

## CERTIFICATE OF DISPOSITION OF MATERIALS

(All items MUST be contained, please print)

EDLAW INTERNATIONAL COMPANY  
1015 R Street, N.W.  
Suite 910  
Washington, D.C. 20008

LICENSE NUMBER

SMC - 1377

LICENSE EXPIRATION DATE

September 30, 1985

I, the undersigned, who have signed this certificate on behalf of the licensee certify that I have and do complete the following information:

A. MATERIALS DATA (See NRC Form 101-2, if necessary)

1. The materials listed in this certificate were used in accordance with the license under this license.

2. All materials listed in this certificate were transferred under the license number cited above have been transferred on:

1. ☐ The materials listed in this certificate were transferred to the following:

2. ☐ The materials listed in this certificate were transferred to the following:

3. All materials listed in this certificate were transferred under the license number cited above have been transferred on:

4. ☐ The materials listed in this certificate were transferred to the following: **TRANSPORT AND STORAGE, INC., PADUCAH, KY**  
SMA 113-91 **KENTUCKY**

5. ☐ The materials listed in this certificate were transferred to the following: **THE NUCLEAR ENERGY ACT, THE REACTOR, AND THE ENERGY REORGANIZATION ACT OF 1974**

6. ☐ The materials listed in this certificate were transferred to the following: **THE NUCLEAR ENERGY ACT, THE REACTOR, AND THE ENERGY REORGANIZATION ACT OF 1974**

## B. OTHER DATA

1. The materials listed in this certificate were transferred to the following:

2. The materials listed in this certificate were transferred to the following: **THE NUCLEAR ENERGY ACT, THE REACTOR, AND THE ENERGY REORGANIZATION ACT OF 1974**

3. The materials listed in this certificate were transferred to the following: **THE NUCLEAR ENERGY ACT, THE REACTOR, AND THE ENERGY REORGANIZATION ACT OF 1974**

4. The materials listed in this certificate were transferred to the following:

5. The materials listed in this certificate were transferred to the following:

6. The materials listed in this certificate were transferred to the following:

7. The materials listed in this certificate were transferred to the following:

8. The materials listed in this certificate were transferred to the following: **EDLAW INTERNATIONAL CO.**

9. The materials listed in this certificate were transferred to the following:

10. The materials listed in this certificate were transferred to the following: **EDLAW INTERNATIONAL CO.**

11. The materials listed in this certificate were transferred to the following: **1015 R Street, N.W., Suite 910, Washington, D.C. 20008**

