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L22595


Edlow International Company
1666 Connecticut Ave., N.W., Suite 201
Washington, D.C. 20009 U.S.A.
Tel (202) 483-4959
Fax (202) 483-4840
e-mail: edlowco@aol.com

March 25, 1998

*Kevin B.
Called
3/30/98*

Ms. Gloria Bennington
Division of Safeguards
and Transportation
Mail Stop: 0-6 F-18
U.S. Nuclear Regulatory Commission
11545 Rockville Pike
Rockville, MD 20852-2738

Ref: ANSTO-SFI-1 Irradiated Reactor Fuel Transport

Dear Ms. Bennington:

In accordance with CFR Title 10, part 73.37, we hereby make notification to your office of an upcoming shipment of irradiated reactor fuel.

The shipment will consist of three casks from the Australian Nuclear Science & Technology Organisation (ANSTO). The vessel "ARNEB" will be utilized for this shipment. The fuel will depart from Lucas Heights and will be loaded aboard the vessel at Botany Bay, Australia on or about April 4, 1998. The vessel will proceed directly to the Naval Weapons Station (Weapons Station) in Charleston, SC and is scheduled to arrive Charleston on or about May 14, 1998.

The cargo will be discharged at the Weapons Station on or about May 14, 1998. The cargo will then be transported by rail with CSX Transportation on the same date, in accordance with an NRC approved route, to the U.S. Department of Energy, Savannah River Site in Aiken, SC. The cargo is due to arrive at the destination on or about May 14, 1998.

In the event of changes to the above schedule, we will give your office advanced telephone notification. We confirm that the governor's designee for the State of South Carolina will be notified in accordance with 10 CFR 73.37. Please note that the schedule information contained in this letter must be protected in accordance with the provision of 10 CFR part 73.21.

NMSS05 Public

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Shipper: Edlow International Company for:
Australian Nuclear Science & Technology
Organisation (ANSTO)
1666 Connecticut Ave., NW Suite 201
Washington, DC 20009
N. Ravenscroft, F. Oshinowo (202) 483-4959

Carrier: ARGO Reederei, Richard Adler + Sohne.
c/o Nuclear Cargo & Service
Postfach 110069
Hanau, 63434
(49) 6181-501-254

Carrier: CSX Transportation
500 Water Street
Jacksonville, FL 32202-4467
(904) 359-1765

Receiver: U.S. Department of Energy
Savannah River Site
P.O. Box A
Aiken, SC 29802
(803) 557-3759

Shipment Description:

1. Shipping Name: Radioactive material, fissile, n.o.s., 7
2. UN ID No.: 2918
3. Weight U: 16,833.2 g max (120 elements)
4. Radionuclide: U235, Pu 241, Pu 239, MFP
5. Activity: 1,310 TBq
6. Physical/Chemical Form: Solid as UAl alloy
7. Package Type: B(U)F (1 x LHRL-120)
8. Labeled: Radioactive Yellow-III
9. Transport Index: 50
10. Placarded: Radioactive
11. U.S. IAEA Certificate: USA/0389/B(U)F
12. Australian IAEA Certificate: AUS/20/B(U)F
13. Type of Reactor: Research
14. Original Enrichment: 80%

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Shipment Description:

1. Shipping Name: Radioactive material, fissile, n.o.s., 7
2. UN ID No.: 2918
3. Weight U: 8,345.4 g (60 elements)
4. Radionuclide: U235, Pu 241, Pu 239, MFP
5. Activity: 736 TBq
6. Physical/Chemical Form: Solid as UAlx alloy
7. Package Type: B(U)F (1 x TN7/2)
8. Labeled: Radioactive Yellow-III
9. Transport Index: 8.3
10. Placarded: Radioactive
11. U.S. IAEA Certificate: USA/0371/B(U)F
12. German IAEA Certificate: D/4160/B(U)F
13. Type of Reactor: Research
14. Original Enrichment: 80%

Shipment Description:

1. Shipping Name: Radioactive material, fissile, n.o.s., 7
2. UN ID No.: 2918
3. Weight U: 8435.1 g (60 elements)
4. Radionuclide: U235, Pu 241, Pu 239, MFP
5. Activity: 718 TBq
6. Physical/Chemical Form: Solid as UAlx alloy, U308 U3Si2
7. Package Type: B(U)F (1 x TN7/2)
8. Labeled: Radioactive Yellow-III
9. Transport Index: 8.3
10. Placarded: Radioactive
11. U.S. IAEA Certificate: USA/0371/B(U)F
12. German IAEA Certificate: D/4160/B(U)F
13. Type of Reactor: Research
14. Original Enrichment: 80%

If additional data is required, please let us know.

Sincerely,

Franchone Oshinowo
Spent Fuel Project Manager