

REQUEST REPLY BY 1/11/2000



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

COMSECY-99-042

December 22, 1999

Approved with comments.

MEMORANDUM TO: Chairman Meserve  
Commissioner Dicus  
Commissioner Diaz  
Commissioner McGaffigan  
Commissioner Merrifield

*[Signature]*  
Richard A. Meserve 1/18/00

FROM: Jesse L. Funches *[Signature]*  
Chief Financial Officer

SUBJECT: DRAFT NUCLEAR REACTOR SAFETY CHAPTER OF THE  
STRATEGIC PLAN

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On July 7, 1999, I provided the Commission with the draft Nuclear Reactor Safety chapter of the Strategic Plan and asked approval to release the document to stakeholders for public comment and in preparation for the August stakeholder's workshop (COMSECY-99-024). The August 2, 1999, Staff Requirements Memorandum (SRM) on COMSECY-99-024 approved seeking stakeholder comments and directed the staff to address a number of issues concerning that draft chapter.

On October 21, 1999, I provided the Commission with a summary of the stakeholder comments on the draft Nuclear Reactor Safety chapter and the staff responses to those comments as well as to the items in the August 2, 1999, SRM. At that time, I had indicated that we planned to provide the revised draft Nuclear Reactor Safety chapter along with the complete draft strategic plan to the Commission in February 2000. However, we are able to provide the revised draft Nuclear Reactor Safety chapter of the Strategic Plan (Attachment 1) earlier than anticipated. This draft reflects revisions made to respond to stakeholder comments and items in the August 2, 1999, SRM. In developing this revised draft, the staff also considered progress on the Nuclear Waste Safety and Nuclear Materials Safety chapters in further refining strategies and measures for all four performance goals.

The Executive Council has reviewed the draft Nuclear Reactor Safety chapter and has approved its transmittal to the Commission. As with the Nuclear Waste Safety and Nuclear Materials Safety chapters, the Commission need not formally endorse the Nuclear Reactor Safety chapter until it is provided as part of the formal update of the entire strategic plan.

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RELEASED TO THE PDR  
2/22/00 *DKW*  
date initials

DFOS

COMMENTS OF CHAIRMAN MESERVE REGARDING:

COMSECY-99-036 (Draft Nuclear Waste Safety chapter)

COMSECY-99-038 (Draft Nuclear Materials Safety chapter)

COMSECY-99-042 (Draft Nuclear Reactor Safety chapter)

The draft chapters reflect the significant effort that staff has invested in developing a strategic plan that will fulfill our planning obligation. Much has been accomplished. However, in continuing to refine the strategic plan, staff should undertake the following steps:

1. Where possible, and there is benefit to the agency, the plan should include more specificity and examples. This would ensure a better understanding of our efforts. Additional concreteness will also enable clearer policy guidance for the development of agency budgets over the time frame of the strategic plan.
2. Staff should strive for a portfolio of measures and metrics that will enable an on-going assessment of performance and progress. I share Commissioner Merrifield's concerns about the binary nature of some of the measures - a random event could define failure. Continuous measures would better enable assessment of progress toward the accomplishment of the goals. Also, as reflected in the stakeholders comment document on the draft reactor safety chapter, staff should consider creating measures which relate to assessing the quality of various products. In short, the type and balance of measures and metrics should continue to be evaluated.
3. Each measure/metric will create obligations for data collection, analysis, and quality control. The staff should seek to achieve a balance; there should be sufficient number and diversity of measures and metrics to enable an informed assessment of progress but not so many that a needless burden is created.
4. There currently are a number of inconsistencies among the chapters (e.g., performance goal definitions, strategy development and content, linkage, etc.). The integration of the chapters into a common document should be undertaken with a focus on achieving the necessary consistency. Where there are necessary differences, including differences in the priorities of the performance goals, the plan should clearly articulate the context so that the reader can understand the reasons for those differences.
5. Specific arena comments:

Reactor arena: This chapter reflects progress made in the transition to a results-oriented environment. It reflects improvements in the measures and the improved clarity of those measures, and in the identification of key areas and priorities for the arena. It is unclear why the performance goal measure relating to the completion of a comprehensive evaluation of the effectiveness of the revised reactor oversight program in FY 2001(#6) was eliminated. Staff should also consider the role and contribution of the regions in the achievement of the goals.

Materials arena: The safety performance goal measures, metrics, and the narrative concerning the communication of materials risk to the public can be improved. For example, the narrative may imply that the agency is basing its performance on statistical significance and not on the health and safety of individuals. There also is not a clear articulation of the role and contribution of the Agreement States and the regions in the achievement of the goals.

Waste arena: The arena does not explicitly address the long-term impacts of decommissioning and waste disposal or the issues relating to intergenerational equity. Although intergenerational equity of health risks is inferred in the strategic goal, the chapter does not include discussion or measures. As is the case in the materials chapter, there should be a clear articulation of the role and contribution of the Agreement States in the achievement of the goals.