ITAAC Inspection Scheduling Workshop
April 2, 2008

U.S.NRC
United States Nuclear Regulatory Commission
Protecting People and the Environment

Meeting Agenda

- 1:00 – 1:15 Introductions & Opening Remarks
- 1:15 – 2:15 NRC ITAAC Inspection Scheduling Overview
- 2:15 – 3:15 Industry ITAAC Scheduling Overview
- 3:15 – 3:30 Break
- 3:30 – 4:15 Control of Proprietary Information
- 4:15 – 4:45 Future Meeting Agenda Development
- 4:45 – 5:00 Closing Remarks

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Introduction and Opening Remarks

Tony Gody
Deputy Director, DCP/RII

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- **Vision**
- **Goals**
  - **Continue to build on our past success**
  - **Working together to build common understanding**

Introductions & Opening Remarks

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ITAAC Inspection Scheduling Overview

Alan Blamey
Chief, RII CPB2

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- **Effectively inspect and close ITAAC**
  - Right Inspector/Right Place/Right Time
  - Schedule closure reviews of ITAAC
- **Minimize licensee burden, where appropriate**
- **Facilitate data transfer of proprietary schedules**
- **Pilot schedule methodology in summer 2008**
- **Implementation plans in place fall 2008**

NRC Roadmap to Success

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ITAAC Inspection Scheduling

ITAAC Matrix (Family) Framework

	A)As-Built Insp	B) Welding	C)Const Testing	D) Opn Testing	E)Qual Criteria	F)Design /Fab Req
01)Foundations & Buildings	A01	B01	C01	D01	E01	F01
02)Struc Conc	A02	B02	C02	D02	E02	F02
03)Piping	A03	B03	C03	D03	E03	F03
04)Pipe Spt & Restraints	A04	B04	C04	D04	E04	F04
05)RPV & Int'ls	A05	B05	C05	D05	E05	F05
06)Mech Comp	A06	B06	C06	D06	E06	F06
07)Valves	A07	B07	C07	D07	E07	F07
08)Elec Comp & Systems	A08	B08	C08	D08	E08	F08
09)Elec Cable	A09	B09	C09	D09	E09	F09
10)I&C Comp & Systems	A10	B10	C10	D10	E10	F10
11)Containment Integrity & Pen's	A11	B11	C11	D11	E11	F11
12)HVAC	A12	B12	C12	D12	E12	F12
13)Eqp Handle & Fuel Racks	A13	B13	C13	D13	E13	F13
14)Complex Sys w/ Multi-Comp	A14	B14	C14	D14	E14	F14
15)Fire Prot	A15	B15	C15	D15	E15	F15
16)Engineering	A16	B16	C16	D16	E16	F16
17)Security	A17	B17	C17	D17	E17	F17
18)EP	A18	B18	C18	D18	E18	F18
19) Rad Prot	A19	B19	C19	D19	E19	F19

(1) Classify and combine ITAAC by common activity (ITAAC family).

