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## 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.: 250-8282  
SRP Section: 18 – Human Factors Engineering  
Application Section: 18.6 Treatment of Important Human Actions (TIHAs)  
Date of RAI Issue: 10/14/2015

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### **Question No. 18-29**

Section 18.III, “Review Procedures,” of NUREG-0800, states in part that elements approved at the implementation plan level require summary information in the DCD and a more detailed implementation plan to be submitted on the docket.

The TIHA IP, Revision 0, was submitted on the docket and reviewed by the staff; however, DCD Tier 2 Section 18.6, “Treatment of Important Human Actions,” does not state that the TIHA program element will be carried out in accordance with the TIHA IP. DCD Tier 2 Section 18.4, “Task Analysis,” does state that the task analysis will be carried out in accordance with the TA IP.

Revise the DCD Tier 2 Section 18.6 to clearly state that the TIHA program element will be carried out in accordance with the TIHA IP.

### **Response**

DCD Tier 2 Section 18.6.1 already states that “The IP also provides an overview of how IHAs are addressed in subsequent APR1400 HFE program elements per NUREG-0711, (Reference 2) the details of how IHAs are treated is provided in the IPs for each of the HFE program’s elements”.

Therefore, there is no need to revise DCD Tier 2, Section 18.6.

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### **Impact on DCD**

There is no impact on the DCD.

**Impact on PRA**

There is no impact on the PRA.

**Impact on Technical Specifications**

There is no impact on the Technical Specifications.

**Impact on Technical/Topical/Environmental Reports**

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