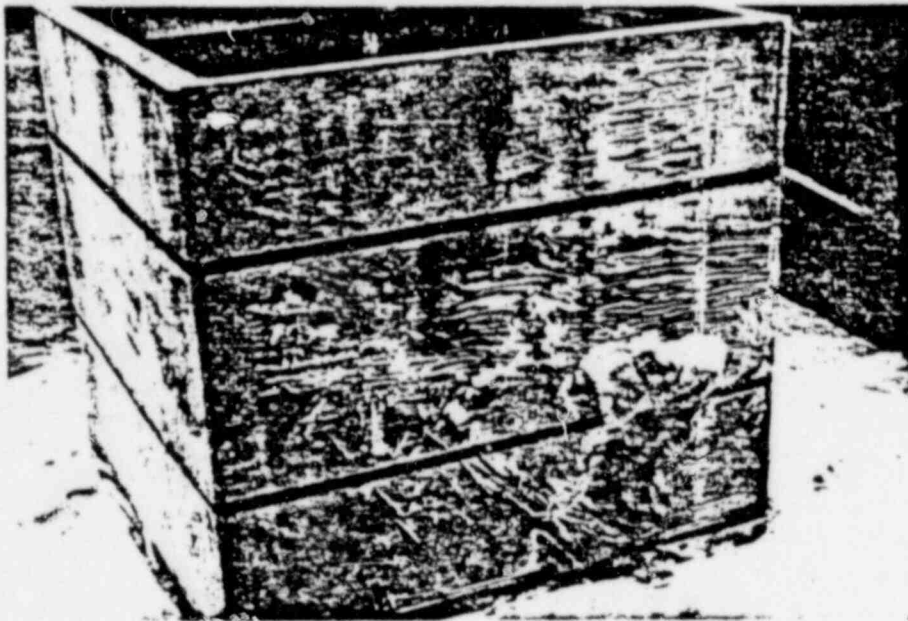
Photograph 8 - Collecting water from Box 79



Photograph 9 - Filter press in operation. Pressed sludge falling into plastic lined 55-gallon drum



Photograph 10 - Inside Box 54. Shows wet sludge on lagoon liner



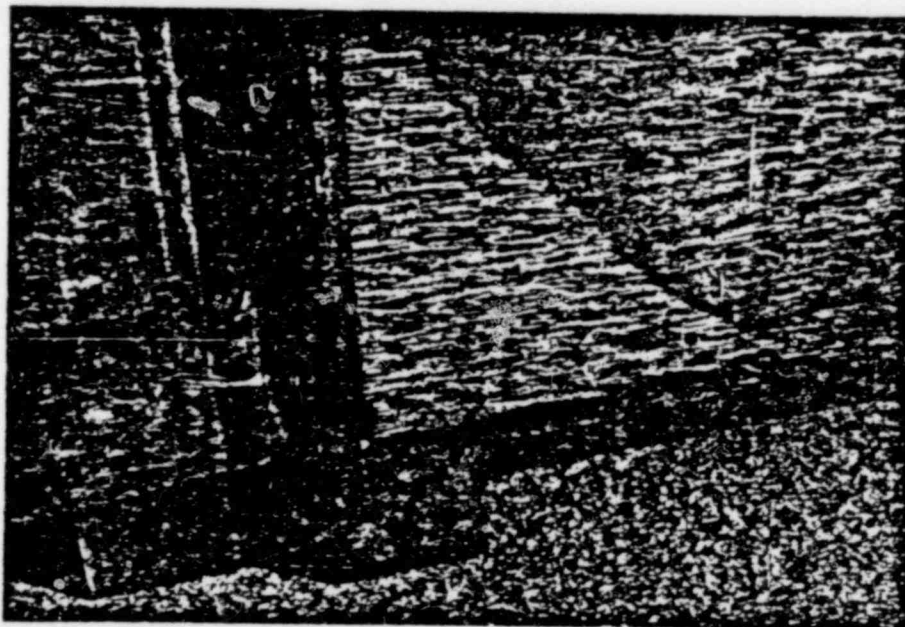
Paragraph 11 - Outside of Box 54. Note wet absorbent media on lower right corner



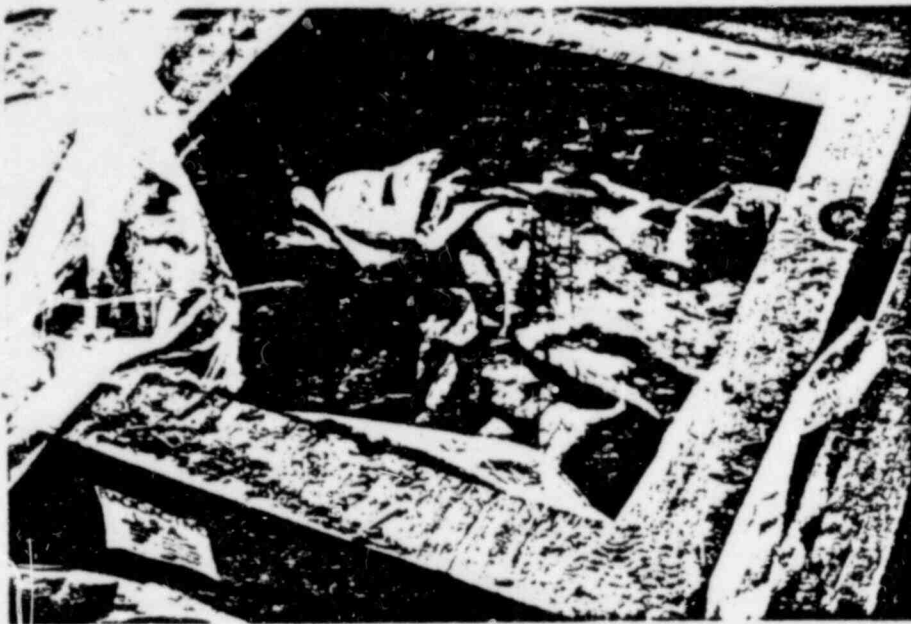
Photograph 12 - Wet stain on floor of overpack box for Box 54



