



FRAMATOME ANP

Ein Unternehmen von AREVA und Siemens

ADVANCED NUCLEAR FUELS GmbH

U.S. Nuclear Regulatory Commission
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ANF, Lingen Responses to NRC Bulletin 2003-03

Ref. 1: NRC Bulletin 2003-03, "Potentially Defective 1-inch Valves For Uranium Hexafluoride Cylinders," August 29, 2003

Ref. 2: American National Standards Institute, ANSI N14.1-1995, "Uranium Hexafluoride – Packaging for Transport," ANSI, New York

Dear Sirs

Reference 1 requires that ANF, Lingen Germany address the requested actions listed therein. This letter is ANF's response to these requests.

Actions of ANF:

Response to requested Actions A to E of Ref. 1:

1.) In general:

- FANP currently has 2 uninstalled 1 inch Hunt valves in inventory. ANF owns about 50 30B cylinders in its active fleet with Hunt valves installed.
- ANF plans to either return the uninstalled Hunt valves to the vendor for refund or, alternatively, scrap the valves.

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Seite 1 von 2



FRAMATOME ANP

- ANF makes use of a Quality Assurance Program (QAP) for 30B UF6-cylinders checked by German authority.

2.) Cylinders going out:

- ANF examines all going out cylinders because of the above mentioned QAP. Tested is also the valve type. Hunt valves found according to this examination will be replaced by 1-inch valves of another vendor described as follows:

Heel cylinders are stored in ANF storage for a short period of time. The risk from storing heel cylinders with Hunt valves is minimal since all cylinder valves passed either the 400 psig air pressure test in connection with the last 5 years examination or a pressure test according to ANF standard operating procedures. Cylinders with Hunt valves are then transported to an external service provider for examination and in order to change the valve.


- In future, ANF will supply no 30B cylinders with 1-inch Hunt valves to uranium enrichment plants (UEPs) for filling.

4.) Cylinders already delivered to UEPs :

- Cylinders with Hunt valves which are already delivered to UEPs for filling are checked according to the respective UEP program sent to NRC because of the above mentioned bulletin. Therefore we will not recall these cylinders.

These actions should fulfill the purposes described on page 1 of the above mentioned bulletin.

We, Mr. E. Osseforth (Plant Manager) and Mr. H. Weßling (Director Safety and Environmental), declare and affirm, under penalty of perjury, that the responses provided above are, to the best of our knowledge, information and belief, truthful and complete.

i. v. 

E. Osseforth



H. Weßling

cc. ANF, Lingen, Mrs. B. Wemker, Mr. W. Fischer, Mr. F. Hinken, Mr. F. Hilbers,
Mr. W. Kösters, Mr. R. Witten