

MEMORANDUM TO: Ronald D. Hauber, Director  
Division of Nonproliferation,  
Exports and Multilateral Relations  
Office of International Programs

FROM: Theodore S. Sherr, Chief  
Licensing and International  
Safeguards Branch  
Division of Fuel Cycle Safety  
and Safeguards, NMSS

SUBJECT: XCOM-1134, EXPORT OF COMPONENTS TO NORWAY

We have reviewed the subject export application and provide the following international safeguards and foreign physical protection information for your consideration. This case involves the export of zirconium tubes to be used as an eddy current flaw standard and for mechanical properties testing at the Halden research reactor.

#### Safeguards Implementation

Norway is a party to the Non-Proliferation Treaty and, as such, accepts IAEA safeguards on all source and special nuclear material in its nuclear activities. An IAEA Facility Attachment has been negotiated and is in force for the Halden research reactor.

We note that the IAEA Safeguards Implementation Report for 1998 states that, with the exception of the DPRK situation, "...the Secretariat did not find any indication that nuclear material which had been declared and placed under safeguards had been diverted for any military purpose or for purposes unknown, or that facilities, equipment or non-nuclear material placed under safeguards were being misused. All the information available to the Agency supports the conclusion that the nuclear material and other items placed under safeguards remained in peaceful nuclear activities or were otherwise adequately accounted for."

#### Physical Protection

There are no physical protection requirements applicable to this export.

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