

## TRANSMITTAL OF MEETING HANDOUT MATERIALS FOR IMMEDIATE PLACEMENT IN THE PUBLIC DOMAIN

*This form is to be filled out (typed or hand-printed) by the person who announced the meeting (i.e., the person who issued the meeting notice). The completed form, and the attached copy of meeting handout materials, will be sent to the Document Control Desk on the same day of the meeting; under no circumstances will this be done later than the working day after the meeting.  
**Do not include proprietary materials.***

**DATE OF MEETING**

**11/05/2003**

The attached document(s), which was/were handed out in this meeting, is/are to be placed in the public domain as soon as possible. The minutes of the meeting will be issued in the near future. Following are administrative details regarding this meeting:

Docket Number(s)

Plant/Facility Name

**Nuclear Energy Institute (NEI)**

TAC Number(s) (if available)

Reference Meeting Notice

**2003-0820**

Purpose of Meeting  
(copy from meeting notice)

**Category 2 meeting to discuss the status of the  
construction inspection program.**

NAME OF PERSON WHO ISSUED MEETING NOTICE

**Joe Sebrosky**

TITLE

**Senior Project Manager**

OFFICE

**NRR**

DIVISION

**DRIP**

BRANCH

**RNRP**

Distribution of this form and attachments:

Docket File/Central File

**PUBLIC**



# NRC Construction Inspection Program

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# Purpose

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- Provide an overview of the NRC CIP development
- Discuss how you can help the NRC be efficient in its regulatory role



# Development of the CIP

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- Builds on work from 1996
- Uses a team approach – regions and headquarters / steering committee
- Overview
  - Framework document
  - Inspection Manual Chapters
  - Inspection Procedures



# Framework Document

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- Formal documentation of basis for subsequent inspection guidance
- Public comment ended October 30
- Subject of public workshop in August
- Subject of discussion during upcoming public meeting with NEI
- Issue date – March / April 2004



# CIP Framework Document

## Five major Inspection Manual Chapters

- IMC-2500 overall for Part 52 licensing process
- IMC-2501 for Early Site Permits
- IMC-2502 Combined License
- IMC-2503 ITAAC
- IMC-2504 Preparation for Operation



# How will we do it?

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- It depends.....
  - The design selected
  - The number of fabricators selected
  - The location of fabricators



# CIP Challenges

- Work associated with IMC-2503, "ITAAC"
- Modular Construction Techniques
  - Aggressive construction schedules
  - Location of construction activity
  - Timing of inspections to support ITAAC conclusions
- Infrastructure needs
  - Inspection skills
  - Detailed inspection procedures





# NRC Needs

- Construction Inspection Program Information Management System (CIPIMS)

Collect, organize, manage and generate reports

Tie inspection results and findings to NRC ITAAC verifications

- Detailed construction schedules as early in the process as possible
- Construction schedule for onsite as well as offsite activities
  - Coding scheme very important



# NRC Needs

- Detailed Inspection Procedures
  - Design-specific inspection procedures
  - Need to know design as soon as possible
  - SECY-01-188, “Future Licensing and Inspection Readiness Assessment (FLIRA)”
  - Lead time for development



# NRC Needs

## Opportunities for developing inspector skills

- On-going construction at fuel cycle facilities
  - MOX fuel fabrication facility
  - Enrichment facility construction
- Browns Ferry Unit 1 restart



# What's next?

- Finalize the framework document
- Test CIPIMS
- Observe construction in progress (particularly modular construction)
- Complete Manual Chapters
- Complete change summaries for Inspection Procedures