



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

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January 19, 1979

MEMORANDUM FOR: Files

FROM: R. N. Moore, Senior Licensing Officer, IP

SUBJECT: ISNM 79002-PROPOSED IMPORT OF 178 KILOGRAMS  
URANIUM, ENRICHED TO 2.6% U-235 IN GD203/UO2  
PELLETS

On January 11, 1979, Transnuclear, Inc., requested authority to import 178 kilograms of uranium, enriched to 2.6% U-235, contained in gadolinium-<sup>UO2</sup> pellets, from Reaktor Brennelement Union, GmbH, West Germany.

The material will be shipped to the Babcock & Wilcox facility, Lynchburg, Va., for zero power testing and subsequent re-export. The material will be packaged in three type A pellet containers bearing certificate of compliance number USA/0056/A(F).

This material is in a non-volatile, non-corrosive form and the primary hazard from a potential accident which might breach the container is one of chemical rather than radiological toxicity. The radiological impacts from import shipments were evaluated in the Final Environmental Statement of the Transportation of Radioactive Material by Air and Other Modes, NUREG-0170, and were determined to be negligible compared to impacts from domestic shipments.

The staff finds that this import will not be inimical to the common defense and security, will not constitute an unreasonable risk to the health and safety of the public, and will have no significant environmental impact.

R. N. Moore  
Senior Licensing Officer  
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