

July 31, 2012

DRAFT SUMMARY OF INFORMATION COLLECTION REQUEST

Title: Nuclear Materials Event 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 (3150-0178)

Current Burden/Responses: 689 hours/669 responses

Proposed Burden/Responses: 745.5 hours/471 responses

Burden Attributable to Third Party Collections: n/a

Frequency of Response: On occasion

Number of Respondents: 37 Agreement States

Reasons for Changes in Burden/Responses:

The overall burden hours for the Agreement States have increased by 56.5 hours from 689 to 745.5. The number of estimated responses (reported events) has decreased from 669 to 471.

The estimated number of reported events is based on an annual average of the number of reported events, as reported by the NMED contractor, for fiscal years 2009 through 2011. The NRC staff expects to receive a similar number of reports annually during the next clearance cycle.

Although there was a decrease in the number of Agreement State nuclear material events, the NRC staff increased the estimated amount of time to prepare and provide the event information, resulting in an overall increase in burden. In the current submission, the NRC has increased the estimated burden to report an event of routine significance from 1 hour to 1.5 hours, and the estimated burden to report an event of higher significance from 2 hours to 3 hours. The burden estimate was increased based on NRC staff experience. In recent years, the staff has seen that an increasing number of events require submission of additional follow-up information and therefore require more time for the Agreement State to report.

Costs have increased due to an increase in the fee rate from \$238/hr to \$274/hr.

Level of Concurrence: Branch Chief, Rulemaking Branch A
Division of Intergovernmental Liaison and Rulemaking
Office of Federal and State Materials and Environmental Management Programs

Recordkeeping Requirements in Accordance with the Retention Periods for Records Rule

There are no recordkeeping requirements.

Abstract:

NRC regulations require NRC licensees to report incidents and events involving the use, transportation and security of radioactive byproduct material, and source material, such as those involving radiation overexposures, leaking or contaminated sealed source(s), release of excessive contamination of radioactive material, lost or stolen radioactive material, equipment failures, abandoned well logging sources and medical events. Agreement State licenses are also required to report these events to their individual Agreement State regulatory authorities under compatible Agreement State regulations. NRC is requesting that the Agreement States provide information to NRC on the initial notification, response actions, and follow-up investigations on events involving the use (including suspected theft or terrorist activities) of nuclear materials regulated pursuant to the Atomic Energy Act. The event information should be provided in a uniform electronic format, for assessment and identification of any facilities/site specific or generic safety concerns that could have the potential to impact public health and safety. 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.

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