

Date: April 28, 2003

## SUMMARY OF INFORMATION COLLECTION REQUEST

Title: Nuclear Material Events Database (NMED) for the Collection of Event Report, Response, Analyses, and Follow-up Data on Events Involving the Use of Atomic Energy Act (AEA) Radioactive Byproduct Material

Current Burden/Responses: 945 hours/900 responses

Proposed Burden/Responses: 1,240 hours/620 responses

Frequency of Response: Monthly

Number of Respondents: 32

Reasons for Changes in Burden/Responses: The overall burden has increased by 295 hours from 945 to 1,240 hours due to an increase in the number of requests for additional clarifying information, increased demands for information reported under GPRA, and the increase of one additional Agreement State. Although the burden increased, the number of reports decreased by 300, from 900 to 600 reports due to the change in calculating the number of event reports reportable under the compatible Agreement State regulations, which previously included voluntary reports. The time required to respond to the information collection has been re-estimated and increased from 1 hour to 2 hours based on the increased need for additional information and more substantive information associated with assessing whether or not reportable events are generic and require further agency action. The cost for professional staff increased from \$90 to \$152 per hour.

Level of Concurrence: Director  
Office of State and Tribal Programs

Recordkeeping Requirements in Accordance with the Retention Periods for Records/Rule: NA

Search of the Information Requirements Control Automated System (IRCAS):  
IRCAS was searched, no duplication was found.

Abstract: NRC regulations require NRC licensees to report incidents and events involving the use of radioactive byproduct, source and special nuclear material, such as those involving a radiation overexposure, leaking or contaminated sealed source(s), release of excessive contamination of radioactive material, lost or stolen radioactive material, equipment failures, and abandoned well logging sources. Medical events are required to be reported in accordance with 10 CFR 35.3045. Agreement State licensees are also required to report these events and medical events to their individual Agreement State regulatory authorities under compatible Agreement State regulations. NRC is requesting that the Agreement States provide information on the initial notification, response actions, and follow-up investigations on all events involving the use of nuclear materials regulated pursuant to the Atomic Energy Act. The event information should be provided in a uniform electronic format. The consolidation of both NRC and Agreement State incident and event information, involving the use of AEA radioactive materials, into one single national database provides the capability for assessment and trending analysis. A national database provides

invaluable information for use in the identification of any facility/site specific or national generic safety concerns that could impact our ability to maintain public health and safety, and security. The identification and review of safety concerns may result in lessons learned, and may also identify generic issues for further study which could result in proposals for changes or revisions to technical or regulatory designs, processes, standards, guidance or requirements.

cc: B. St. Mary