

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
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 (Complete)
Industry/NRC public meeting with the following desired outcomes: <ul style="list-style-type: none">• Discuss Industry white paper regarding 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 potential ways in which Industry and NRC can interact on the analyses and evaluations in support of license/CoC amendments and inspections (e.g., topical report, "real time" inspections during fuel classification).	Industry/NRC	September 16, 2010 (Complete)
Industry develops a separate white paper breaking out the discussion of whether guide tube anchors, ITTRs, and similar devices are "contents" and, as such, require license/CoC amendments.	Industry	November 9, 2010 (Complete)
Industry/NRC public meeting, if necessary, to discuss NRC's decision on Industry "contents" white paper and the form NRC's decision should take.	Industry/NRC	TBD (if necessary)
Document the NRC's decision on Industry "contents" white paper.	NRC	December 31, 2010
Industry provides a proposal for the framework of analyses and evaluations required to classify susceptible fuel assemblies, including a plan for NRC involvement.	Industry	February 28, 2011

USED FUEL STORAGE AND TRANSPORTATION ISSUE RESOLUTION PLAN

Issue Number: I-10-01

Title: PWR Fuel Top Nozzle Stress Corrosion Cracking

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 industry proposal is submitted

III. Date: 11/9/10