CERTIFYING OFFICER

*Robert A. Rich (go)*  
Robert A. Rich  
Executive Vice President

8/23/85

8510310383 851029  
RE93 LIC40

PDR

# ATTACHMENT B

Swipes and Soil Sampling  
Soil Samples indicated with Roman Numerals

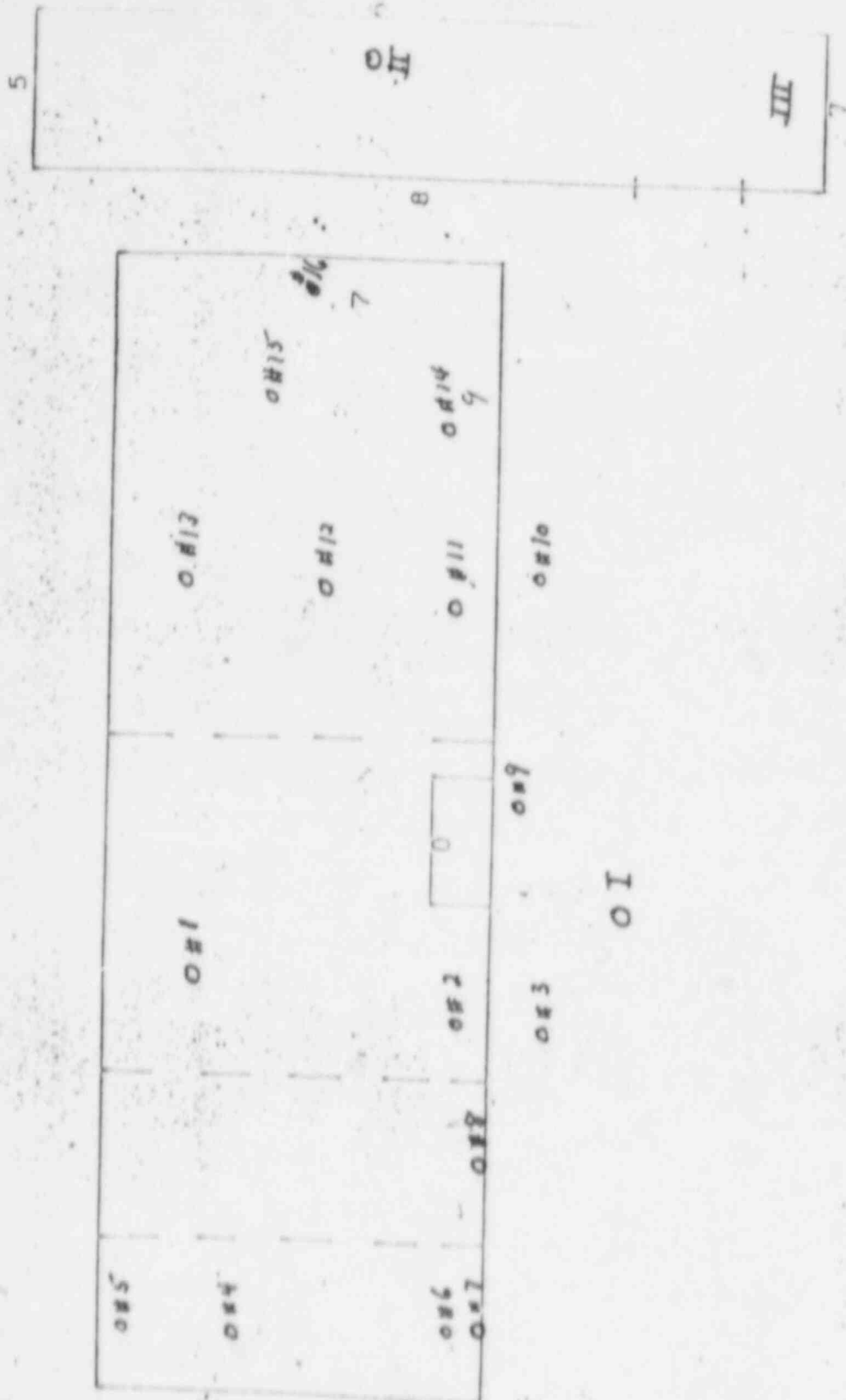
WELL SITE

2

I

IV

1

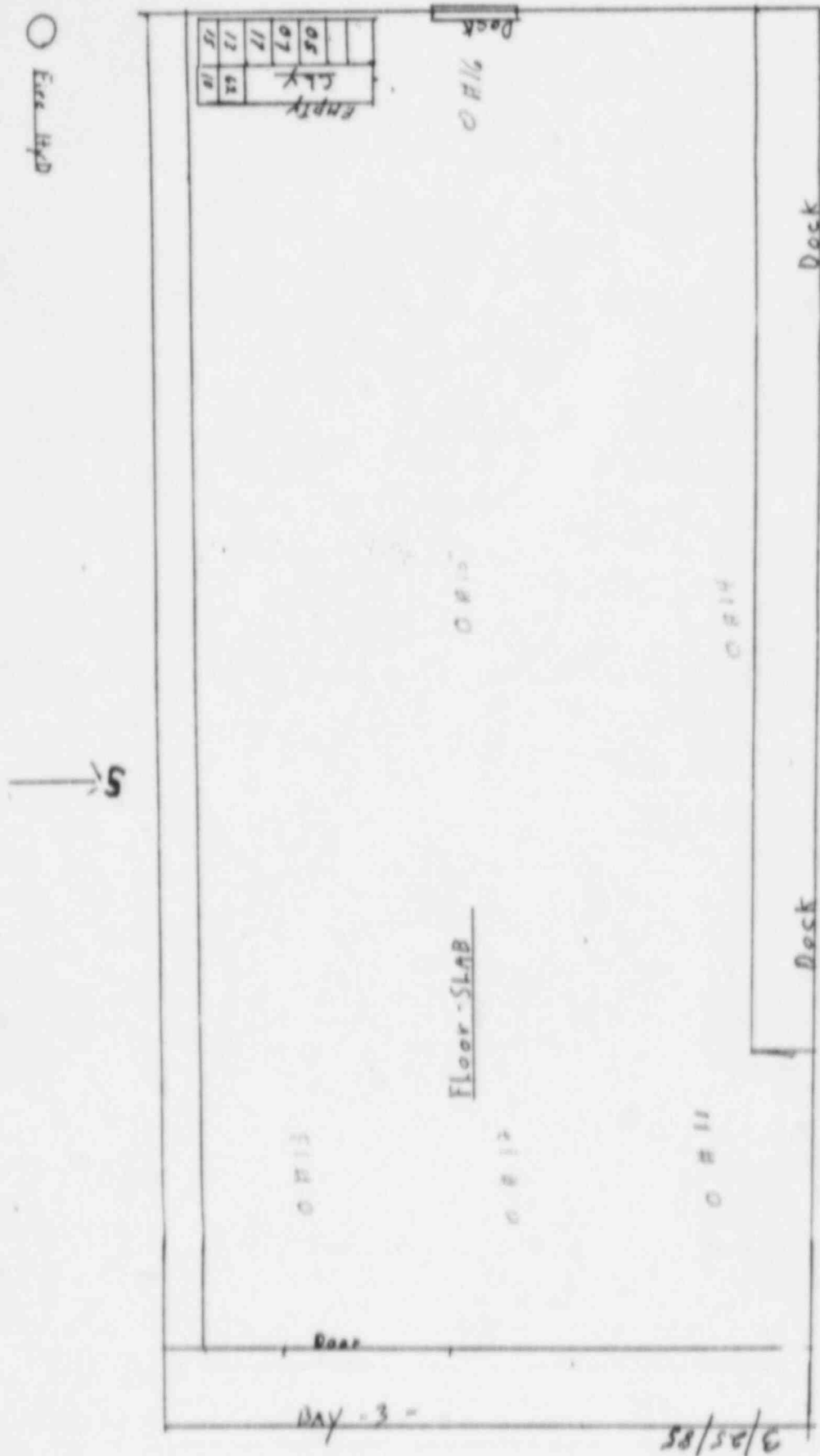


REV. 6/84

St. Clair Avenue

# ATTACHMENT C

## Swipe Sample Locations of Fire Damaged Area



Northeast Storage Area- Locations of Material Before Removal and Soil Samples

SCALE: 1 in. = 30 ft.

~~2~~

260475	260424	272556	260409	261787	260539	261684	A0396
260481	260434	2619284	262891	260850	260904	261930	B216A
261429	261485	26285	26087	2629471	262833	262126	B2146
	A1083		1219	A0943	B0485	B0043	1233
			A1239	A1276	A2002	A1248	A0347

10A17	CP50	0684
	261059	

Southeast Storage Area with Location of Materials Before Removal and Soil Samples

Source: Author's calculations.

SOUTHWEST OUTLET  
STOWING AREA

*Z*

[illegible]

[50] Y.  
 [51] S.  
 [52] S.

217  
