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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

November 21, 1997

Ms. Gloria Bennington
Division of Safeguards and
Transportation
Mail Stop: 0-6 E-6
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555-0001

Kevin Blackwell
message 11/23/97
Code 11/1/98

Ref: FRR-6 Irradiated Reactor Fuel Transport

Dear Ms. Bennington:

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

The shipments will consist of eight casks from five research reactors from Europe. The countries involved are Italy, Sweden, Denmark, Germany and Greece. The vessel "BOUGUENNAIS" will be utilized for these shipments. The fuel from Saluggia, Italy will depart on December 2, 1997 and will be loaded aboard the vessel at the Port of Cherbourg, France. The vessel is scheduled to depart on or about December 15. The vessel will then proceed to the Port of Walhamn, Sweden to load fuel from Studsvik on or about December 19. Then, the vessel will proceed to the Port of Esberg, Denmark to load fuel from RISO and EMI in Germany on or about December 21. The last port of call in Europe will be the Port of Piraeus where the fuel from Demokritos will be loaded on or about January 3, 1998. The vessel will then proceed directly to the Naval Weapons Station (Weapons Station) in Charleston, SC. The vessel is scheduled to arrive in Charleston on January 27, 1998.

The cargo will be discharged at the Weapons Station on or about January 27, 1998. The cargo will then be transported by CSX Transportation railroad on the same date, in accordance with an

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NRC approved route, to the Department of Energy, Savannah River Site in Aiken, SC. The cargo is due to arrive at the destination on or about January 27, 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.

Shipper: Edlow International Company for:
DEMOKRITOS
ENEA
Hahn Meitner Institut
Riso National Laboratory
Studsvik Nuclear AB
1666 Connecticut Ave., NW Suite 201
Washington, DC 20009
N. Ravenscroft, F. Oshinowo (202) 483-4959

Carrier: Morbihannaise de Navigation
c/o Transnucleaire
Paris, 75008 France
(33-14) 069-7700

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) 952-4244



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DEMOKRITOSShipment Description:

1. Shipping Name: Radioactive material, fissile, n.o.s., 7
2. UN ID No.: 2918
3. Weight U: 5,320 g max (42 elements)
4. Radionuclide: U235, U236, Pu 239, MFP
5. Activity: 5,550 TBq
6. Physical/Chemical Form: Solid as UAl alloy
7. Package Type: B(U)F (1 x NAC-LWT)
8. Labeled: Radioactive Yellow-III
9. Transport Index: 10 (estimated)
10. Placarded: Radioactive
11. U.S. / IAEA Certificate: USA/9225/B(U)F
12. Type of Reactor: Research
13. Original Enrichment: 93.12%

ENEAShipment Description:

1. Shipping Name: Radioactive material, fissile, n.o.s., 7
2. UN ID No.: 2918
3. Weight U: 30.064 kg (76 elements)
4. Radionuclide: U235, Pu 241, Pu 239, MFP
5. Activity: 577.2 TBq
6. Physical/Chemical Form: Solid as UAlx alloy
7. Package Type: B(U)F (2 x IU-04)
8. Labeled: Radioactive Yellow-III
9. Transport Index: 0 (estimated)
10. Placarded: Radioactive
11. U.S. / IAEA Certificate: USA/0100/B(U)F
12. French Certificate: F/007/B(U)F
13. Type of Reactor: Research
14. Original Enrichment: 19%, 20% and 90%

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RISOShipment Description:

1. Shipping Name: Radioactive material, fissile, n.o.s., 7
2. UN ID No.: 2918
3. Weight U: 12.416 kg (66 elements)
4. Radionuclide: U235, U236, Pu 241, Pu 239, MFP
5. Activity: 3,321 TBq
6. Physical/Chemical Form: Solid as UAlx alloy, U308 U3Si2
7. Package Type: B(U)F (2 x IU-04)
8. Labeled: Radioactive Yellow-III
9. Transport Index: 2 (estimated)
10. Placarded: Radioactive
11. U.S. / IAEA Certificate: USA/0100/B(U)F
12. French Certificate: F/007/B(U)F
13. Type of Reactor: Research
14. Original Enrichment: 93%, 85% and 19.75%

HAHN MEITNER INSTITUTShipment Description:

1. Shipping Name: Radioactive material, fissile, n.o.s., 7
2. UN ID No.: 2918
3. Weight U235: 7,316.5 g (66 elements)
4. Radionuclide: U235, Pu 241, Pu 239 MFP
5. Activity: 14,760 TBq
6. Physical/Chemical Form: Solid as UAlx alloy
7. Package Type: B(U)F (2 x GNS-11)
8. Labeled: Radioactive Yellow-III
9. Transport Index: 20 (estimated)
10. Placarded: Radioactive
11. U.S. / IAEA Certificate: USA/0381/B(U)F
12. German Certificate: D/4224/B(U)F
13. Type of Reactor: Research
14. Original Enrichment: 94% max

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StudsvikShipment Description:

1. Shipping Name: Radioactive material, fissile, n.o.s., 7
2. UN ID No.: 2918
3. Weight U: 8,541 g (64 elements)
4. Radionuclide: U235, U238, Pu 239, MFP
5. Activity: 2,950 TBQ max
6. Physical/Chemical Form: Solid as UAlx alloy
7. Package Type: B(U)F (1 x TN 7/2)
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 Certificate: D/4160/B(U)F
13. Type of Reactor: Research
14. Original Enrichment: 93%

If additional data is required, please let us know.

Sincerely,



Franchone Oshinowo
Spent Fuel Project Manager