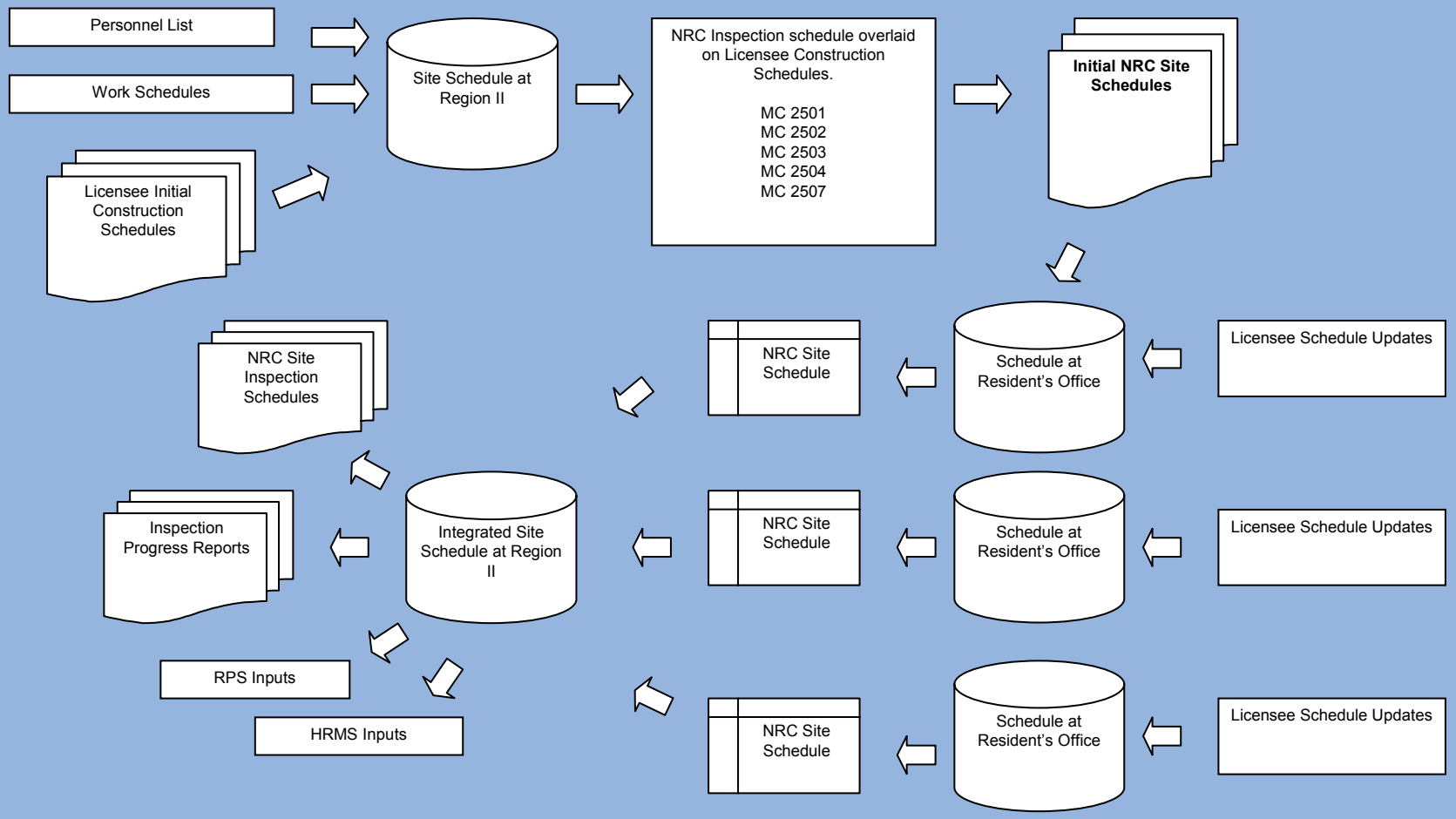
(2) Rank ITAAC by the value of inspection.

(3) Develop ITAAC Family Inspection Strategies for the highly ranked ITAAC (Targeted ITAAC).

(4) Schedule the discrete samples for the targeted ITAAC in the construction schedule.

(5) Overlay non target ITAAC on the Schedule to assist in family closeout.

ITAAC Inspection Scheduling



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- **Challenges**
  - Obtain best estimate schedules for each plant design
  - Obtain best estimate schedules for each site
  - Obtain an ITAAC closure schedule for each site
  - Module fabrication information (locations/schedules)
  - Inspection of System, Structure, or Component qualification in support of a specific design.

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- **NRC Needs**
  - Effectively implement ITAAC inspections (correct inspection at correct time).
  - Real time updates as schedule moves.

- **Industry Benefits**
  - Focus appropriate resources on ITAAC inspection / closure activities (on-site as well as off-site fabrication facilities).
  - Optimize NRC applicant interface on schedule.
  - Minimize impact on licensee schedule organization.
  - Enhance sharing of ITAAC lessons learned to the extent possible.

