

In response to the petition filed by Alan J. Kuperman regarding Export License Application XSNM-3819, the National Nuclear Security Administration (NNSA) is filing a response to the petitioner's request for intervention and public hearing. The responses below are not a formal position or recommendation of the U.S. Government on whether or not the export license should be granted - that determination will be made by the Nuclear Regulatory Commission, supported by information provided through an interagency Executive Board review process. The responses below provide the information requested by the petitioner, which was identified as important information for the public to have prior to the export license application moving forward (p.13 of the petition for intervention and public hearing). This information is publicly accessible and is provided by the NNSA to facilitate transparency with the public.

■ **When will ILL exhaust its current HEU supply, which presumably is based mainly on the last U.S. license for export of HEU for ILL (XSNM-3757)?**

- ILL has requested this additional HEU be received by mid-2022 to ensure sufficient lead time for fabricating fuel to support the continued operation of ILL's Réacteur à Haut Flux (RHF, or High Flux Reactor).

■ **How many years would the proposed export last based on the reactor's planned operating schedule?**

- This export of 130 kilograms (kg) of HEU would support the fabrication of approximately four years' worth of fuel.

■ **By what date is the operator currently expected to complete conversion to LEU fuel?**

- The Réacteur à Haut Flux (RHF, or High Flux Reactor) at the Institut Laue-Langevin (ILL) in France is expected to convert to the exclusive use of a qualified low enriched uranium (LEU) fuel by 2031.