


# OFFICIAL USE ONLY

NRC FORM 7 (5-2003) 10 CFR 110		U.S. NUCLEAR REGULATORY COMMISSION			APPROVED BY OMB: NO. 3150-0027		EXPIRES: 05/31/2006			
<b>APPLICATION FOR LICENSE TO EXPORT NUCLEAR MATERIAL AND EQUIPMENT</b> <i>(See Instructions on Reverse)</i>										
1. APPLICANT'S USE			a. DATE OF APPLICATION March 13, 2006		b. APPLICANT'S REFERENCE OSIRIS LEU-06		2. NRC USE <b>11025608</b>		b. LICENSE NUMBER <b>XSNM03438</b>	
3. APPLICANT'S NAME AND ADDRESS					4. SUPPLIER'S NAME AND ADDRESS <i>(Complete if applicant is not supplier)</i>					
a. NAME Becky G. Eddy (NNSA Y-12 National Security Complex)					a. NAME Y-12 National Security Complex					
b. STREET ADDRESS (Facility Site) P.O. Box 2060, Bear Creek Rd.					b. STREET ADDRESS PO Box 2009, Bear Creek Road					
c. CITY Oak Ridge			d. STATE TN	e. ZIP CODE 37831		c. CITY Oak Ridge			d. STATE TN	e. ZIP CODE 37831
f. TELEPHONE NUMBER (865) 576-4119		g. FAX (865) 241-4331		h. E-MAIL bgf@y12.doe.gov			c. CITY Oak Ridge		d. STATE TN	e. ZIP CODE 37831
5. FIRST SHIPMENT SCHEDULED		6. FINAL SHIPMENT SCHEDULED		7. APPLICANT'S CONTRACTUAL DELIVERY DATE		8. PROPOSED LICENSE EXPIRATION DATE		9. CONTRACT NO.		
[REDACTED]		[REDACTED]		[REDACTED]		12/31/2006				
10. ULTIMATE FOREIGN CONSIGNEE					11. ULTIMATE END USE <i>(Include plant or facility name)</i>					
a. NAME CEA /Patricia Boulcourt					OSIRIS Reactor, Saclay France					
b. STREET ADDRESS (Facility Site) DRSN/SIREN Batiment 633 91191 GIF sur YVETTE Cedex					11a. DATE REQUIRED 05/21/2006					
c. CITY Saclay			d. COUNTRY France		12. INTERMEDIATE FOREIGN CONSIGNEE					
a. NAME CERCA Romans					13. INTERMEDIATE END USE					
b. STREET ADDRESS (Facility Site) Les Berauds - BP-1114					Temporary storage					
c. CITY Romans Sur Isere			d. COUNTRY France		13a. DATE REQUIRED					
14. INTERMEDIATE FOREIGN CONSIGNEE					15. INTERMEDIATE END USE					
a. NAME COGEMA Logistics					Transporter					
b. STREET ADDRESS (Facility Site) 1 rue des Herons, BP 302, Montigny Le Bretonneux					15a. DATE REQUIRED					
c. CITY St Quentin en Yvelines			d. COUNTRY France		16. COM CODE					
17. DESCRIPTION <i>(Include chemical and physical form of nuclear material; give dollar value of nuclear equipment and components)</i>					18. MAX. ELEMENT WEIGHT		19. MAX. WT. %	20. MAX. ISOTOPE WEIGHT	21. UNIT	
Two - IRIS 5 experimental fuel plates, Maximum enrichment is 19.95%. The monolithic fuel is fabricated using high density uranium metallic fuel clad in aluminum					[REDACTED] Uranium		19.97	[REDACTED] U-235	[REDACTED]	
22. FOREIGN OBLIGATIONS BY COUNTRY AND PERCENTAGE <i>(Use separate sheet if necessary)</i> 100% US Obligation										
23. ADDITIONAL INFORMATION ON CONSIGNEES, END USES, AND PRODUCT DESCRIPTION <i>(Use separate sheet if necessary)</i> Fuel plates will be transported to France as a cargo of opportunity utilizing DOD assets										
24. The applicant certifies that this application is prepared in conformity with Title 10, Code of Federal Regulations; and that all information in this application is correct to the best of his/her knowledge.										
25. AUTHORIZED OFFICIAL			a. SIGNATURE 				b. TITLE DOE NNSA Program Manager			

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**Department of Energy**

National Nuclear Security Administration  
P. O. Box 2050  
Oak Ridge, Tennessee 37831-8009



March 13, 2006

XSNM03408  
11005608

Ms. Margie Doane  
Deputy Director, Office of International Programs  
U. S. Nuclear Regulatory Commission  
11555 Rockville Pike  
Rockville, Maryland 20852-2738

Dear Ms. Doane:

**APPLICATION FOR EXPORT LICENSE FOR THE DEPARTMENT OF ENERGY SHIPMENT OF LOW ENRICHED URANIUM FUEL ELEMENTS TO COMMISSARIAT À L'ENERGIE ATOMIQUE (CEA)**

Enclosed is a U.S. Department of Energy (DOE) application for a license to export Low Enriched Uranium (LEU) fuel elements to Commissariat à l'Energie Atomique (CEA). The export license is required in order for the DOE National Nuclear Security Administration (NNSA) to provide deliveries of LEU fuel to CEA for use in the OSIRIS research reactor.

The first shipment to France is scheduled for [REDACTED]. The NNSA Y-12 Site Office requests that the export license be issued prior to the end of [REDACTED] in order for Y-12 to meet the scheduled delivery date.

If you have any questions or require additional information, please do not hesitate to call me at (865) 576-4119 or [eddybg@y12.doe.gov](mailto:eddybg@y12.doe.gov).

Sincerely,

Becky G. Eddy  
Program Manager  
Y-12 Site Office

Enclosure:  
NRC Form 7 (OSIRIS LEU-06)

cc w/enclosure:  
R. George, NA-26, FORS  
T. Andes, 9113, MS 8206, BWXT Y-12

cc w/o enclosure:  
C. R. Elliott, Y12-10, YSO  
T. B. Olberding, Y12-30, YSO  
D. L. Wall, Y12-30, YSO

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