ITAAC Inspection Scheduling Overview

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CIP Scheduling History

Carl Konzman

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- **Primavera to Microsoft Project via Primavera SureTrack**

- **NEI (Industry) and NRC recognize need to collaborate**
  - Areas identified to improve effectiveness, efficiency, and realism in industry/NRC relationships, communications, and activities:
    - Activity ID Schema
    - Grouping Schema
    - Activity Type Schema
    - Component Schema
    - Location Schema
    - ITAAC Mapping
    - Inspection Point Mapping
    - Work Item Status

CIP Scheduling History

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- **Primavera/EPM Technologies**

Applicant	NRC
Primavera scheduling tools (e.g. P3, P5 and P6)	**EPM (Microsoft Project Professional 2007/forProject/Project Server 2007/SharePoint 2007/SQL Server 2005)**
E-Mail	**E-Mail (Microsoft Outlook)**

CIP Scheduling History

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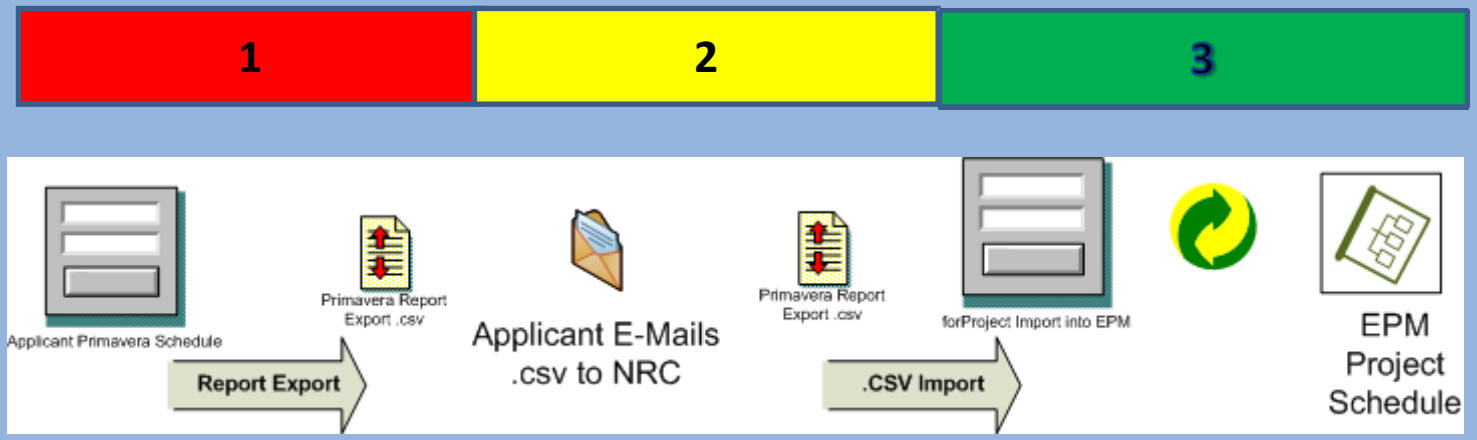
- **Proof – Of - Concept**



CIP Scheduling History

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Control of Proprietary Information

Wren Fowler
Project Inspector, RII CPB2

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- **Overview of selected policy documents**
- **Handling procedures**
  - hard copy & electronic
- **Submittal of proprietary information to the NRC**
  - 10 CFR Part 2.390 applicability

Control of Proprietary Information

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- **MD 12.6 "NRC Sensitive Unclassified Information Security Program"**
  - Proprietary Information
    - Categorized by agency as SUNSI "Sensitive Unclassified Non-Safeguards Information"

Control of Proprietary Information

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- **MC 0612**
  - Handling of proprietary information during inspection activities
    - Items returned/destroyed prior to leaving site
  - Responsibility of licensee to identify information is proprietary & provide supporting justification

Control of Proprietary Information

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- **NRC Internal Website (SUNSI)**
  - Table format of handling requirements w/ FAQ's
  - Need to know
  - Safe to use on NRC devices
    - Protected from data theft by encryption if stolen/lost
  - Mobile media (CD-ROMS, flash drive, etc.)
    - Information removed using approved methods
  - Hard copy
    - Properly marked and protected from viewing

Control of Proprietary Information

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- **10 CFR 2.390 "Public inspections, exemptions, requests for withholding"**
  - NRR Office instruction LIC-204
  - RII Regional Office Instruction 0278
    - Affidavit submitted with proprietary information
      - Information clearly identified by submitter
      - Staff not required to reviewed items not identified
      - Request typically placed in ADAMS
  - Endorsed by SECY 2006-0114

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