

Teleconference on GALL-SLR (Generic Aging Lessons Learned Report for Subsequent License Renewal) Production Tool

Office of Nuclear Reactor Regulation
Division of License Renewal

June 18, 2015

9:00 AM- 12:00 PM

877-597-9046, Passcode: 40587# or HQ-OWFN-11B02

Purpose of Meeting



- To inform external stakeholders of:
 - The Production Tool for generating
 - Tables for GALL-SLR and SRP-SLR (Standard Review Plan for Review of Subsequent License Renewal Applications for Nuclear Power Plants)
 - Future GALL Master and SRP Master Excel spreadsheet
- To get comments on the most useful table information for preparing applications for subsequent license renewal (SLR)

The Production Tool



- **Began with GALL Master spreadsheet for GALL Rev. 2**
 - Added all new line items from approved ISGs since GALL Rev 2
 - Added columns for tracking status of proposed changes, comments, source, technical basis, and producing tables (not shown in example)
 - New Excel tab for SRP tables. Links from GALL item to SRP item
 - New columns for new items, changed items and deleted items (Yes or No)

The Production Tool (cont)

- Did manual “track changes,” strikethrough font for deletions, double underline for new
- Green bar at top shows columns in GALL and SRP
- Example Production Tool only shows part of GALL-SLR Chapter IV tables and corresponding SRP section 3.1 tables
- AMPs and further evaluation columns are blank in example

Other Topics for Discussion

OPTIONS OR QUESTIONS	NRC PREFERRED
Revised environmental classifications for “air” and possibly “water”	Revision best proposed by industry
Indication of whether item is new, modified, or deleted	First column with N (new), M (modified), D (deleted) or blank (no change)
Letter for new items for SLR (like the “P” in GALL 2 numbers for new items)	No letter. Indicate an item is new in first column
2 nd column called “Link” in GALL 2 that gave item number in previous GALL edition	No link column. The Disposition of Public Comments/Technical Basis NUREG will provide GALL 0, GALL Rev 1, GALL Rev 2, and GALL- SLR tables
Use the terms “aluminum alloy,” “copper alloy,” “titanium alloy”	Use the terms aluminum, copper, and titanium and define in Chapter 9

Comparison of Environment Classifications for “Air”

Environment	Description	GALL Comparison
Air-indoor	Air in an environment protected from precipitation.	
Air – Indoor, Controlled	The Air – Indoor, Controlled environment is one in which the specified internal or external surface of the component or structure is exposed to a humidity-controlled (i.e., air conditioned) environment. For electrical purposes, control must be sufficient to eliminate the cited aging effects of contamination and oxidation without affecting the resistance.	Air – indoor, controlled or uncontrolled Air – indoor, controlled or uncontrolled or Air – outdoor
Air – Indoor, Uncontrolled	The Air - Indoor Uncontrolled environment is for indoor locations that are sheltered or protected from weather. It is associated with systems with temperatures higher than the dew point (i.e. condensation can occur, but only rarely); equipment and surfaces are normally dry.	Air Air - indoor, uncontrolled Air – indoor, uncontrolled or Air – outdoor Air – indoor, uncontrolled or Air – outdoor or Ground water/soil System temperature up to 288°C (550°F) Any environment Various
Air-Indoor Controlled	The environment to which the specified internal or external surface of the component or structure is exposed: indoor air in a humidity controlled (e.g., air conditioned) environment.	
Air-Indoor Uncontrolled	Indoor air on systems with temperatures higher than the dew point, i.e., condensation can occur but only rarely, equipment surfaces are normally dry.	

Summary



- Questions?
- Action Items