



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

August 4, 2016

Mr. Clark J. Artaud
Thermo Fisher Scientific
10010 Mesa Rim Road
San Diego, CA 92121

Dear Mr. Artaud:

Thank you for the email message on July 14, 2016, describing possible exports to China of equipment especially designed and prepare to detect and measure (neutron) flux levels in nuclear power reactors. I confirm that a specific Nuclear Regulatory Commission (NRC) license would be required to authorize this type of export according to regulations 10 CFR Part 110.

To obtain such a license, an application (NRC Form 7) must be completed and submitted to the NRC along with the appropriate fee. Since NRC would be required to ask the U.S. Department of State to obtain assurances from the Chinese Government, and to coordinate review of the application by interested U.S. Executive Branch agencies, the current processing fee (10 CFR Part 170.21) is \$9,400. After receiving a response from the Department of State, the NRC would decide whether to issue the export license in light of relevant statutory and regulatory requirements. Depending on the circumstances, this process can take anywhere from two to six months or more.

The NRC has issued licenses authorizing exports of various types of nuclear materials and reactor equipment to China. Please contact me at 301-415-2347, if you have any other export/import licensing-related questions or need more information.

Sincerely,

A handwritten signature in blue ink, which appears to read "Brooke G. Smith", is positioned above the typed name.

Brooke G. Smith, Chief
Export Controls and Nonproliferation Branch
Office of International Programs