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March 2,1983

U.S. Nuclear Regulatory Commission 1717 H Street Washington, DC 20555

Attn: Assistant Director for Export/Import

Sunj: Heavy Water for Purification and Enrichment outside of the

United States.

Dear Sir:

Our company requests an Export and Import License for D20(Heavy Water) Purification and Enrichment. The Heavy Water will be shipped to: Atomic Energy of Canada, Ontario, Canada, for rework. The end use of the product is for the manufacture of Crystals under DOE Prime Contract #DE-ACO3-76SF0098 to Lawrence Livermore National Laboratory and Subcontract #138005 to Interactive Radiation. We expect to ship approximately 100kg of 64% pure D20 for enrichment to 99% on March 28,1983. The anticipated return is May of 1983.

Your cooperation in this matter is greatly appreciated. If there are any questions, please call.

Best Regards.

INTERACTIVE RADIATION, INC.

Steven Lucena Purchasing Agent

SL:tt

Enclosure: Atomic Energy of Canada, Import License, Copy of

Atomic Energy of Canada, Export License, Copy of

Nuclear Regulatory Commission, Form 7.