

**SFPO/NEI MEETING: STANDARD TECHNICAL
SPECIFICATIONS
FOCUS ON FUEL SPECIFICATIONS
July 20, 2000**

Agenda:

Introductions and Overview of STS Review Philosophy (SFPO)

Schedule for Staff Review of Remaining STS Areas (SFPO)

Discussion of Fuel Specifications Issues (SFPO)

Presentation on Fuel Specifications (NEI)

Summary and Follow-up Actions/Meetings (SFPO/NEI)

OVERVIEW OF STS REVIEW PHILOSOPHY

Fundamental Safety Criteria for STS Items-SFPO/NEI Agreement

- **Maintain subcriticality**
- **Prevent Release of Radioactive Material**
- **Ensure Radiation Rates and Doses do not Exceed Limits**
- **Maintain Retrievability of Stored Radioactive Materials**

SFPO Review and Approval of STS-Modular Schedule Beginning with Fuel Specifications.

SFPO PRELIMINARY STS REVIEW SCHEDULE

<u>Module/Area:</u>	<u>Target Date</u>
1. Fuel Specifications:	09/00
2. Rad. Effluent Control Prog.	09/00
3. Cask Load/Unloading, Prep. Prog.	10/00
4. Cask Transportation. Eval. Prog.	11/00
5. Cask Storage Integrity Prog.	11/00
6. Design Requirements	11/00
7. Remaining Review Issues/Areas	12/00

Fuel Specifications

- **Minimizing TS Parameters Requires Enhanced Analyses, Detailed Methodologies**
- **SFPO Believes that Number of TS Parameters can be Reduced and Supporting Analysis Can be Provided**
- **Approval of Application of Methodologies for Design and Change Process**
- **Staff will Discuss Details and Examples of Above**
- **Timely Resolution will Require Additional Interface Between SFPO and Industry Criticality Specialists.**

Talking Points for NEI/NMSS STS Meeting

- 1. Item (c) (Attachment 5) of the proposed functional and operating limits and the associated definition of fuel type are vague. Need to discuss substitutes or additions to better reflect parameters important to fuel reactivity and how they would be supported.**
- 2. Options for referencing, approving, and changing methodologies. The implementation of the revision to 10 CFR 72.48 should be considered also.**
- 3. The number, types, and ranges of fuel parameters included in the STS versus the level of detail included in the SAR. The limits of generic applicability for chosen parameters. The role of supporting sensitivity analyses in reducing the number of parameters.**

Talking Points for NEI/NMSS STS Meeting (contd.)

- 4. The need for guidance for criticality analyses consistent with the expected change in level of detail in the SAR.**
- 5. The concept of a “bounding” criticality analysis needs discussion (e.g., will increases in k_{eff} be considered “bounded” if it does not exceed 0.95?).**
- 6. Discuss the use of the term “item” in Items (a) and (b) of Attachment 5.**
- 7. The need to maintain certain cask design features and operational requirements in the TS.**
- 8. The value of benchmarking the proposed STS against a recently approved TS.**

