

SPENT FUEL ROUTE SURVEY

Syracuse, NY

By-pass

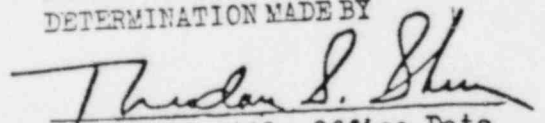
June 1982

SAFEGUARDS INFORMATION
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SAFEGUARDS INFORMATION
DETERMINATION MADE BY


Signature-Title-Office-Date
Theodore S. Sherr, Chief
Material Transfer Safeguards
Licensing Branch
Division of Safeguards, NMSS

8210050456 820817
PDR FOIA
RESNIK082-332 PDR

JUN 1982

Emergency Phone Numbers:
Area Code (315) (607)

NEW YORK - SYRACUSE
I-81 Construction Detour, By-pass Syracuse, NY

NORTH SYRACUSE
SP(315)457-2600

LAFAYETTE
SP(315)677-3122

CORTLAND
SP(607)756-5604

BINGHAMTON
SP(607)775-1242

	●North Syracuse (d)(E) Syracuse									●Lafayette(e)	●Cortland (off route) (f)		(E) ●Binghamton	NY (g)	PA
	1	*2	*3	*4	*5	*6	*7	*8	*9						
MILES IN JURISDICTION															
TOTAL MILES	0									42		738			110

KEY

- LEA Response Center
- HP/SP Highway Patrol/State Police
- S Sheriff
- CP City Police
- CB Radio Monitored (Base)
- CB Radio Monitored (Car)
- CH/No. Channel Monitored
- R React Group
- MT Mobile Telephone (Useable)
- E Escort Required

ROAD TRANSPORTATION ROUTE - By-pass Syracuse, NY

1. I-81 south to NY 31 (Exit 30);
- *2. NY 31 east to Thompson Road (1 mile);
- *3. Thompson Road south to Northern Blvd. (2 miles);
- *4. Northern Blvd. south to NY 298 (Collamer Rd.) (3.5 miles);
- *5. NY 298 east to Fly Road (1 mile);
- *6. Fly Road south to Kirkville Road (2 miles);
- *7. Kirkville Road east to I-481 (0.5 mile);
- *8. I-481 south/west to I-81 (6 miles);
- *9. I-81 south to Pennsylvania (86 miles);

RECEIVED
USNRC

Nuclear Assurance Corporation
24 Executive Park West
Atlanta, Georgia 30329
(404) 325-4200
Telex: 549567, 542703

'82 JUL 19 P3:36

OFFICE OF
INTERNATIONAL
PROGRAMS

715 Horizon Drive
Grand Junction, Colorado 81501
(303) 245-4320
TWX: 9109296334

Weinbergstrasse 9
8001 Zurich, Switzerland
(01) 470844
Telex: 57275

July 19, 1982

CRJ/82/155/ETS

*ISNM 81005
amend 2*

Director
Export/Import and International Safeguards
U.S. Nuclear Regulatory Commission
Washington, D.C. 20055

Subject: Request for Revision to Import License No. ISNM 81005 (Docket No. 11002405) To Increase the Quantity of Material

Gentlemen:

The subject Import License was issued to the Nuclear Assurance Corporation (NAC) on May 5, 1981, and by Amendment No. 1 dated December 29, 1981, the expiration date was extended to November 1, 1982.

Because of difficulties in obtaining state approvals, no shipments were made in calendar year 1981. This has resulted in an accumulation of spent fuel that is eligible to be shipped. The Atomic Energy of Canada Limited has therefore requested NAC to apply for an amendment to the present license to provide for an increase in the amount of material imported.

Specifically the increase would amount to 16 Kg of uranium that would include 8 Kg of U-235, or

Presently Authorized: 33 Kg of uranium; 18 Kg of U-235
Proposed Increase: 16 Kg of uranium; 8 Kg of U-235
New ISNM 81005 Quantity: 49 Kg of uranium; 26 Kg of U-235

In support of this request, Attachment A to this letter contains the necessary revisions to our application for this license. All parts of the original application not revised by Attachment A or by Amendment 1 remain unchanged and as originally submitted.

