

MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and 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		3. License Number	SUB-526 Amendment 2
1. AlliedSignal, Inc.		4. Expiration Date	June 30, 2005
2. P.O. Box 430 Metropolis, Illinois 62960		5. Docket or Reference No.	40-3392
6. Byproduct, Source, and/or Special Nuclear Material	7. Chemical and/or Physical Form	8. Maximum Amount that Licensee May Possess at Any One Time Under This License	
A. Natural uranium	A. Yellowcake, U_3O_8 , UO_2 , UF_4 , UF_6	A. 68 million kg (150 million lbs)	
B. Cs-137	B. Sealed sources	B. 100 millicuries	
C. Any licensed material between atomic numbers 1-100	C. Quality control samples	C. 1 μ Ci total	
D. Depleted uranium	D. Yellowcake, U_3O_8 , UO_2 , UF_4 , UF_6	D. 68 kg (150 lbs)	
E. Unirradiated uranium contaminated with plutonium-239	E. UF_4	E. 4080 kg (9,000 lbs)	
9. Authorized place of use: The licensee's existing facilities at Metropolis, Illinois.			
10. Authorized use: For use in accordance with the statements, representations, and conditions in Chapters 1 through 7 of the application dated July 11, 1994, and supplements dated September 6, October 3, and November 16, 1994; and March 1, April 6, and April 19, 1995; and September 6 and November 25, 1996 and March 17, 1997; and letter dated February 27, 1995, and April 2, and April 16, 1997.			
11. The licensee shall maintain and execute the response measures in the Radiological Contingency Plan (Emergency Plan) dated August 15, 1993, or as provided by the licensee consistent with 10 CFR Section 40.35(f).			
12. The licensee is hereby granted the special authorizations in Chapter 1, Sections 1.6.1, 1.6.2, 1.6.3, and 1.6.8.			

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

SUB-526 Amendment 2

Docket or Reference Number

40-3392

13. The average concentration of uranium in calcium fluoride released to each commercial organization, for any consecutive 12-month period, shall not exceed 212 pCi/gram.

FOR THE NUCLEAR REGULATORY COMMISSION

Date: MAY 6, 1997

By: Michael F. Weber
Division of Fuel Cycle Safety
and Safeguards, NMSS
Washington, DC 20555