

SIEMENS

April 14, 1994

U.S. Nuclear Regulatory Commission
Attn: Mr. Robert C. Pierson, Chief
Licensing Branch
Division of Fuel Cycle Safety and Safeguards, NMSS
Washington, D.C. 20555

License No. SNM-1227
Docket No. 70-1257

Dear Mr. Pierson:

Per my recent conversations with members of your staff, Siemens Power Corporation (SPC) requests an amendment to its license to include low level waste compaction as an authorized activity. In order to expedite preparation of waste for shipment to the burial site, SPC intends to contract with Scientific Ecology Group, Inc. (SEG) to bring its "Superpack" mobile compacting system to SPC's site.

Enclosed is descriptive information on the Superpack system as well as a safety analysis prepared by Northern States Power. SPC has revised the portion of the safety analysis dealing with HEPA filter failure such that it deals with low enriched uranium isotopes to determine the dose at the site boundary. In addition to the safety considerations described therein, SPC will in-place test the HEPA filters after the unit is set up for operation to assure 99.95% efficiency in removing 0.8 micron particles. SPC will also provide isokinetic sampling downstream of the HEPA's to measure gross alpha and beta-gamma.

Also enclosed are copies of pages 1-9 for the existing license and 1-10 for the renewal application adding this authorized activity.

SPC and SEG expect to be ready to commence operation of the Superpack unit at SPC's Richland facility by June 1, 1994. We would, therefore, appreciate your expedited review of this request.

If you have questions or require further information, please call me on 509-375-8663.

Siemens Power Corporation

Nuclear Division - Engineering and Manufacturing Facility

2101 Horn Rapids Road, PO Box 130 Richland, WA 99352-0130 Tel: (509) 375-8100 Fax: (509) 375-8402

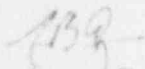
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Very truly yours,



James B. Edgar
Staff Engineer, Licensing
JBE:pm

cc: C. A. Hooker
Region IV, Walnut Creek