
RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION

APR1400 Design Certification

Korea Electric Power Corporation / Korea Hydro & Nuclear Power Co., LTD

Docket No. 52-046

RAI No.: 509-8591
SRP Section: 16 - Technical Specifications
Application Section: 16
Date of RAI Issue: 08/01/2016

Question No. 16-213

Paragraph (a)(11) of 10 CFR 52.47 states that a design certification (DC) applicant is to propose Technical Specifications (TS) prepared in accordance with 10 CFR 50.36 and 50.36a. NUREG-1432, "Standard Technical Specifications (STS)-Combustion Engineering Plants," Rev. 4, provides NRC guidance on format and content of technical specifications as one acceptable means to meet 10 CFR 50.36 requirements. Staff needs to evaluate all technical differences from standard TS (STS) NUREG-1432, STS Combustion Engineering Plants, Rev. 4, which is referenced by the DC applicant in DCD Tier 2 Section 16.1, and the docketed rationale for each difference because conformance to STS provisions is used in the safety review as the initial point of guidance for evaluating the adequacy of the generic TS to ensure adequate protection of public health and safety, and the completeness and accuracy of the generic TS Bases.

The Writer's Guide for Plant-Specific Improved Technical Specifications (TSTF-GG-05-01) also provides guidance for the format and content of the TS. There are format and content differences between the DCD and the Writer's Guide. These following corrections are necessary to ensure the completeness and accuracy of the TS and Bases.

Correct the formatting of a Surveillance Requirement (SR) within Technical Specification (TS) 3.7.10.

Section 2.5.6.b.3 of the Writer's Guide for Plant Specific Improved Technical Specifications states "Each Surveillance begins with the flush left Surveillance number consisting of the label "SR," two blank spaces and the Specification number followed by one or more additional digits." For SR 3.7.10.2, there is only 1 space between "SR" and "3.7.10.2".

This correction is required to ensure the correct formatting of SR 3.7.10.2.

Response

SR 3.7.10.2 will be revised to have two blank spaces between "SR" and "3.7.10.2".

Impact on DCD

Same as changes described in Impact on Technical Specifications section.

Impact on PRA

There is no impact on the PRA.

Impact on Technical Specifications

SR 3.7.10.2 will be revised as indicated in the attachment.

Impact on Technical/Topical/Environmental Reports

There is no impact on any Technical, Topical, or Environmental Report.

3.7 PLANT SYSTEMS

3.7.10 Essential Chilled Water System (ECWS)

LCO 3.7.10 Two ECWS divisions shall be OPERABLE.

APPLICABILITY: MODES 1, 2, 3, and 4.

ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. One ECWS division inoperable.	A.1 Restore ECWS division to OPERABLE status.	7 days
B. Required Action and associated Completion Time not met.	B.1 Be in MODE 3.	6 hours
	<u>AND</u> B.2 Be in MODE 5.	36 hours

SURVEILLANCE REQUIREMENTS

SURVEILLANCE	FREQUENCY
SR 3.7.10.1 ----- NOTE ----- Isolation of ECW flow to individual components does not render the ECWS inoperable ----- Verify each ECWS manual, power-operated, and automatic valve in the flow path that is not locked, sealed, or otherwise secured in position, is in correct position.	31 days
SR 3.7.10.2 Verify proper actuation of each ECWS component on an actual or simulated actuation signal.	18 months



"Insert one blank space"