Photograph 13 - Collecting water from hole
drilled in Box 54



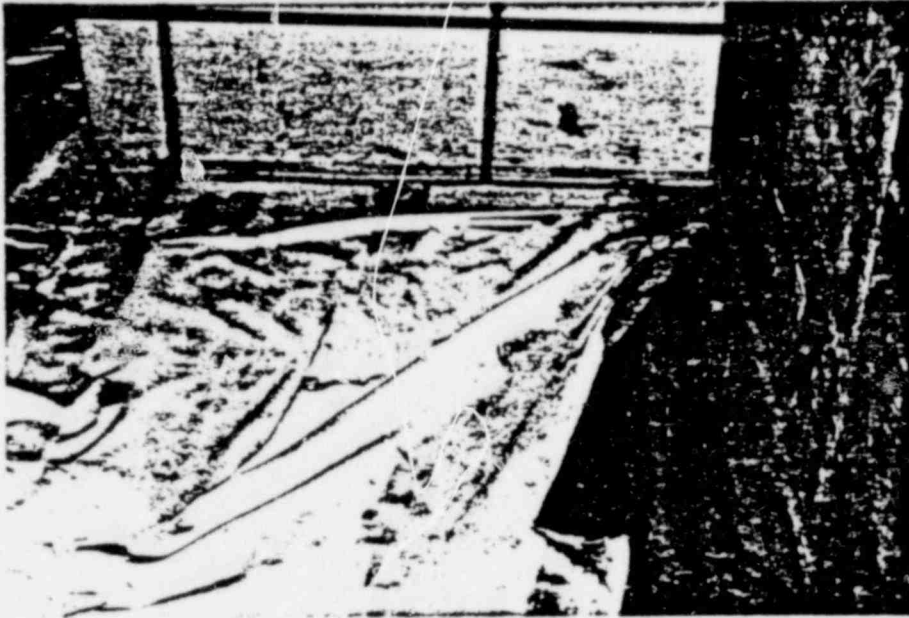
Photograph 14 - Wet corner on Box 52



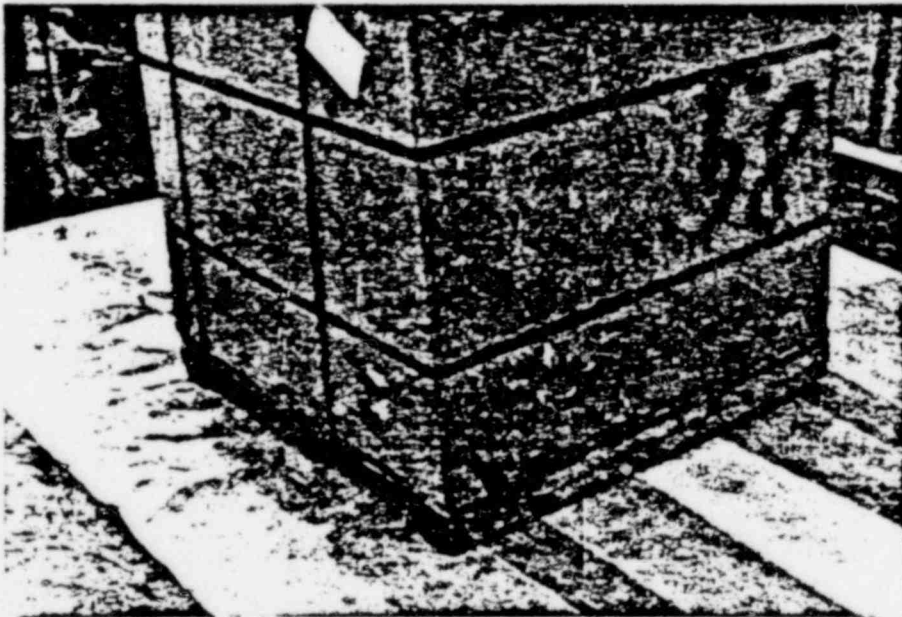
Photograph 15 - Inside of Box 52. Box contained lagoon liner material



Photograph 16 - Collecting water from hole drilled in Box 52
Exhibit 2. Continued (page 8 of 19)



