



December 10, 1999

General Electric Company
175 Curtner Avenue, San Jose, CA 95125

U.S. Nuclear Regulatory Commission
Office of International Programs
1 White Flint North
11555 Rockville Pike
Rockville, MD 20852

Attention: Ms. Betty Wright
Export/Import Licensing Officer

Subject: Export License Application for Zircaloy Tubes to Halden Reactor in
Norway.

Dear Ms. Wright:

The attached is General Electric Company's original NRC license application for a zircaloy tube, which would be exported, to the Halden Reactor in Norway. GE will be supplying the zircaloy tube to be used as an eddy current flaw standard. This standard will be used to calibrate a device that can then determine whether or not irradiated tubing meets specification. The physical dimensions of this tube follows:

Length:	17 inches
Inside Diameter:	0.352 inches
Wall Thickness:	0.026 inches
Outside Diameter:	0.405 inches
Weight of tubing:	58.15 gms

Additionally, with this Project there may be future needs to ship zircaloy tubing of various sizes to be used for mechanical properties testing. Therefore, we are asking this license be issued with a two year expiration date; the dollar value of the tubes exported would be \$100.00.

The irradiations are part of a research and development program being conducted by GE aimed at developing improved materials to be used in GE's commercial boiling water reactors (BWRs). All tubes are expected to be consumed, destroyed or buried in Norway.

Enclosed is General Electric Company's check no. 0014849618 in the amount of \$1,700.00 payable to the U.S. Nuclear Regulatory Commission for the processing of this request as required by law.

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In order to meet the reactor schedule, the tube is required at the Halden site by January 5, 1999. Your prompt assistance and contact with the U.S. State Department and Department of Energy as required is urgently requested in order that a license may be issued in a timely manner to meet scheduled shipping date and installation at the Halden Reactor. Thank you for your attention in this matter.

Sincerely,



M. J. LaRue
Licensing & Traffic, M/C 200
phone 408-925-3120
fax 408-925-2570

Attachments

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