

and Technology, Institute of Museum and Library Services, 1100 Pennsylvania Ave., NW., Room 223, Washington, DC 20506.

SUPPLEMENTARY INFORMATION:

I. Background

The Institute of Museum and Library Services is an independent Federal grant-making agency authorized by the Museum and Library Services Act, Public Law 104-208. The IMLS provides a variety of grant programs to assist the nation's museums and libraries in improving their operations and enhancing their services to the public. Museums and libraries of all sizes and types may receive support from IMLS programs. In the National Leadership Grant Program, IMLS funds the digitization of library and museum collections.

This study is to determine the feasibility of using the Open Archives Initiative (OAI) Metadata Harvesting Protocol to aggregate and provide integrated item-level search access to the digitization projects funded by the Institute of Museum and Library Services through the National Leadership Grant Program.

II. Current Action

To develop an effective Open Archives Initiative metadata harvesting protocol information will be collected from focus groups of resource developers.

Agency: Institute of Museum and Library Services

Title: Study of IMLS Funded Digital Collections and Content

OMB Number: none.

Agency Number: 3137.

Frequency: Once.

Affected Public: Museums and libraries that created digital collections with IMLS funding.

Number of Respondents: 20, in two focus groups.

Estimated Time Per Respondent: 1.5 hours.

Total Burden Hours: 30.

Total Annualized capital/startup costs: n/a.

Total Costs: \$1,125.

FOR FURTHER INFORMATION CONTACT:

Comments should be sent to the Office of Information and Regulatory Affairs, Attn.: OMB Desk Officer for Education, Office of Management and Budget, Room 10235, Washington, DC 20503 (202) 395-7316.

Dated: December 17, 2003.

Rebecca Danvers,

Director, Research and Technology.

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NUCLEAR REGULATORY COMMISSION

[Docket No. 50-305]

Nuclear Management Company, LLC, Kewaunee Nuclear Power Plant; Environmental Assessment and Finding of No Significant Impact

The U.S. Nuclear Regulatory Commission (NRC) is considering issuance of an amendment to Facility Operating License No. DPR-43, issued to Nuclear Management Company, LLC (the licensee), for operation of the Kewaunee Nuclear Power Plant, located in Kewaunee County, Wisconsin. Therefore, as required by 10 CFR 51.21, the NRC is issuing this environmental assessment and finding of no significant impact.

Environmental Assessment

Identification of the Proposed Action

The proposed action would revise the Kewaunee Nuclear Power Plant operating license and technical specifications (TSs) to increase the licensed rated power by 6.0 percent from 1673 megawatts thermal (MWt) to 1772 MWt.

The proposed action is in accordance with the licensee's application dated May 22, 2003.

The Need for the Proposed Action

The proposed action permits an increase in the licensed core thermal power from 1673 MWt to 1772 MWt for the Kewaunee Nuclear Power Plant, providing the flexibility to obtain a higher electrical output from the Kewaunee Nuclear Power Plant with minimal modifications.

Environmental Impacts of the Proposed Action

The licensee has submitted an environmental evaluation supporting the proposed stretch power uprate and provided a summary of its conclusions concerning the radiological and non-radiological environmental impacts of the proposed action.

Radiological Environmental Assessment

The stretch power uprate will increase the activity level of radioactive isotopes in the primary and secondary coolant. Due to leakage or process operations, fractions of these fluids are transported to the liquid and gaseous radwaste systems where they are processed prior to discharge. As the activity levels in the primary and secondary coolant are increased, the activity level of radwaste inputs is

proportionately increased. Regulatory guidance relative to methodology to be utilized to establish whether the radwaste effluent releases from a pressurized-water reactor meet the requirements of 10 CFR part 20 and 10 CFR part 50, appendix I, is provided in NUREG-0017, Revision 1. The NUREG-0017 methodology is independent of the length of the fuel cycle.

The maximum expected increase in the reactor coolant source (associated with the chemical group with the largest percentage increase) is approximately 17.6 percent for noble gas activity. This increase is primarily a combination of the impact of core power uprate and reduction in reactor coolant system (RCS) mass. Considering the accuracy and error bounds of the operational data utilized in NUREG-0017, this percentage change is well within the uncertainty of the existing NUREG-0017-based expected reactor coolant isotopic inventory used for radwaste effluent analyses and corrected for a facility with this power rating.

As discussed above, there is approximately a 17.6 percent increase assumed for the liquid releases as input activities are based on the largest long-term RCS activity increase for any chemical grouping and on waste volumes which are essentially independent of power level within the applicability range of NUREG-0017. Tritium releases in liquid effluents are assumed to increase approximately 11.4 percent (corresponding to the effective increase in core power) since the facility is changing its power rating, without changing its operational procedures. However, for all liquid releases, the power uprate analysis conservatively used the worst case scaling factor for all isotopes between the pre-uprate case and the uprate case.

For all noble gases (limiting chemical group), there will be a maximum 17.6 percent increase in effluent releases due to the core power uprate. Gaseous releases of Kr-85 in actuality will increase by approximately 11.4 percent. Isotopes with shorter half lives will have increases slightly greater than the percentage increase in power level. The decrease in RCS mass (approximately 5 percent) contributes to the increased concentration of this chemical group in the RCS (the primary removal term for the non-Kr-85 noble gases is decay in the RCS) such that the impact of power uprate is conservatively approximated at 17.6 percent. The impact of the power uprate in iodine releases is approximated by the power level increase. The other components of the gaseous release (that is, particulates via the building ventilation systems and