Photograph 17 - Wet floor of trailer holding
Box 58 - Shipment 107



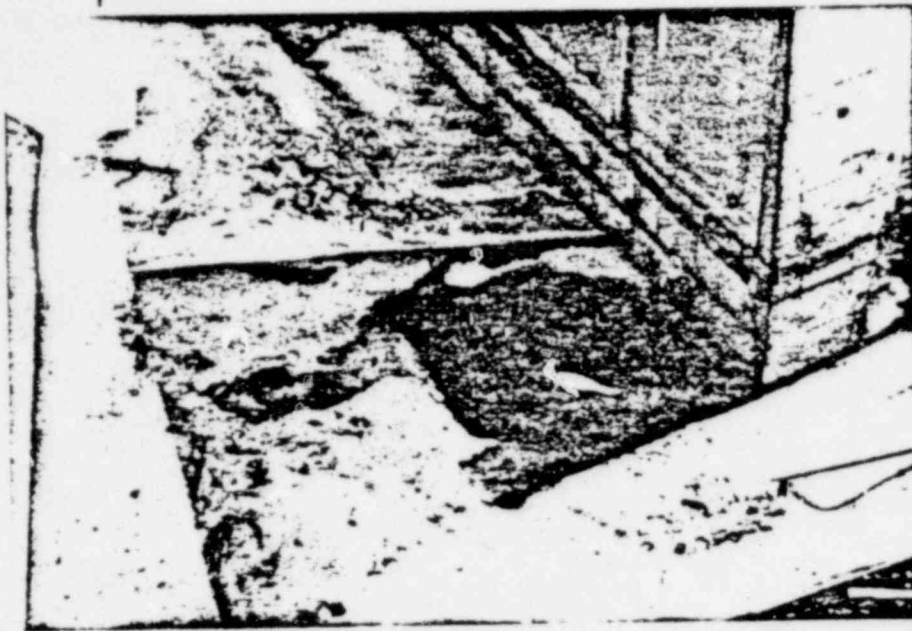
Photograph 18 - Wet corner of Box 58



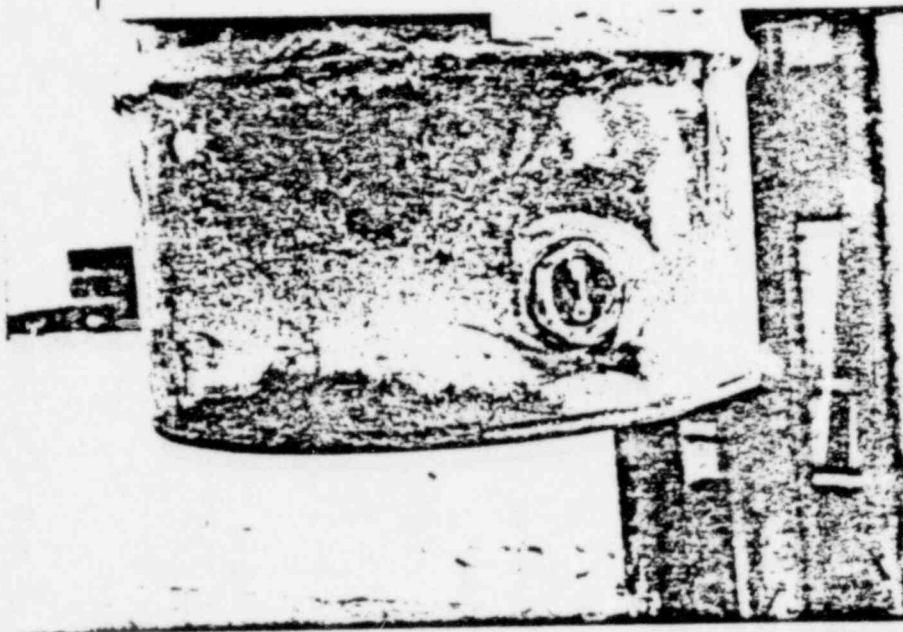
Photograph 19 - Label on Box 58 with "L-Liner"
written on it



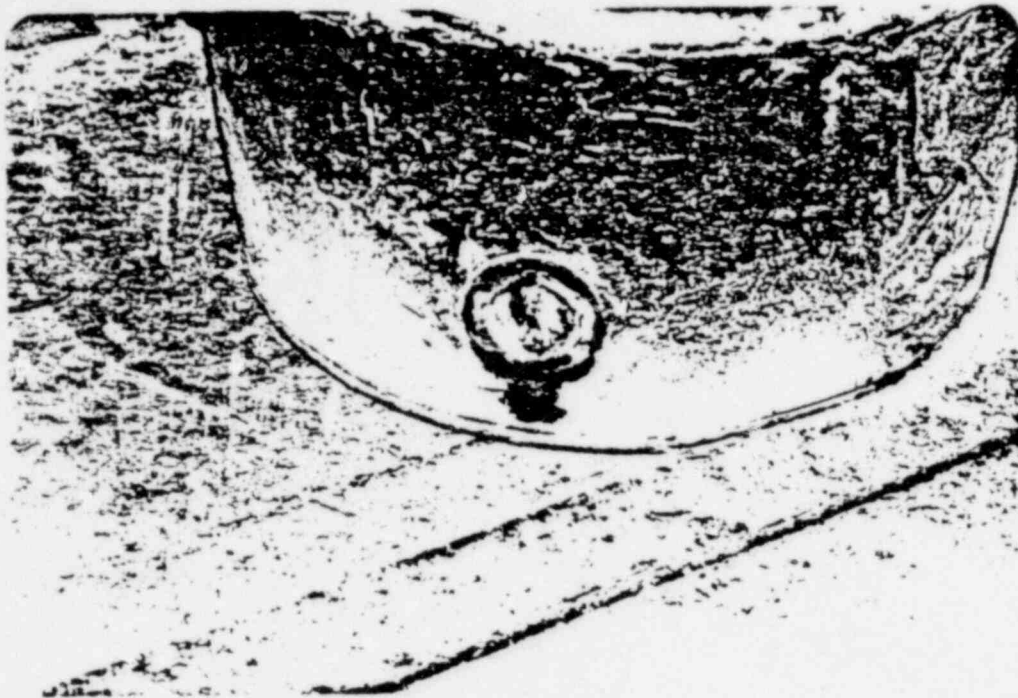
Photograph 20 - Inside Box 58 - Cement covered lagoon liner
material. White materia' is piece of cloth



