

USED FUEL STORAGE AND TRANSPORTATION ISSUE RESOLUTION PLAN

Issue Number: I-10-01

Title: PWR Fuel Top Nozzle Stress Corrosion Cracking

I. Summary of Resolution Plan

Industry and NRC will conduct a sequence of public interactions to reach the following goals:

1. Industry and NRC to decide if storage and transportation license/CoC amendments are required for the four variants of SCC-susceptible fuel assemblies listed above under 10 CFR 71 and 72.
2. Industry and NRC agree on the technical aspects that must be addressed in the supporting analyses and evaluations, and what form the potential analyses/evaluations should take.

The interactions and final products will be documented for easy retrieval by both industry and NRC.

II. Actions and Due Dates

| ACTION | Responsibility | DUE DATE |
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| Industry/NRC public meeting to review screening form and resolution plan. Goals and deliverables for next public meeting are outlined. | Industry/NRC | August 20, 2010 (Complete) |
| Industry documents their position on the necessity of license/CoC amendments for the four variants of SCC-susceptible fuel under 10 CFR 71 and 72, and provides a position paper to NRC in preparation for subsequent public meeting. The position paper will provide a listing of proposed regulatory success paths that specify which fuel requires a license/CoC amendment to store and transport under 10 CFR 72 and 10 CFR 71. | Industry | August 27, 2010 |
| Industry/NRC public meeting with the following desired outcomes: <ul style="list-style-type: none"> • Reach consensus for when license/CoC amendments are appropriate for the different SCC-susceptible fuel assembly variants. • Discuss the scope of the analyses and evaluations required either to be submitted to NRC with a license/CoC amendment or to be retained for future NRC inspection, for the different SCC-susceptible fuel variants. • Discuss the most efficient approaches to submitting the analyses and evaluations in support of license/CoC amendments (e.g., topical report). | Industry/NRC | September 16, 2010 |
| Document the common understanding achieved during the September public meeting. | Industry/NRC | October 11, 2010 |
| Industry/NRC public meeting with the following desired outcomes: <ul style="list-style-type: none"> • to reach consensus on the content of supporting analyses • to reach consensus for documenting the final agreements reached in resolving this issue (i.e., the products) such that this information is readily retrievable by NRC Headquarters, Regions, and industry. • identify future actions within standard regulatory processes (e.g. license/CoC amendments and analyses/evaluations). | Industry/NRC | Approximately 4 weeks after previous meeting |

III. Date: 8/26/10