

“New Core”

IMC 2600 Appendix B NRC Core Inspection Requirements Tables 1 and 2

PURPOSE:

THIS APPENDIX IDENTIFIES THE NRC CORE AND RESIDENT INSPECTION REQUIREMENTS FOR EACH TYPE OF FUEL FACILITY BY INSPECTION PROCEDURE.

Table 1

		Category I Fuel Facility		Category III Fuel Fabrication Facility		Uranium Conversion Facility		Gas Centrifuge Facility		Laser Enrichment Facility	
Function/ Program Areas	Procedure or Procedure Suite	Inspection Frequency	Estimated Resources per IP (hrs)	Inspection Frequency	Estimated Resources per IP (hrs)	Inspection Frequency	Estimated Resources per IP (hrs)	Inspection Frequency	Estimated Resources per IP (hrs)	Inspection Frequency	Estimated Resources per IP (hrs)
SAFETY OPERATIONS											
Plant Operations +Maintenance Surveillance	88020 (OPR) + 88025(MS)	-	-	Annual (2 per year)	60 Tot. 32	Annual (2 per year)	60 Tot. 32	Annual (2 per year)	60 Tot. 32	-	-
	88135+ (Resident Inspection Program)	Annual	797	-	-	-	-	-	-	-	-
Criticality Safety	88015	Annual (3 2 per year)	192 -128	Annual (2 per year)	64 32	-	-	Annual (2 per year)	64 32	-	-
Fire Protection	88055 (FPA)	-	-	Annual- unless- 88054 is performed	32-0	Annual- unless- 88054 is performed	32-0	Annual- unless- 88054 is performed	32- 0	-	-
	88054 (FPT) +88055	Triennial*	90 64	Triennial*	90 64	Triennial*	90 64	Triennial*	90 64	-	-

*Resident inspection activities are conducted over the course of the year at the frequency and in the manner described in the relevant inspection procedure. The hours listed are for planning purposes and may vary by ±10%. If variance is more than 10%, the difference must be explained and the hours reviewed.*Note: The triennial inspection (88054) references portions of 88055, but all inspection time will be charged to 88054.

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SAFEGUARDS											
MC&A	Procedures as in IMC 2683	2 1	152 196 96	Annual	54 72 32	-	-	Annual	62 84 32	-	-
Physical Protection	HEU Security Measures (PS1)										
	81700.01	Biennial	18	-	-	-	-	-	-	-	-
	81700.02	Annual	27 18	-	-	-	-	-	-	-	-
	81700.04	Biennial	40 32	-	-	-	-	-	-	-	-
	81700.05	Triennial	70 64	-	-	-	-	-	-	-	-
	81700.06	Triennial	20	-	-	-	-	-	-	-	-
	81700.07	Biennial	25	-	-	-	-	-	-	-	-
	81700.08 Transfer to Resident Inspection Program	Triennial	24	-	-	-	-	-	-	-	-
	81700.10	Triennial	6	-	-	-	-	-	-	-	-
	81700.11	Annual	8	-	-	-	-	-	-	-	-
	LEU Security Measures (PS2)										
	81431	-	-	Triennial	14	Triennial	22	Triennial	14	-	-
	81810	-	-	Triennial	2	Triennial	2	Triennial	2	-	-
	Transportation Security (PS3)										
	81335	Triennial	4	-	-	-	-	-	-	-	-
	81340	Triennial	4	Triennial	8	-	-	Triennial	8	-	-
	Other										
96001	Triennial	360	-	-	-	-	-	-	-	-	
Classified Material and INFOSEC	81820 (INFOSEC)	Annual	2	-	-	-	-	Annual	48-160 48-96	Annual	104-120
	81815 (Access Authorization)	-	-	-	-	-	-	Annual	8-16	Annual	16

NEI changes in purple
NRC changes in red

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RADIOLOGICAL CONTROLS – 4 units; 1 biennial inspection; 32 hrs. total - focused on Program Deltas											
Radiation Protection	88030 (RP)	Biennial with annual subsections	64	Biennial with annual subsections	64	Biennial with annual subsections	64	Biennial with annual subsections	64	-	-
Environmental Protection	88045 (Effluent Control and Env.)	Biennial Annual	32	Biennial Annual	32	Biennial Annual	32	Biennial Annual	32	-	-
Waste Management	88035 (WM)	Biennial	32	Biennial	32	Biennial	32	Biennial	32	-	-
Transportation	86740 (T)	Biennial	32	Biennial	32	Biennial	32	Biennial	32	-	-
FACILITY SUPPORT		Tot. 32		Tot. 32		Tot. 32		Tot. 32			
*1 Maintenance/Surveillance	88025 (MS)	-	-	Annual	30	Annual	30	Annual	30	-	-
*2 Emergency Preparedness	88050 (EP)	Annual	32	Annual	32	Annual	32	Annual	32	-	-
	+88051 (Exercise Observation)	Biennial	48	Biennial	48	Biennial	48	Biennial	48	-	-
Plant Modifications (Annual)	88070	Annual unless 88072 is performed	32*	Annual unless 88072 is performed	32*	Annual unless 88072 is performed	32*	Annual unless 88072 is performed	32*	-	-
3 Plant Modifications (Triennial)	88072	Triennial	96	Triennial	96*	Triennial	96*	Triennial	96*		

*Note: The actual planned inspection hours will depend on information developed from routine inspections, changes to the ISA Summary, discussions with Project Inspectors, Project Managers, and staff, etc.

*1 Combined with Plant Ops (pg. 1).

*2 NRC to work with each licensee on whether to conduct during same week.

*3 After the first round of 88072 inspections, NRC will determine whether or not to continue the “deep dive” triennial reviews. Recommend removal after first round is completed.

NEI changes in purple
NRC changes in red