Sincerely,

NUCLEAR ASSURANCE CORPORATION

CR Johnson

C. R. Johnson
Group Vice President
Engineering and Transportation Services

*addl.
16 Kg U / 8 Kg U-235
0000
(02)*

Copy to PDA and ACC 7-20-82
Becker, Pross

*8708030082
POR*

CRJ:pwh

210 NRU IRRADIATED FOODS FOR SHIPMENT

FFC

ID	NAME	DATE IN	DATE OUT	INITIAL U236	WEIGHT (GRAMS) U235	TOTAL U	TOTAL HWD	G U236 LOST	G U236 FORNED	U235 G	CONSUMED %	GRAMS U236	REMAINING U236	U235	TOTAL U	RESIDUAL % U235
242		760617	770823	0.0	380.0	4.4	3.4	2.8	0.9	34.2	90.0	0.0	0.0	36.0	126.1	30.13
243		750622	800806	0.0	493.0	5.5	4.5	3.3	1.1	39.9	81.0	0.0	0.0	38.0	169.9	49.19
337		770606	780906	0.0	492.0	5.5	4.5	3.3	1.1	44.4	50.0	0.0	0.0	43.0	159.9	36.66
345		780228	781129	0.0	488.0	5.5	4.5	3.3	1.1	44.4	50.0	0.0	0.0	43.0	179.9	36.66
500		781018	791201	0.0	488.0	5.5	4.5	3.3	1.1	36.5	77.0	0.0	0.0	35.0	222.0	57.47
501		781018	800119	0.0	488.0	5.5	4.5	3.3	1.1	36.5	77.0	0.0	0.0	35.0	169.9	33.54
511		781122	791212	0.0	488.0	5.5	4.5	3.3	1.1	42.3	66.0	0.0	0.0	64.0	169.9	45.72
513		781124	800112	0.0	488.0	5.5	4.5	3.3	1.1	42.3	66.0	0.0	0.0	64.0	167.4	46.33
514		781124	791207	0.0	488.0	5.5	4.5	3.3	1.1	42.3	66.0	0.0	0.0	64.0	167.4	46.33
517		781124	800103	0.0	488.0	5.5	4.5	3.3	1.1	42.3	66.0	0.0	0.0	64.0	166.0	39.97
518		790111	791208	0.0	488.0	5.5	4.5	3.3	1.1	41.8	67.0	0.0	0.0	65.0	162.0	36.08
519		790111	800120	0.0	488.0	5.5	4.5	3.3	1.1	41.8	67.0	0.0	0.0	65.0	168.0	41.18
519		790111	800118	0.0	488.0	5.5	4.5	3.3	1.1	42.7	65.0	0.0	0.0	63.0	163.0	38.68
520		790111	800118	0.0	488.0	5.5	4.5	3.3	1.1	42.7	65.0	0.0	0.0	63.0	162.0	37.98
521		790111	800124	0.0	488.0	5.5	4.5	3.3	1.1	42.7	65.0	0.0	0.0	63.0	161.0	41.11
522		790111	800214	0.0	488.0	5.5	4.5	3.3	1.1	41.0	66.0	0.0	0.0	64.0	175.0	44.18
523		790111	800416	0.0	488.0	5.5	4.5	3.3	1.1	41.0	66.0	0.0	0.0	64.0	169.0	41.11
524		790111	800310	0.0	488.0	5.5	4.5	3.3	1.1	41.3	65.0	0.0	0.0	63.0	171.0	44.18
525		790111	800209	0.0	487.0	5.5	4.5	3.3	1.1	41.3	65.0	0.0	0.0	63.0	173.0	43.11
526		790111	800414	0.0	488.0	5.5	4.5	3.3	1.1	40.8	65.0	0.0	0.0	64.0	176.0	44.46
527		790111	800402	0.0	488.0	5.5	4.5	3.3	1.1	41.0	66.0	0.0	0.0	64.0	174.0	43.49
528		790111	800206	0.0	488.0	5.5	4.5	3.3	1.1	42.2	64.0	0.0	0.0	62.0	165.0	39.63
529		790111	800229	0.0	488.0	5.5	4.5	3.3	1.1	41.5	65.0	0.0	0.0	63.0	171.0	42.23
530		790111	800223	0.0	487.0	5.5	4.5	3.3	1.1	41.3	65.0	0.0	0.0	63.0	173.0	41.68
531		790111	800229	0.0	488.0	5.5	4.5	3.3	1.1	41.3	65.0	0.0	0.0	63.0	173.0	43.08
532		790111	800126	0.0	488.0	5.5	4.5	3.3	1.1	41.7	64.0	0.0	0.0	62.0	169.0	41.47
533		790111	800312	0.0	488.0	5.5	4.5	3.3	1.1	42.0	63.0	0.0	0.0	61.0	167.0	40.47
534		790111	800322	0.0	488.0	5.5	4.5	3.3	1.1	41.3	64.0	0.0	0.0	62.0	172.0	42.56
535		790111	800423	0.0	487.0	5.5	4.5	3.3	1.1	40.6	64.0	0.0	0.0	61.0	178.0	45.52
536		790111	800519	0.0	488.0	5.5	4.5	3.3	1.1	40.5	64.0	0.0	0.0	61.0	186.0	46.12
537		790111	800512	0.0	487.0	5.5	4.5	3.3	1.1	41.1	64.0	0.0	0.0	62.0	174.0	43.53
538		790111	800206	0.0	487.0	5.5	4.5	3.3	1.1	41.5	64.0	0.0	0.0	62.0	171.0	42.28
539		790111	800314	0.0	487.0	5.5	4.5	3.3	1.1	41.5	64.0	0.0	0.0	62.0	171.0	42.48
540		781122	791221	0.0	487.0	5.5	4.5	3.3	1.1	41.5	64.0	0.0	0.0	62.0	168.0	41.14
541		781122	791108	0.0	488.0	5.5	4.5	3.3	1.1	42.3	67.0	0.0	0.0	65.0	162.0	38.49
542		790110	791218	0.0	487.0	5.5	4.5	3.3	1.1	42.1	66.0	0.0	0.0	64.0	165.0	39.86
543		790110	791228	0.0	487.0	5.5	4.5	3.3	1.1	42.6	66.0	0.0	0.0	64.0	161.0	37.85
