



U.S.NRC

UNITED STATES NUCLEAR REGULATORY COMMISSION

Protecting People and the Environment

ITAAC Inspection Scheduling

December 18, 2007



ITAAC Inspection Scheduling

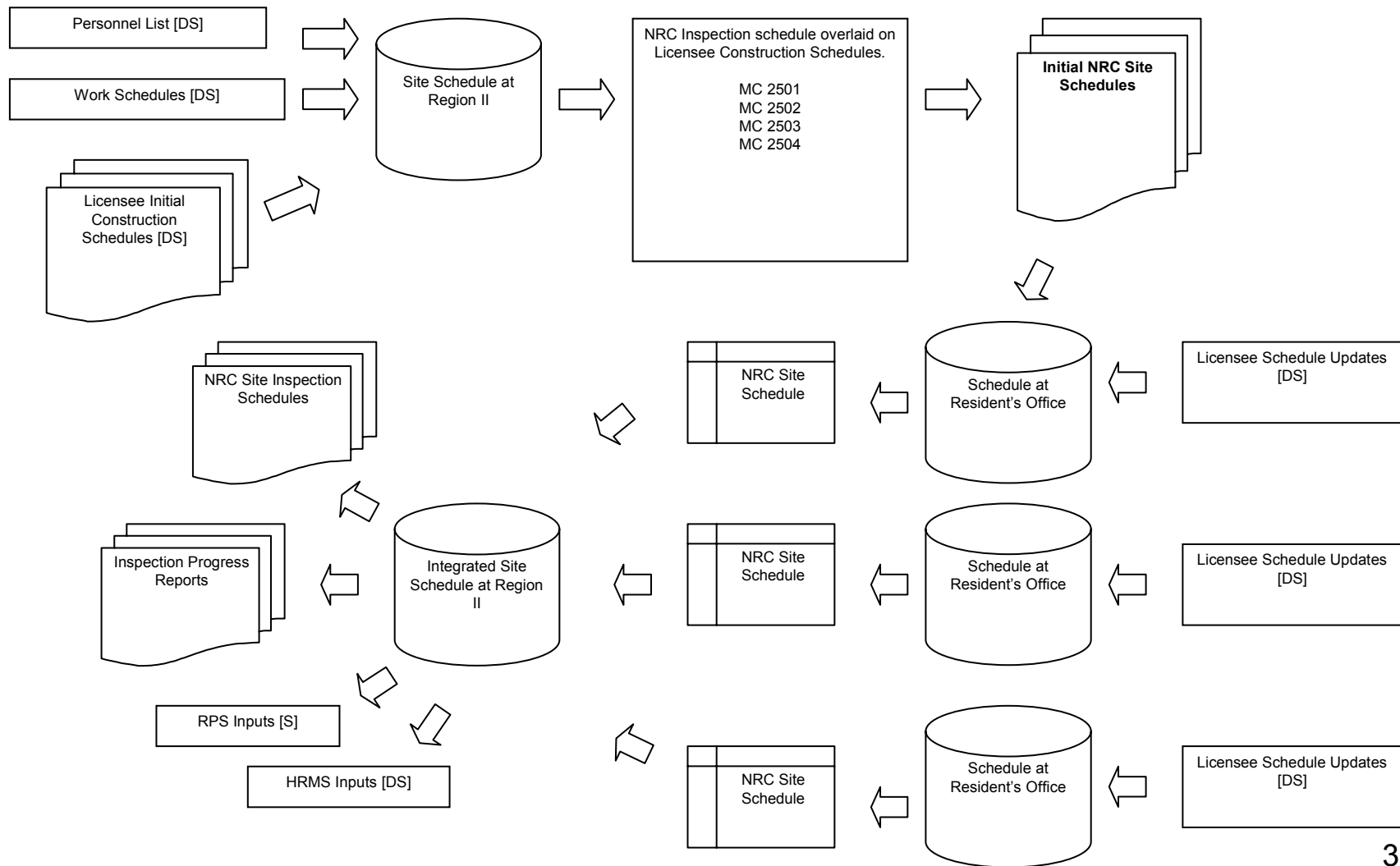
ITAAC Matrix (Family) Framework

	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'l's	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.



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Near Term Tasks

- Region II Resource Loaded Schedule
- January 2008 through December 2010
- Limited ITAAC Inspections
- MC 2501, MC 2502, MC 2503, MC 2504
- Feed Back to Resource Needs in 2008 – 2010



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Long Term Task

- Site Specific Resource Loaded Schedule
- January 2009 and beyond
- MC 2501, MC 2502, MC 2503, MC 2504
- Feed Back to Resource Needs



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Challenges:

- (1) Obtain best estimate schedules for each plant design
- (2) Obtain best estimate schedules for each site
- (3) Obtain an ITAAC closure schedule for each site
- (4) Module fabrication information (locations/schedules)
- (5) Develop the ITAAC Family Inspection Strategies