

June 11, 2008

## DRAFT SUMMARY OF INFORMATION COLLECTION REQUEST

Title: Voluntary Reporting of Performance Indicators

Current Burden/Responses: 84,520 hours/449 responses (416 responses plus 33 recordkeepers)

Proposed Burden/Responses: 84,500 hours/442 responses (416 responses plus 26 recordkeepers)

Burden Attributable to Third-Party Collections: None

Frequency of Response: Quarterly

Number of Respondents: 104

Reasons for Changes in Burden/Responses:

The burden has decreased from 84,520 hours/449 responses (416 responses plus 33 recordkeepers) to 84,500 hours/442 responses (416 responses plus 26 recordkeepers), a decrease of 20 hours. The previous burden of 84,520 was based on 104 licensees responding quarterly at 200 hours per response (83,200 hours), plus 33 recordkeepers at 40 hours per recordkeeper (1,320 hours), for a total of 84,520 hours. The current burden of 84,500 hours is based on 104 licensees responding quarterly at 200 hours per response (83,200 hours), plus 26 recordkeepers at 50 hours per recordkeeper (1,300 hours), for a total of 84,500 hours.

A number of improvements to the PIs were recently recommended by a joint NRC/industry working group. These improvements added and deleted some reporting requirements. There were four changes that impacted the burden:

1. The working group determined that the NRC needed to consider the cumulative significance of system failures (unreliability) as well as the unavailability of five important safety systems to more accurately determine overall plant performance. Licensees already report unavailability information for four of the five safety systems. The group developed specific technical guidance for reporting both unreliability and unavailability for these five safety systems.

Licensees now report unavailability information for the new system (cooling water support), as well as unreliability information for the following systems: high-pressure injection, heat removal, residual heat removal, emergency AC power, and cooling water support.

As a result of these new reporting requirements, the burden increased from 40 to 50 hours per recordkeeper. This burden estimate was updated using input from NEI as of April 1, 2008.

2. The working group recommended, and the Commission agreed, that two security PIs be discontinued due to their marginal usefulness, given changes in the security inspection

program and the limited insights gained beyond information already required to be reported to the NRC.

3. The working group also recommended that one PI, the Unplanned Scrams with Loss of Normal Heat Removal, be modified and renamed, Unplanned Scrams with Complications. The modified PI reduces industry burden, uses broader performance measures, and uses more current performance, 1-year rolling time-frame instead of 3 years.
4. Industry burden was further reduced by consolidation within the industry resulting in fewer (33 to 26) recordkeepers.

Level of Concurrence: Director  
Division of Inspection and Regional Support  
Office of Nuclear Reactor Regulation

Effort to Identify Duplication and to use Similar Information:

The PIs were selected to maximize insights into licensee performance, thus they track specific performance over predetermined periods. Although licensees may report similar information for 4 of the 17 indicators, this information is usually not reported timely enough or in sufficient detail to properly characterize issues to meet the requirements of the ROP. The industry expressed a strong preference, and continues to support this preference, to report PIs separately from other reporting requirements to expedite the development and implementation of the ROP.

Abstract:

As part of a joint industry-NRC initiative, the NRC receives information submitted voluntarily by power reactor licensees regarding selected performance attributes known as performance indicators (PIs). PIs are objective measures of the performance of licensee systems or programs. The NRC's reactor oversight process uses PI information, along with the results of inspections, as the basis for NRC conclusions regarding plant performance and necessary regulatory response. Licensees transmit PIs electronically to reduce burden on themselves and the NRC.