

# **New Plant QA Task Force Meeting with NRC**

April 3, 2007



## **Information Items for Meeting**

- **Industry Efforts related to Vendor Audits**
- **Overview of New Plant QA Task Force efforts**



## **Vendor Audit and Support**

- **Vendor Audit**
  - **NUPIC**
  - **NIAC**
  - **Develop approach (In process)**
  
- **Industry Oversight of COL Vendors**
  - **NuStart/NUPIC audits (e.g. Westinghouse, GE and Enercon)**
  - **Utilities have used NUPIC audits to qualify suppliers**
  - **Additional supplier audits and surveillances planned for new plant scope of work.**
  
- **Oversight of Design and Material Suppliers**
  - **Will use recent experience from major equipment replacement**
  - **Schedule will be developed following contractual commitment**



3

## **New Vendor Support**

- **NEI is planning supplier workshops later this year.**
  
- **Purpose of workshops will be to educate suppliers on need for their services as part of the new build effort.**
  
- **We will identify the QA requirements.**
  
- **Identify supplier roles and responsibilities in the QA area.**



4

## **New Plant QA TF Charter**

### **Develop Standardized Template for QAPD**

- **QAPD submitted last year.**
- **NRC In process of review and approval**

## **New Plant QA TF Charter**

### **Evaluate and determine the necessary guidance for utilities to use for QA activities**

- **Planned activity**

## **New Plant QA TF Charter**

**Evaluate and Determine the extent of Standardization that can be done for the construction and operational phase**

- **Lessons Learned**
- **Vendor Qualifications and Support**
- **Developing Nuclear Quality Assurance Professionals**

## **New Plant QA TF Charter**

**Work with the NRC to comment on Standard Review Plan and DG- 1145 (RG 1.206)**

- **Industry comments provided for both SRP and DG-1145 (Complete)**
- **Reviewing current SRP 17.5**

## **New Plant QA TF Charter**

**Evaluate and Determine QA Involvement In  
ITAAC activities**

## **New Plant QA TF Charter**

### **Sub Groups effort**

- **Lessons Learned**
- **Vendor Qualifications and Support**
- **Developing Nuclear Quality Assurance  
Professionals**

## **Lessons Learned**

- **Review all past and present construction operating experience**
  - ✓ **NUREG-1055**
  - ✓ **Information Notice 2007-04**
  - ✓ **Past INPO Construction Evaluations**
  - ✓ **Louisiana Energy Services Project**
  - ✓ **STUK Investigation Report**
  - ✓ **etc.**
- **Place information in a template to categorize the issues, determine if sufficient action has been taken, and determine if any additional actions are necessary.**

## **Vendor Qualifications and Support**

- **Define QA Vendor Requirements (complete)**
- **Show the delta between NQA-1 (1994) and ISO-9000**
- **Support for Supplier meetings**

## **Develop Nuclear QA Professionals**

- **Identify the requirements for inspection, test, and audit personnel (Complete)**
- **Standardize the implementation of the requirements for QA Professionals**
- **Determine the necessary amount of OJT**
- **Do a job/task analysis of the QA professionals requirements**
- **Determine the necessary curriculum or classes that would be needed to attain certification/graduation**
- **Recruiting of potential QA professionals**



13

## **Miscellaneous Items**

- **Explore utilizing NEI 06-14 for current operating licensees to move to NQA-1 (1994). Desire to simplify and expedite the process.**
- **Results of Subgroup efforts could require discussions with NRC**
- **NUPIC/NRC Protocol**



14