



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

JAN 18 1991

Docket No. 70-1257  
License No. SNM-1227

Advanced Nuclear Fuels Corporation  
ATTN: Mr. C. W. Malody, Jr., Manager  
Regulatory Compliance  
2101 Horn Rapids Road  
Richland, Washington 99352-0130

Gentlemen:

This refers to your letters dated January 18 and December 18, 1990, regarding certain 1-inch uranium hexafluoride (UF<sub>6</sub>) cylinder valves manufactured by Superior Valve Company.

On August 19, 1987, the NRC issued an Order Modifying License that

- (1) prohibits filling, heating, emptying, or delivering to a carrier for transport 48-inch and 30-inch diameter UF<sub>6</sub> cylinders fitted with Superior Valve Company 1-inch alloy valves manufactured in Superior Valve Company lots numbered 16 through 22 inclusive, and
- (2) requires that all 1-inch Superior valves for use in UF<sub>6</sub> cylinders in your warehouse stock be carefully inspected. All valves shall be reinspected before fitting into cylinders. All defective valves found in stock regardless of lot number or manufacturer shall be reported to the Administrator of the appropriate NRC office.

On September 25, 1987, the NRC modified the Order to read lots numbered 17 through 22.

By letter dated December 20, 1989, the NRC informed you that the Order would be rescinded if you provided in writing that all valves from heat lots 17 through 22 have been returned to Superior Valve Company for refurbishment or have been destroyed.

In the letter dated January 18, 1990, you stated that an inspection of the valve inventory identified 96 valves from Superior heat lots 17 through 22. Furthermore, in the letter dated December 18, 1990, you added that these valves were returned to Superior for rework. Accordingly, based on the information in your letters, the NRC Order issued to the Advanced Nuclear Fuels Corporation on August 19, 1987, as modified on September 25, 1987, is hereby rescinded.

9101240244 910118  
PDR ADDCK 07001257  
C PDR

1/0  
NF15

JAN 18 1991

Advanced Nuclear Fuels Corporation 2

In accordance with Section 2.790 of the NRC's "Rule of Practice," Part 2, Title 10, Code of Federal Regulations, a copy of this letter will be placed in the Public Document Room.

FOR THE NUCLEAR REGULATORY COMMISSION

(Signed) Robert M. Bernero

Robert M. Bernero, Director  
Office of Nuclear Material Safety  
and Safeguards

Distribution

Docket 70-1257	PDR	NRC File Center	IMNS Central File
IMUF R/F	IMSB R/F	Region V	NMSS Dir. Office R/F
STreby, OGC	GSjoblom	GBidinger	NMSS R/F
WSPennington	VTnarpe(2)	CHooker, RV	
SP/701257 LTR TO MALODY			

022  
1/18/91

OFC: IMUF: <i>WSP</i>	IMUF: <i>VT</i>	IMUF: <i>GB</i>	IMSB: <i>GH</i>	DD/IMNS:
NAME: WSPennington: mh:	VLTharpe:	GHBidinger:	CHAughiney:	GSjoblom:
DATE: 1/9/91:	1/9/91:	1/11/91:	1/11/91:	1/11/91:
OFC: D/IMNS: <i>WSP</i>	OGC: <i>ST</i>	DD/NMSS:	D/NMSS: <i>RB</i>	
NAME: RECLintnam:	STreby:	GArlotto:	RBernero:	
DATE: 1/11/91:	1/11/91:	1/ /91:	1/18/91:	