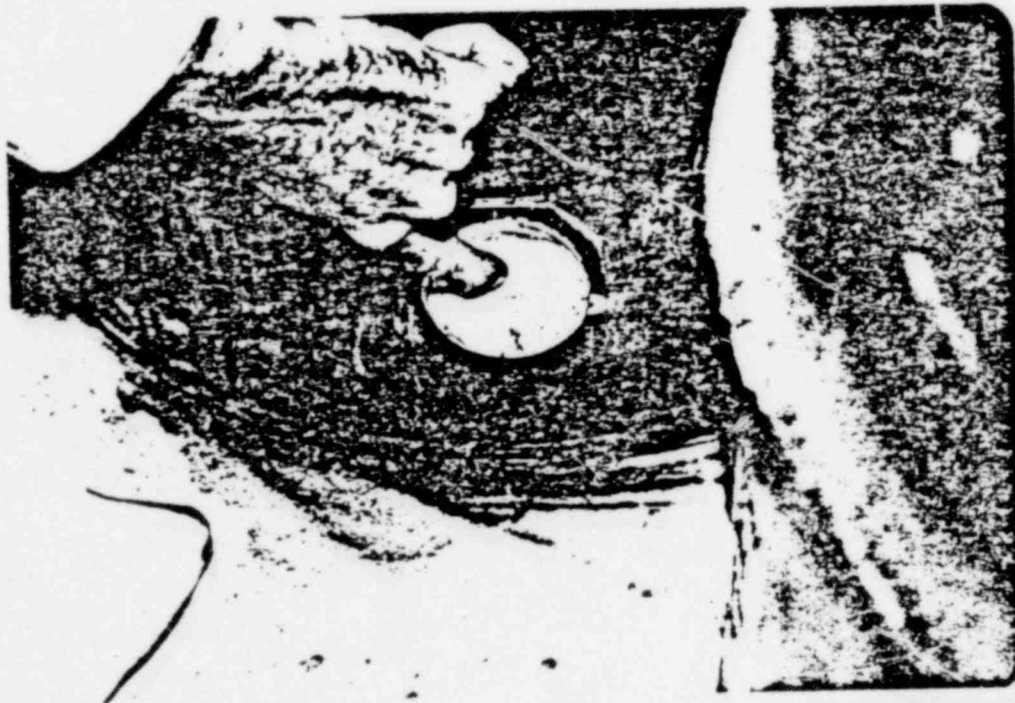
Photograph 21 - Water which leaked from Box 58 while standing on plastic



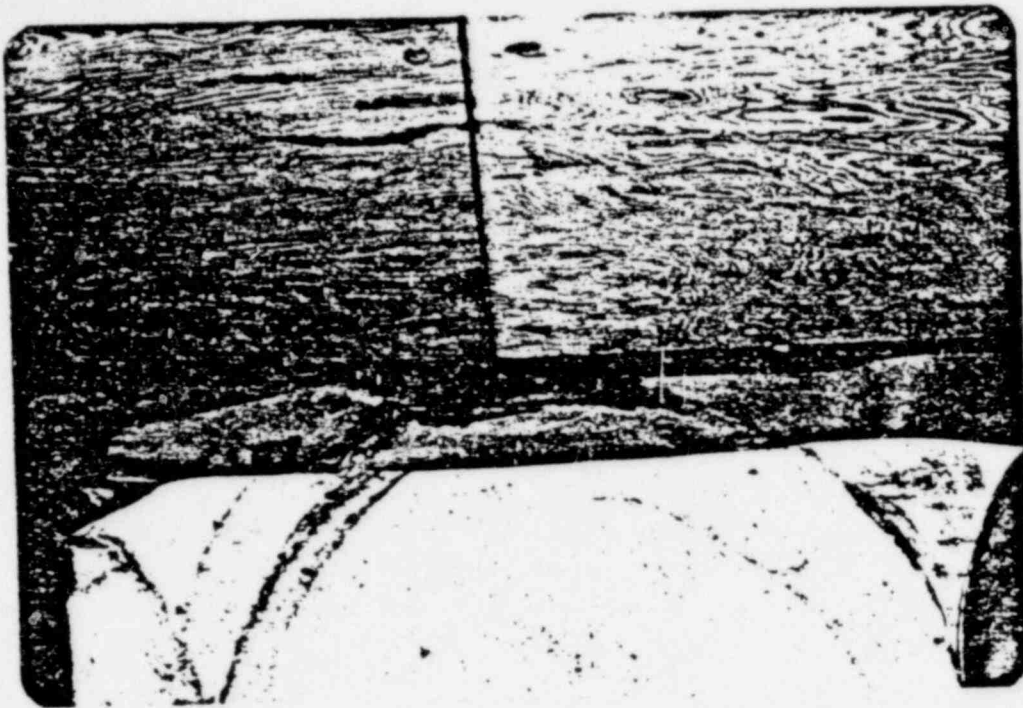
Photograph 22 - Leaking Drum A-1 from shipment no. 103. Note wet stain on bottom and under bung



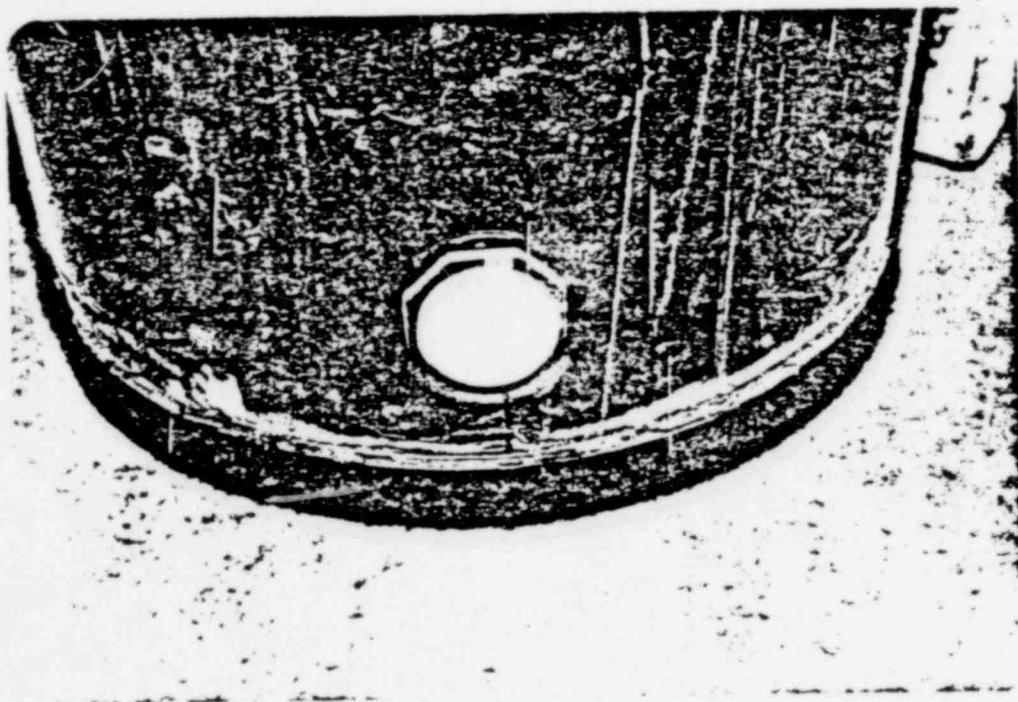
Photograph 23 - Wetness under bung of A-1
after other liquid dried



