

**UF6**  
**Question & Answers**

**Question:**

Is NFS licensed to possess, store, process, and transport UF6?

**Answer:**

Yes. License SNM-124 , Chapter 1, Section 1.5, authorizes NFS "to receive, possess, use, store, and ship authorized special nuclear material pursuant to 10 CFR Part 70." Chapter 1, Appendix B (Revision 2, dated April 13, 2007) lists "Uranium hexafluoride (UF6)" as a "physical form of uranium which may be used in licensed operations." Section 1.5.1.1 includes "conversion of highly enriched uranium hexafluoride to other uranium compounds" as an authorized activity. The current revision of Chapter 1 is Revision 17, dated August 8, 2008.

**Question:**

When was NFS first licensed to possess, store, process, or transport UF6?

**Answer:**

NFS has been licensed to use UF6 since the late 1960s. NFS was re-licensed to possess, store, process, and transport UF6 with the license renewal that occurred on July 29, 1999.

**Question:**

Had NFS ever processed UF6 prior to receiving the UF6 cylinders currently on site?

**Answer:**

Yes, prior to the previous license renewal in 1999, NFS previously utilized various methods to process UF6. The current method of processing UF6, sublimation, includes additional conservatism and safety controls versus the past methods.