544		790110	800303	0.0	488.0	5.5	4.5	3.3	1.1	41.4	66.0	0.0	0.0	64.0	172.0	43.20
545		790110	800503	0.0	487.0	5.5	4.5	3.3	1.1	40.0	64.0	0.0	0.0	61.0	178.0	46.46
546		790110	800325	0.0	488.0	5.5	4.5	3.3	1.1	41.1	64.0	0.0	0.0	62.0	173.0	43.56
547		790110	800309	0.0	488.0	5.5	4.5	3.3	1.1	41.0	64.0	0.0	0.0	62.0	176.0	44.37
548		790110	800315	0.0	488.0	5.5	4.5	3.3	1.1	41.4	64.0	0.0	0.0	62.0	173.0	42.87
549		790110	800423	0.0	488.0	5.5	4.5	3.3	1.1	41.5	64.0	0.0	0.0	62.0	180.0	46.18
550		790110	800409	0.0	488.0	5.5	4.5	3.3	1.1	41.0	64.0	0.0	0.0	61.0	177.0	45.88
551		790110	800521	0.0	488.0	5.5	4.5	3.3	1.1	41.0	64.0	0.0	0.0	61.0	178.0	45.20
552		790110	800512	0.0	488.0	5.5	4.5	3.3	1.1	41.1	64.0	0.0	0.0	62.0	175.0	43.84
553		790110	800517	0.0	488.0	5.5	4.5	3.3	1.1	41.8	64.0	0.0	0.0	62.0	179.0	45.44
554		790110	800706	0.0	488.0	5.5	4.5	3.3	1.1	42.3	66.0	0.0	0.0	64.0	166.0	39.76
555		790110	800719	0.0	488.0	5.5	4.5	3.3	1.1	40.9	66.0	0.0	0.0	64.0	177.0	44.76
556		790110	800412	0.0	488.0	5.5	4.5	3.3	1.1	41.3	66.0	0.0	0.0	64.0	174.0	43.40
557		790110	800412	0.0	488.0	5.5	4.5	3.3	1.1	41.3	66.0	0.0	0.0	64.0	174.0	43.40
558		790110	800712	0.0	488.0	5.5	4.5	3.3	1.1	41.1	66.0	0.0	0.0	64.0	177.0	44.76
559		790110	800524	0.0	488.0	5.5	4.5	3.3	1.1	41.1	66.0	0.0	0.0	64.0	177.0	44.76
560		790110	800601	0.0	488.0	5.5	4.5	3.3	1.1	41.1	66.0	0.0	0.0	64.0	177.0	44.76
561		790110	800507	0.0	488.0	5.5	4.5	3.3	1.1	41.3	66.0	0.0	0.0	64.0	174.0	43.40
562		790110	800601	0.0	488.0	5.5	4.5	3.3	1.1	41.3	66.0	0.0	0.0	64.0	174.0	43.40
563		790110	800601	0.0	488.0	5.5	4.5	3.3	1.1	41.3	66.0	0.0	0.0	64.0	174.0	43.40
564		790110	800601	0.0	488.0	5.5	4.5	3.3	1.1	41.3	66.0	0.0	0.0	64.0	174.0	43.40
565		790110	800601	0.0	488.0	5.5	4.5	3.3	1.1	41.3	66.0	0.0	0.0	64.0	174.0	43.40
566		790110	800601	0.0	488.0	5.5	4.5	3.3	1.1	41.3	66.0	0.0	0.0	64.0	174.0	43.40
567		790110	800601	0.0	488.0	5.5	4.5	3.3	1.1	41.3	66.0	0.0	0.0	64.0	174.0	43.40
568		790110	800601	0.0	488.0	5.5	4.5	3.3	1.1	41.3	66.0	0.0	0.0	64.0	174.0	43.40
569		790110	800601	0.0	488.0	5.5	4.5	3.3	1.1	41.3	66.0	0.0	0.0	64.0	174.0	43.40
570		790110	800601	0.0	488.0	5.5	4.5	3.3	1.1	41.3	66.0	0.0	0.0	64.0	174.0	43.40
571		790110	800601	0.0	488.0	5.5	4.5	3.3	1.1	41.3	66.0	0.0	0.0	64.0	174.0	43.40
572		790110	800601	0.0	488.0	5.5	4.5	3.3	1.1	41.3	66.0	0.0	0.0	64.0	174.0	43.40
573		790110	800601	0.0	488.0	5.5	4.5	3.3	1.1	41.3	66.0	0.0	0.0	64.0	174.0	43.40
574		790110	800601	0.0	488.0	5.5	4.5	3.3	1.1	41.3	66.0	0.0	0.0	64.0	174.0	43.40
575		790110	800601	0.0	488.0	5.5	4.5	3.3	1.1	41.3	66.0	0.0	0.0	64.0	174.0	43.40
576		790110	800601	0.0	488.0	5.5	4.5	3.3	1.1	41.3	66.0	0.0	0.0	64.0	174.0	43.40
577		790110	800601	0.0	488.0	5.5	4.5	3.3	1.1	41.3	66.0	0.0	0.0	64.0	174.0	43.40
578		790110	800601	0.0	488.0	5.5	4.5	3.3	1.1	41.3	66.0	0.0	0.0	64.0	174.0	43.40
579		790110	800601	0.0	488.0	5.5	4.5	3.3	1.1	41.3	66.0	0.0	0.0	64.0	174.0	43.40
580		790110	800601	0.0	488.0	5.5	4.5	3.3	1.1	41.3	66.0	0.0	0.0	64.0	174.0	43.40
581		790110	800601	0.0	488.0	5.5	4.5	3.3	1.1	41.3	66.0	0.0	0.0	64.0	174.0	43.40
582		790110	800601	0.0	488.0	5.5	4.5	3.3	1.1	41.3	66.0	0.0	0.0	64.0	174.0	43.40
583		790110	800601	0.0	488.0	5.5	4.5	3.3	1.1	41.3	66.0	0.0	0.0	64.0	174.0	43.40
584		790110	800601	0.0	488.0	5.5	4.5	3.3	1.1	41.3	66.0	0.0	0.0	64.0	174.0	43.40
585		790110	800601	0.0	488.0	5.5	4.5	3.3	1.1	41.3	66.0	0.0	0.0	64.0	174.0	43.40
586		790110	800601	0.0	488.0	5										

