

# ITAAC Closure Notifications Examples Review

August 16, 2012

Ed Kleeh, PE  
Mahmoud Jardaneh, PE  
NRO/DCIP/CITB

# Scope

- Industry submits ICN examples as part of the Expanded ICN Examples Project
- NRC reviews these examples for sufficient information to support ITAAC closure verification
- Initial scope of the project is to develop 27 ICN examples
- Additional ICN examples have been added to the project (2 Site Specific + 3 Generic)
- 58 examples will be included in NEI 08-01 (22 existing + 4 unique ITAAC Demo + 27 proposed + 5 Additional)

# ICN Example Review Results

- ICN for AP1000 ITAAC 2.3.19.02a
- Group D42
- Plant Page System ITAAC
- ICN has sufficient information to support ITAAC closure verification

# ICN Example Review Results

- ICN for AP1000 ITAAC 2.1.02.05b
- Group D46
- As-Built Meets Functional Capability Requirements ITAAC
- Since the ASME process does not specify how to meet functional capability, more explanation of what has been completed should be discussed in the ITAAC Determination Basis section
- Similar to previously submitted Example D29

# ICN Example Review Results

- ICN for AP1000 ITAAC 2.3.05.03a.ii
- Group D54
- Crane Single Failure Proof Testing ITAAC
- ICN has sufficient information to support ITAAC closure verification

# ICN Example Review Results

- ICN for AP1000 ITAAC 2.2.03.08c.x
- Group D100
- Containment Coating and Transportable Material Density ITAAC
- If inspection of protective coating is completed at other than the final installed location, the ICN should point to the specific section in NEI 08-01 for the basis or provide the technical justification

# ICN Example Review Results

- ICN for AP1000 ITAAC 2.2.03.08c.x (Continued)
- The list of inspections required to verify the ITAAC should reflect the requirement that signs and tags need to be made of steel or metal
- ICN has sufficient information to support ITAAC closure verification (noting that a transport analysis is not required and the statement listing caulking as made of steel is a typographical error)

# ICN Example Review Results

- ICN for AP1000 ITAAC 3.3.00.02a.ii.d
- Example D101
- Inspection of As-Built Concrete Wall Thickness  
ITAAC
- The staff recognizes that there is an issue still pending regarding the basemat thickness tolerance
- ICN has sufficient information to support ITAAC closure verification



# ICN Example Review Results

- ICN for AP1000 ITAAC 3.3.00.05b
- Example D102
- Aux. Building Room Boundaries Flood Barrier ITAAC
- ICN has sufficient information to support ITAAC closure verification

# Next Steps for Expanded ICN Effort

- Before incorporating the new ICN examples into NEI 08-01, all previously provided general comments should be addressed
- Resubmit ICN examples (D36, D38, D39, D46) for NRC review
- Submits the remaining ICN examples (D33, D41, D52) for NRC review
- Industry and NRC explore the possibility of revising some of the ICN examples in NEI 08-01

# Referenced ICN Examples ML Numbers

● D42	ML12228A515
● D46	ML12228A598
● D54	ML12228A512
● D100	ML12227A881
● D101	ML12228A597
● D102	ML12228A596