107  
97  
07  
807  
907  
07  
107  
07  
07  
07  
07

0 III

REGION III

ATTACHMENT F

## LABORATORY ANALYSIS REPORT

\*\*\*\*\*

DATE: 09/03/85 22:12:09  
 TITLE: EDLOW INTERNATIONAL, EAST ST. LOUIS FACILITY  
 INSTRUMENT: CANBERRA/TRS-80 ALPHA/BETA ANALYSIS SYSTEM  
 SAMPLES FROM: EDLOW INTL., EAST ST. LOUIS FACILITY  
 SAMPLE TYPE: SHEAR SAMPLES  
 COLLECTED BY: D. R. GIBBONS  
 COLLECTED ON: 8/29/85

ERRORS ARE AT THE 95% (2 SIGMA) CONFIDENCE LEVEL

\*\*\*\*\*

	LIVE TIME (MIN)	ACTIVITY (DPM)	COUNTS ALPHA	COUNTS BETA	EFFICIENCY	+/-ERROR	%ATTEN
BACKGROUND :	20		5	22			
ALPHA SOURCE:	19.6205	8740	45546	4938	.294243	.0092	0
BETA SOURCE:	19.9679	25787	3851	145945	.290863	.0088	0

	ALPHA	BETA
LC: CRITICAL LEVEL (DPM)	.086885	1.88196
LD: DETECTION LIMIT (DPM)	2.2369	4.23243
LOSS DUE TO CROSSTALK	.0977673	.0255663

## ALPHA

## BETA

COUNTS	DPM	ERROR	uCi/UNIT	ERROR	COUNTS	DPM	ERROR	uCi/UNIT	ERROR
--------	-----	-------	----------	-------	--------	-----	-------	----------	-------