Photograph 24 - Liquid leaking from drum A-4. Note
stain on trailer floor covering



Photograph 25 - Stain on trailer floor under drum A-12



Photograph 26 - Wet streak under bung of drum A-12



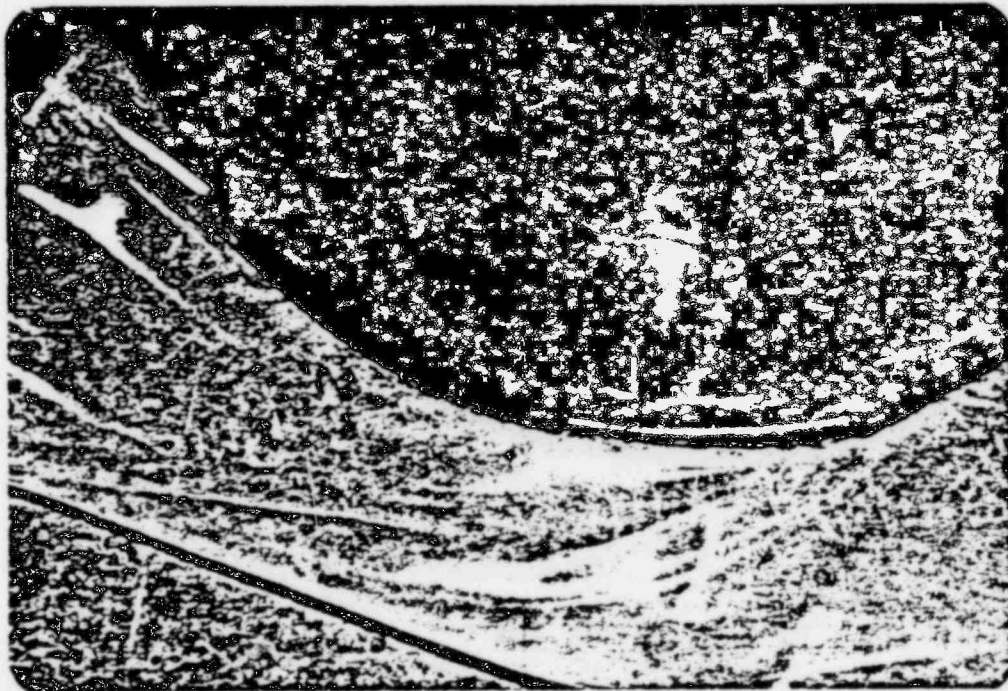
Photograph 27 - Wetness under bung of drum A-14



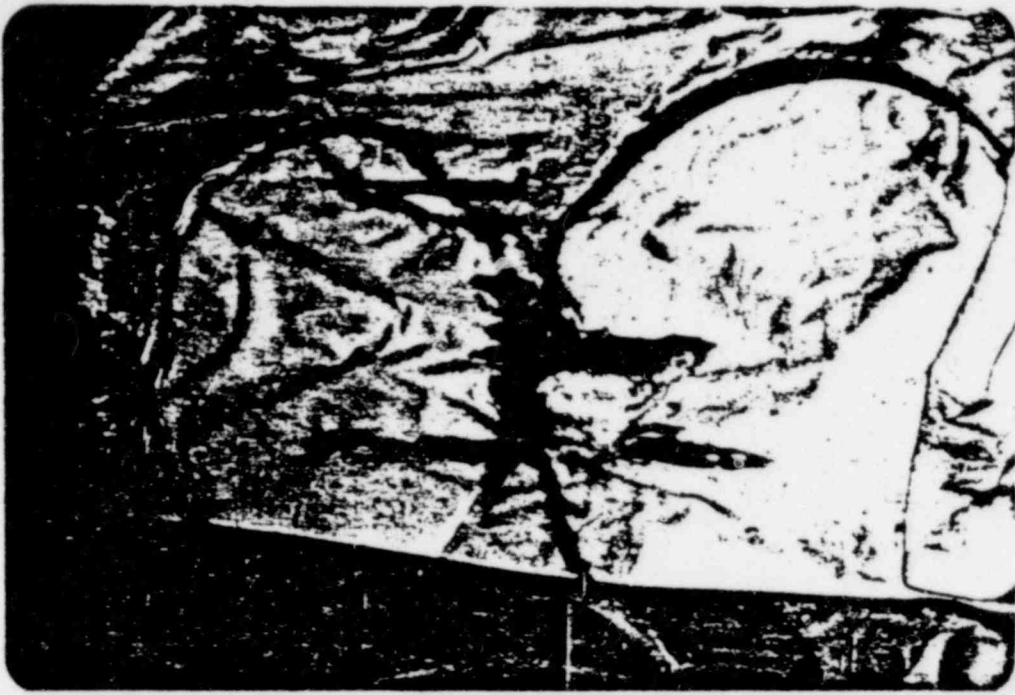
Photograph 28 - Stain on floor under drum A-14



