

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

TAC Number(s) (if available)

Reference Meeting Notice

Purpose of Meeting
(copy from meeting notice)

Nuclear Energy Institute (NEI)

2003-0820

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

- 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

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



Framework Document

- 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?

- 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