SAMPLE=85-370 DESCRIPTION: *Sample #1*

POS.	LIVE TIME (MIN)	VOLUME	CM
4	20	100	2
2.1<	1.0	1< 4.46E-09	* 17.1< 1.9 1< 8.74E-09

SAMPLE=85-371 DESCRIPTION: *Sample #2*

POS.	LIVE TIME (MIN)	VOLUME	CM
5	20	100	2
3.1<	1.0	1< 4.45E-09	* 18.1< 1.9 1< 1.74E-09

SAMPLE=85-372 DESCRIPTION: *Sample #3*

POS.	LIVE TIME (MIN)	VOLUME	CM
6	20	100	2
2.1<	1.0	1< 4.47E-09	* 13.1< 1.9 1< 8.74E-09

SAMPLE=85-373 DESCRIPTION: *Sample #4*

POS.	LIVE TIME (MIN)	VOLUME	CM
7	19.9999	100	2
9.1<	1.8	1< 8.32E-09	* 17.1< 1.9 1< 8.75E-09

SAMPLE=85-374 DESCRIPTION: *Sample #5*

POS.	LIVE TIME (MIN)	VOLUME	CM
8	20	100	2

6.1<	1.2	1< 5.43E-09	*	18.1<	1.9	1< 8.75E-09
-----						
SAMPLE=85-375	DESCRIPTION: <i>SAMPLE #6</i>					
POS. = 9	LIVE TIME (MIN) = 20		VOLUME = 100 - CM 2			
4.1<	1.0	1< 4.45E-09	*	18.1<	1.9	1< 8.74E-09
-----						
SAMPLE=85-376	DESCRIPTION: <i>SAMPLE #7</i>					
POS. = 10	LIVE TIME (MIN) = 20		VOLUME = 100 - CM 2			
0.1<	1.0	1< 4.45E-09	*	18.1<	1.9	1< 8.73E-09
-----						
SAMPLE=85-377	DESCRIPTION: <i>SAMPLE #8</i>					
POS. = 11	LIVE TIME (MIN) = 20		VOLUME = 100 - CM 2			
3.1<	1.0	1< 4.47E-09	*	13.1<	1.9	1< 8.74E-09
-----						
SAMPLE=85-378	DESCRIPTION: <i>SAMPLE #9</i>					
POS. = 12	LIVE TIME (MIN) = 20		VOLUME = 100 - CM 2			
0.1<	1.0	1< 4.45E-09	*	19.1<	1.9	1< 8.73E-09
-----						
SAMPLE=85-379	DESCRIPTION: <i>SAMPLE #10</i>					
POS. = 13	LIVE TIME (MIN) = 20		VOLUME = 100 - CM 2			
0.1<	1.0	1< 4.47E-09	*	12.1<	1.9	1< 8.73E-09
-----						
SAMPLE=85-380	DESCRIPTION: <i>SAMPLE #11</i>					
POS. = 14	LIVE TIME (MIN) = 20		VOLUME = 100 - CM 2			
3.1<	1.0	1< 4.47E-09	*	13.1<	1.9	1< 8.74E-09
-----						
SAMPLE=85-381	DESCRIPTION: <i>SAMPLE #12</i>					
POS. = 15	LIVE TIME (MIN) = 20		VOLUME = 100 - CM 2			
2.1<	1.0	1< 4.45E-09	*	22.1<	1.9	1< 8.74E-09
-----						
SAMPLE=85-382	DESCRIPTION: <i>SAMPLE #13</i>					
POS. = 16	LIVE TIME (MIN) = 20		VOLUME = 100 - CM 2			
3.1<	1.0	1< 4.47E-09	*	13.1<	1.9	1< 8.74E-09
-----						
SAMPLE=85-383	DESCRIPTION: <i>SAMPLE #14</i>					
POS. = 17	LIVE TIME (MIN) = 20		VOLUME = 100 - CM 2			
3.1<	1.0	1< 4.45E-09	*	18.1<	1.9	1< 8.74E-09
-----						
SAMPLE=85-384	DESCRIPTION: <i>SAMPLE #15</i>					
POS. = 18	LIVE TIME (MIN) = 20		VOLUME = 100 - CM 2			
4.1<	1.0	1< 4.46E-09	*	16.1<	1.9	1< 8.74E-09
-----						
SAMPLE=85-385	DESCRIPTION: <i>SAMPLE #16</i>					
POS. = 19	LIVE TIME (MIN) = 20		VOLUME = 100 - CM 2			
3.1<	1.0	1< 4.48E-09	*	10.1<	1.9	1< 8.74E-09
-----						