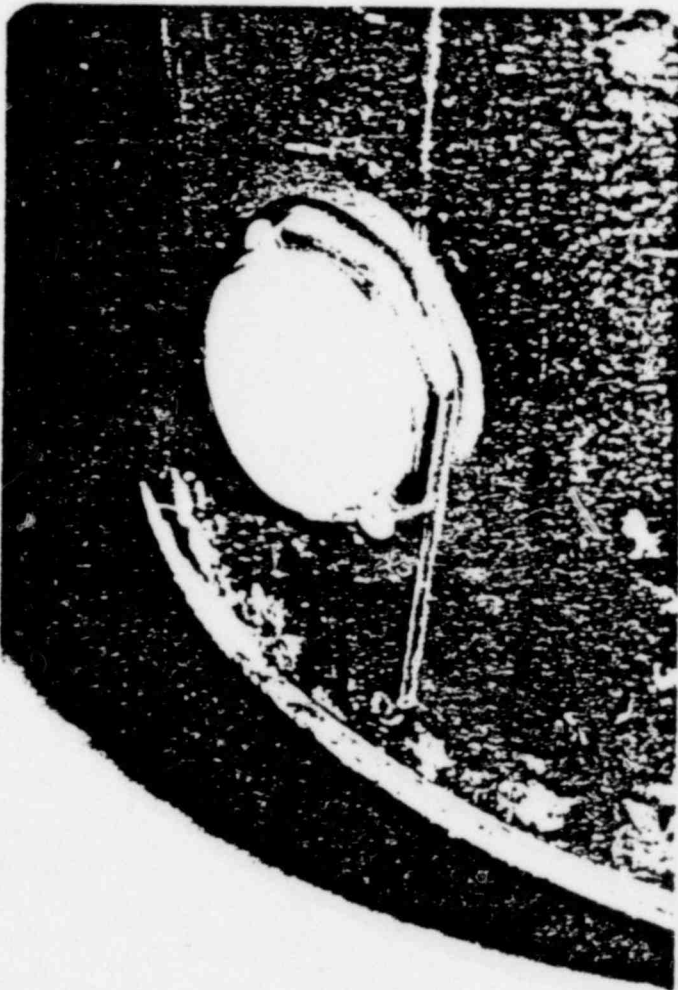
Photograph 29 - Wetness under bung of drum A-40 and stain on trailer floor



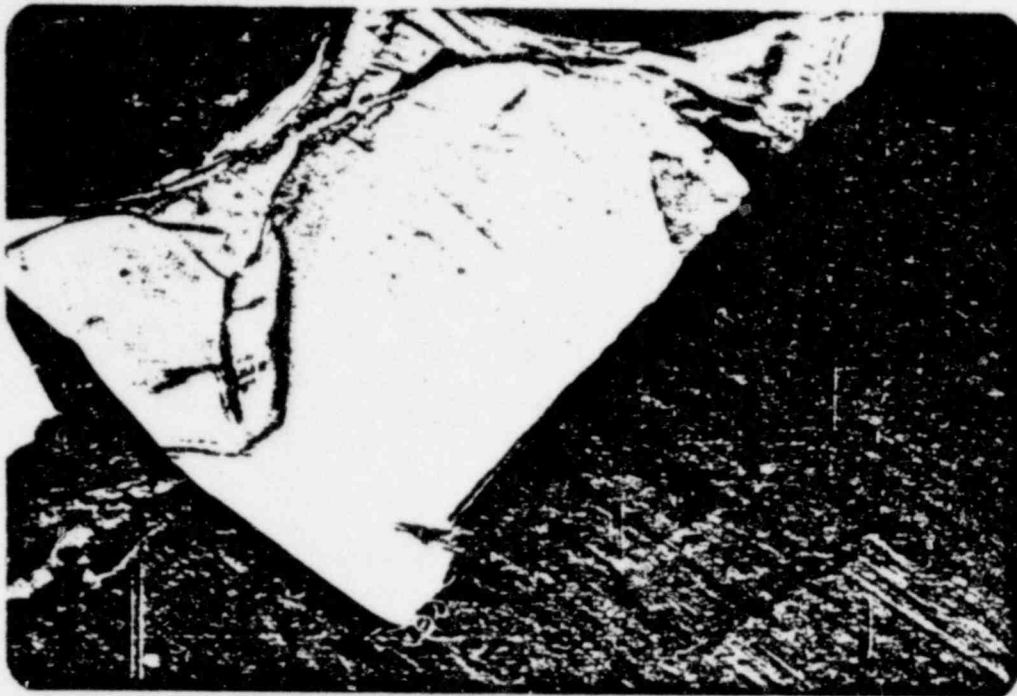
Photograph 30 - Wet seam of drum A-42 and water collected on plastic under the drum