Pursuant to the Atomic Energy Act of 1954, as amended, and Title 10, Code of Federal Regulations, Chapter I, Part 110, a license is hereby issued to the licensee designated below, authorizing the import of special nuclear material in accordance with the statements and representations made by the licensee in the application referenced below. This license is subject to all applicable rules, regulations and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

Licensee		2. Docket No.
1. Name	Nuclear Assurance Corporation.	11002405
2. Address 24 Executive Park West Atlanta, Georgia 30329 ATTN: Charles R. Johnson		4. License No.
		ISNM81005, Amendment No. 1
		5. Expiration date
		November 1, 1982

6. Country where shipment originates	7. Quantity and type of material
Canada	Uranium: 33.0 kilograms uranium containing up to 18.0 kilograms U-235 as spent NRX and NRU Reactor fuel.

CONDITIONS
Amendment No. 1

This license is amended to extend the expiration date from April 1, 1982 to November 1, 1982.

All other conditions remain unchanged.

- Distribution:
 License Issued File
 License File ←
 Licensee
 ACC
 PDR
 IE
 NMSS,SGTE
 GProco/OROO
 Kevin Vann/OROO

*USA Mckewown
RO: I*

*~~8701140162~~
PAR.*

*CO-1
O'P
O'P*

For the U.S. NUCLEAR REGULATORY COMMISSION

Date of Application December 16, 1981
 Date of Issuance DEC 29 1981

James B. Devine, Assistant Director
 Office of International Programs

2025 RELEASE UNDER E.O. 14176