

comment once each week for four consecutive weeks. This Notice is being published in fulfillment of the requirement.

## I. Background

(a) Section 274d of the Act provides the mechanism for a State to assume regulatory authority, from the NRC, over certain radioactive materials<sup>1</sup> and activities that involve use of the materials.

In a letter dated August 21, 2002, former Governor McCallum certified that the State of Wisconsin has a program for the control of radiation hazards that is adequate to protect public health and safety within Wisconsin for the materials and activities specified in the proposed Agreement, and that the State desires to assume regulatory responsibility for these materials and activities. Included with the letter was the text of the proposed Agreement, which is shown in Appendix A to this Notice.

The radioactive materials and activities (which together are usually referred to as the "categories of materials") which the State of Wisconsin requests authority over are: (1) The possession and use of byproduct materials as defined in Section 11e.(1) of the Act; (2) the possession and use of source materials; and (3) the possession and use of special nuclear materials in quantities not sufficient to form a critical mass, as provided for in regulations or orders of the Commission.

(b) The proposed Agreement contains articles that:

- Specify the materials and activities over which authority is transferred;
- Specify the activities over which the Commission will retain regulatory authority;
- Continue the authority of the Commission to safeguard nuclear materials and restricted data;
- Commit the State of Wisconsin and NRC to exchange information as necessary to maintain coordinated and compatible programs;
- Provide for the reciprocal recognition of licenses;
- Provide for the suspension or termination of the Agreement; and
- Specify the effective date of the proposed Agreement.

The Commission reserves the option to modify the terms of the proposed Agreement in response to comments, to

correct errors, and to make editorial changes. The final text of the Agreement, with the effective date, will be published after the Agreement is approved by the Commission, and signed by the Chairman of the Commission and the Governor of Wisconsin.

(c) Wisconsin currently registers users of naturally-occurring and accelerator-produced radioactive materials. The regulatory program is authorized by law in section 3145, Subsection 254.34 of the revised Wisconsin Statutes. Subsection 254.335(1) provides the authority for the Governor to enter into an Agreement with the Commission. Wisconsin law (Subsection 254.335(2)) contains provisions for the orderly transfer of regulatory authority over affected licensees from NRC to the State. After the effective date of the Agreement, licenses issued by NRC would continue in effect as Wisconsin licenses until the licenses expire or are replaced by State-issued licenses.

(d) The NRC staff draft assessment finds that the Wisconsin program is adequate to protect public health and safety, and is compatible with the NRC program for the regulation of agreement materials.

## II. Summary of the NRC Staff Draft Assessment of the Wisconsin Program for the Control of Agreement Materials

NRC staff has examined the Wisconsin request for an Agreement with respect to the ability of the Wisconsin radiation control program to regulate agreement materials. The examination was based on the Commission's policy statement "Criteria for Guidance of States and NRC in Discontinuance of NRC Regulatory Authority and Assumption Thereof by States Through Agreement" (referred to herein as the "NRC criteria"), (46 FR 7540; January 23, 1981, as amended by policy statements published at 46 FR 36969; July 16, 1981 and at 48 FR 33376; July 21, 1983).

(a) *Organization and Personnel.* The agreement materials program will be located within the existing Radiation Protection Section (Program) of the Wisconsin Department of Health and Family Services. The Program will be responsible for all regulatory activities related to the proposed Agreement.

The educational requirements for the Program staff members are specified in the Wisconsin State personnel position descriptions, and meet the NRC criteria with respect to formal education or combined education and experience requirements. All current staff members hold at least bachelor's degrees in physical or life sciences, or have a

combination of education and experience at least equivalent to a bachelor's degree. Several staff members hold advanced degrees, and all staff members have had additional training plus working experience in radiation protection. Supervisory level staff have more than ten years working experience each, in radiation protection.

The Program currently has one staff vacancy, which they are actively recruiting to fill. The Program performed, and NRC staff reviewed, an analysis of the expected Program workload under the proposed Agreement. Based on the NRC staff review of the State's staff analysis, Wisconsin has an adequate number of staff to regulate radioactive materials under the terms of the Agreement. The Program will employ a staff of 9.5 full-time professional/technical and administrative employees for the agreement materials program. The distribution of the qualifications of the individual staff members will be balanced to the distribution of categories of licensees transferred from NRC. Each individual on the staff is qualified in accordance with the Program's training and qualification procedure to function in the areas of responsibility to which the individual is assigned.

(b) *Legislation and Regulations.* The Wisconsin Department of Health and Family Services (DHFS) is designated by law in Chapter 254 of the Wisconsin Revised Statutes to be the radiation control agency. The law provides the DHFS the authority to issue licenses, issue orders, conduct inspections, and to enforce compliance with regulations, license conditions, and orders. Licensees are required to provide access to inspectors. The DHFS is authorized to promulgate regulations.

The law requires the DHFS to adopt rules that are compatible with equivalent NRC regulations and that are equally stringent to the equivalent NRC regulations. Wisconsin has adopted HFS 157 Radiation Protection Code effective August 1, 2002. The NRC staff reviewed and forwarded comments on these regulations to the Wisconsin staff. The NRC staff review verified that, with the comments incorporated, the Wisconsin rules (and legally binding requirements) contain all of the provisions that are necessary in order to be compatible with the regulations of the NRC on the effective date of the Agreement between the State and the Commission. The DHFS has extended the effect of the rules, where appropriate, to apply to naturally occurring radioactive materials and to radioactive materials produced in particle accelerators, in

<sup>1</sup> The radioactive materials are: (a) Byproduct materials as defined in section 11e.(1) of the Act; (b) byproduct materials as defined in section 11e.(2) of the Act; (c) source materials as defined in section 11z. of the Act; and (d) special nuclear materials as defined in section 11aa. of the Act, restricted to quantities not sufficient to form a critical mass.