Photograph 31 - Stain on floor under drum A-42



Photograph 32 - Wetness under bung of drum A-45



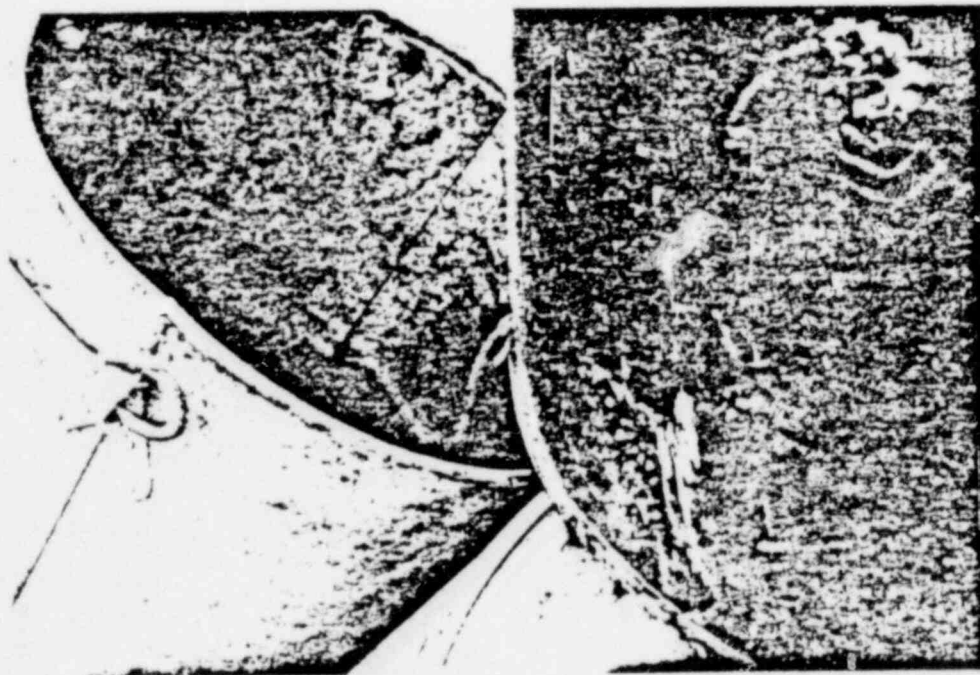
Photograph 33 - Stain on floor under drum A-45



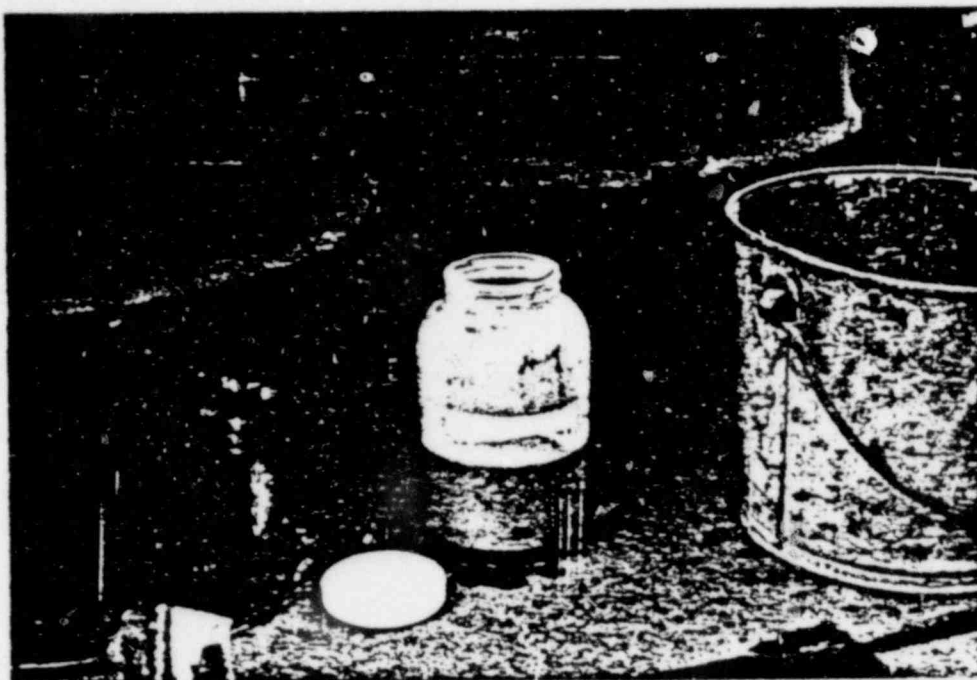
Photograph 34 - Standing liquid in drums A-54
- and A-58 - Typical