\*\*\*\*\*

START TIME: 09/03/85 15:23:55  
 TITLE: EDLOW INTERNATIONAL, EAST ST. LOUIS FACILITY

SAMPLE POSITION	SAMPLE ID.	LIVE TIME (MIN)	ALPHA	BETA	DATE	TIME	CYCLE	AC
1	FU-239	19.6205	45546	4938	09/03/85	15:48:06	1	YN
2	BKND	20	5	22	09/03/85	16:09:27	1	YN
3	CS-137	19.9679	3851	145945	09/03/85	16:30:48	1	YN
4	85-370	20	2	17	09/03/85	16:52:08	1	YN
5	85-371	20	3	18	09/03/85	17:13:31	1	YN
6	85-372	20	2	13	09/03/85	17:34:46	1	YN
7	85-373	19.9999	9	17	09/03/85	17:56:05	1	YN
8	85-374	20	6	18	09/03/85	18:17:24	1	YN
9	85-375	20	4	18	09/03/85	18:38:43	1	YN
10	85-376	20	0	18	09/03/85	19:00:02	1	YN
11	85-377	20	3	13	09/03/85	19:21:21	1	YN
12	85-378	20	0	19	09/03/85	19:42:40	1	YN
13	85-379	20	0	12	09/03/85	20:03:59	1	YN
14	85-380	20	3	13	09/03/85	20:25:18	1	YN
15	85-381	20	2	22	09/03/85	20:46:36	1	YN
16	85-382	20	3	13	09/03/85	21:07:55	1	YN
17	85-383	20	3	18	09/03/85	21:29:13	1	YN
18	85-384	20	4	16	09/03/85	21:50:31	1	YN
19	85-385	20	3	10	09/03/85	22:11:50	1	YN

END TIME: 09/03/85 22:11:53



# USNRC REGION III LABORATORY ANALYSIS REQUEST FORM

SAMPLES FROM: FDLOW INTERNATIONAL EAST ST. LOUIS FACILITY  
 COLLECTED BY: D.R. GIBBONS CATEGORY CODE: F-3  
 DOCKET NO.: 01008760 REPORT NO.: 85081  
 DATE SUBMITTED: SEPT 3, 1985 RESULTS REQUIRED BY: ASAP  
 ANALYZED BY: \_\_\_\_\_ ANALYSIS COMPLETED: \_\_\_\_\_  
 MINIMUM LEVELS OF INTEREST: \_\_\_\_\_

1 x 10<sup>-7</sup> MICROCURLING / 100 CM<sup>2</sup>  
 COMMENTS: INTERESTED IN U-238 AND U-235

SAMPLE	DATE	TIME	SAMPLE DESCRIPTION	LAB ID.	ANALYZE FOR
1	8-29-85	2:30 PM	FLOOR IN MIDDLE WAREHOUSE NORTH AREA	85-370	
2			FLOOR MIDDLE WAREHOUSE SOUTH AREA	85-371	
3			OUTSIDE OF MIDDLE WAREHOUSE	85-372	
4			NORTH END OF WEST WAREHOUSE	85-373	
5			SOUTH END OF WEST WAREHOUSE	85-374	
6			WALL AT SOUTH END OF WEST WAREHOUSE	85-375	
7			WALL AT SOUTH EAST AREA OF WEST WAREHOUSE	85-376	
8			NORTHWEST CORNER OF FLOOR OF WEST WAREHOUSE	85-377	
9			LOADING DOCK OUTSIDE OF MIDDLE WAREHOUSE	85-378	
10			WALL OUTSIDE OF OFFICE	85-379	
11			SOUTHWEST AREA FLOOR OF BURNED WAREHOUSE	85-380	
12			SOUTH WEST CENTER FLOOR OF BURNED WAREHOUSE	85-381	
13			NORTH WEST FLOOR OF BURNED WAREHOUSE	85-382	
14			FLOOR SOUTH EAST AREA OF BURNED WAREHOUSE	85-383	



## ATTACHMENT G.

RFSL No.	R-III No.	
13718A	85-386	2 ± 2; 2 E-10 Wei/ml
13718B	85-387	5.4 ± 0.6; 0.6 E-09 Wei/ml.

RESL NO.	R-III NO.	ATTACHMENT H
13718 C	85-388	U-235 $6 \pm 2; 2 \text{ E-08 ng/g}$ Pa-234m $3 \pm 2; 2 \text{ E-06}$
13718 D	85-389	U-235 $2.8 \pm 1.5; 1.5 \text{ E-06}$ Pa-234m $8 \pm 2; 2 \text{ E-08}$
13718 E	85-390	U-235 $1.3 \pm 0.2; 0.2 \text{ E-07}$ Pa-234m $5 \pm 2; 2 \text{ E-06}$
13718 F	85-391	U-235 $6 \pm 2; 2 \text{ E-08}$ $0 \pm 2; 2 \text{ E-06}$
13718 G	85-392	U-235 $2.1 \pm 0.3; 0.3 \text{ E-07}$ Pa-234m $8 \pm 3; 3 \text{ E-06}$