June 30, 2009

MEMORANDUM TO: Dave Pstrak, Branch Chief
Rules, Inspections, and Operations Branch
Division of Spent Fuel Storage and Transportation
Licensing and Inspection Directorate
Office of Nuclear Material Safety and Safeguards

FROM: Sandra Wastler, Branch Chief ***/RA/***
Materials Waste and International Security Branch
Division of Security Policy
Office of Nuclear Security and Incident Response

SUBJECT: STAFF REVIEW OF THE KEWAUNEE POWER STATION INDEPENDENT SPENT FUEL STORAGE INSTALLATION PHYSICAL SECURITY PLAN AND VERIFICATION OF ADDITIONAL SECURITY MEASURES INCORPORATION

On April 29, 2009, a Security Inspection conducted by Eugenio Bonano, from Region III, verified that the Independent Spent Fuel Storage Installation located at Kewaunee Power Station, has successfully met the objectives outlined in the TI 2690/008 and IP 81001.1 dated October 17, 2007. The Inspection Report number is: 05000305/2009-404. The licensee is tentatively scheduled to have their initial movement of spent nuclear fuel moved in July 2009. Based on our review, we have determined that the Kewaunee Power Station Physical Security Plan has met the performance objectives, and general requirements outlined in Title 10 of the *Code of Federal Regulation,* Section 73.51, the October 2002 order, and the Additional Security Measures imposed by the U.S. Nuclear Regulatory Commission.

If you have any questions, please contact Douglas Garner, at (301) 415-6786, Douglas.garner@nrc.gov or Rupert Rockhill at (301) 415-3734 rupert.rockhill@nrc.gov

CONTACT: Douglas Garner, MWISB/DSP/NSIR
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