Photograph 35 - Liquid between plastic bag and wall of drum A-56



Photograph 36 - Collecting liquid from hole drilled in bottom of drum A-56



Photograph 37 - Water collected from drum A-56

	Box 52		Box 54		Box 79		Drum A-56	
	Liquid	Solids	Liquid	Solids	Liquid	Solids	Liquid	Solids
	conc. - $\mu\text{Ci}/\text{ml}$	conc. - $\mu\text{Ci}/\text{g}$	conc. - $\mu\text{Ci}/\text{ml}$	conc. - $\mu\text{Ci}/\text{g}$	conc. - $\mu\text{Ci}/\text{ml}$	conc. - $\mu\text{Ci}/\text{g}$	conc. - $\mu\text{Ci}/\text{ml}$	conc. - $\mu\text{Ci}/\text{g}$
Gross α	$2.6 \pm 0.1 E-6$	$2.7 \pm 0.1 E-3$	$3.8 \pm 0.2 E-6$	$1.71 \pm 0.07 E-3$	$4.7 \pm 0.5 E-7$	$1.81 \pm 0.07 E-3$	$5.9 \pm 0.5 E-7$	$1.14 \pm 0.05 E-3$
Gross β	$3.0 \pm 0.2 E-5$	$3.1 \pm 0.1 E-4$	$4.1 \pm 0.2 E-5$	$2.2 \pm 0.1 E-4$	$2.8 \pm 0.2 E-5$	$3.1 \pm 0.2 E-4$	$8.6 \pm 0.5 E-6$	$3.0 \pm 0.2 E-4$
U 234		$3.57 \pm 0.21 E-3$		$2.59 \pm 0.11 E-3$		$3.51 \pm 0.33 E-3$		$1.78 \pm 0.13 E-3$
U 235		$1.65 \pm 0.03 E-4$		$8.29 \pm 0.21 E-5$		$1.48 \pm 0.03 E-4$		$1.09 \pm 0.02 E-4$
Se 90	$8.8 \pm 0.6 E-7$	$3.3 \pm 0.2 E-6$	$3.4 \pm 0.2 E-6$	$5.3 \pm 0.3 E-6$	$1.0 \pm 0.1 E-6$	$2.3 \pm 0.4 E-6$	$6.6 \pm 0.5 E-7$	$1.38 \pm 0.06 E-5$
Co 137	$1.01 \pm 0.04 E-6$	$8.44 \pm 0.22 E-6$	$3.57 \pm 0.11 E-6$	$9.73 \pm 0.23 E-6$	$1.05 \pm 0.04 E-6$	$7.69 \pm 0.34 E-6$	$2.63 \pm 0.08 E-6$	$1.64 \pm 0.04 E-5$
Po 228	$1.21 \pm 0.05 E-6$	$3.53 \pm 0.09 E-5$	$2.31 \pm 0.08 E-6$	$1.64 \pm 0.04 E-5$	$9.24 \pm 0.44 E-7$	$3.91 \pm 0.16 E-5$	$1.54 \pm 0.31 E-7$	$1.84 \pm 0.06 E-5$
Pb 212	$7.80 \pm 0.29 E-7$	$3.37 \pm 0.07 E-5$	$1.06 \pm 0.04 E-6$	$1.54 \pm 0.04 E-5$	$1.15 \pm 0.18 E-7$	$2.13 \pm 0.07 E-5$	$1.35 \pm 0.24 E-7$	$1.70 \pm 0.04 E-5$
Po 214		$1.04 \pm 1.4 E-7$		$2.23 \pm 0.88 E-7$				
Pa 233		$3.42 \pm 0.17 E-6$		$1.70 \pm 0.10 E-6$		$2.90 \pm 0.48 E-6$		$2.65 \pm 0.19 E-6$
Tl 208	$5.28 \pm 0.35 E-7$	$2.58 \pm 0.06 E-5$	$1.54 \pm 0.15 E-7$	$1.24 \pm 0.03 E-5$	$1.25 \pm 0.24 E-7$	$1.91 \pm 0.09 E-5$	$2.04 \pm 0.33 E-7$	$1.33 \pm 0.04 E-5$
Bi 212	$1.02 \pm 0.11 E-6$	$3.39 \pm 0.15 E-5$	$1.33 \pm 0.11 E-6$	$1.74 \pm 0.08 E-5$		$2.09 \pm 0.37 E-5$		$1.68 \pm 0.13 E-5$
K 40	$1.56 \pm 0.10 E-6$	$1.98 \pm 0.67 E-7$	$2.42 \pm 0.44 E-6$	$1.16 \pm 0.05 E-5$	$1.26 \pm 0.12 E-6$		$4.26 \pm 1.4 E-7$	$4.18 \pm 0.81 E-6$
Volume	857 ml		780 ml		900 ml		860 ml	
Wet wt		99 grams		160 grams		24 grams		65 grams
Dry wt		28 grams		67 grams		42 grams		17 grams

* gram of dried solids.

Exhibit 3. Concentration of Radionuclides in Liquids Drained from Containers (Page 1 of 1)

	Lagoon A/B (Drum/Pack Dust) S.N. 12101	Lagoon A/B (Solids Only) S.N. 12102	Lagoon C S.N. 12103	Lagoon D S.N. 12104	Lagoon F S.N. 12105
Wet weight	515g	588.5g	504g	232g	589g
Dry weight	210g	269.7g	181g	79g	299g
ANALYSIS	(µCi/gm.)*				
Ra-226	4.6±0.9E-7	8.6±1.1E-7	7.2±1.0E-7	3.7±1.0E-7	2.3±0.8E-7
Th-232	5.4±0.3E-5	2.3±0.2E-5	4.1±0.2E-5	1.69±0.15E-5	1.9±0.2E-5
Th-230	4.0±0.2E-5	4.1±0.2E-5	3.6±0.2E-5	6.9±0.3E-5	2.4±0.2E-5
Th-228	8.8±0.3E-5	5.8±0.3E-5	8.1±0.3E-5	5.1±0.3E-5	2.5±0.2E-5
U-238	-1.1±0.5E-5	-5±5E-6	-1.0±0.5E-6	8±6E-6	-5±5E-6
U-235	1.05±0.06E-4	7.8±0.6E-5	1.68±0.08E-4	1.51±0.08E-4	1.07±0.06E-4
U-234	2.96±0.04E-3	2.02±0.03E-3	3.38±0.04E-3	2.84±0.04E-4	3.0±0.04E-3
Pu-239	4.2±0.2E-5	6.8±0.4E-7	4.6±0.3E-6	1.10±0.02E-5	2.09±0.07E-6
Pu-238	1.77±0.12E-5	1.39±0.06E-6	3.45±0.3E-6	1.37±0.02E-5	4.88±0.11E-6
Sr-90	±1.5±0.7E-6	±1.02±0.06E-5	±1.66±0.09E-5	±8.5±0.6E-6	±4.2±0.3E-6
Pb-212	2.25±0.01E-5	2.46±0.10E-5	3.29±0.12E-5	1.45±0.04E-5	1.68±0.07E-5
Tl-208	2.57±0.09E-5	1.95±0.08E-5	2.97±0.11E-5	1.22±0.05E-5	1.41±0.06E-5
Cs-137	1.29±0.04E-5	7.24±0.29E-6	9.55±0.36E-6	2.61±0.05E-6	3.92±0.09E-6
Bi-212	2.96±0.22E-6	2.32±0.8E-5	3.32±0.23E-5	1.5±0.14E-5	1.48±0.14E-5
Ac-228	2.42±0.09E-5	1.82±0.07E-5	2.45±0.09E-5	8.35±0.62E-6	1.03±0.05E-5
Pa-234	1.99±5.3E-6	3.01±6.6E-6	6.93±1.65E-6	1.95±0.61E-5	9.47±4.5E-6
K 40		2.67±0.88E-6		2.99±0.62E-6	4.53±.61E-6

* gram of wet sludge.

EXHIBIT 4. Concentration of Radionuclides in Sludge (Page 1 of 1)