

Post Fukushima Order Implementation Status

Mitigating Strategies (MS) Order (EA-12-049) Compliance Status

- As of June 18, 2018, all operating power reactor units are in compliance with Order EA-12-049.
- The NRC staff performs inspections in accordance with NRC Inspection Manual Temporary Instruction 2515/191 (TI-191) after all units at a site are in compliance to verify that required FLEX equipment and connections are in place.
- The staff has completed TI-191 inspections at 51 sites.

Spent Fuel Pool Instrumentation (SFPI) Order (EA-12-051) Compliance Status

- As of June 30, 2017, all operating power reactor units are in compliance with Order EA-12-051.
- The NRC staff inspects for compliance with the SFPI Order in conjunction with the inspections for Order EA-12-049.

Severe Accident Capable Hardened Containment Vent System (HCVS) Order (EA-13-109) Compliance Status

- Order EA-13-109 established a schedule for 30 applicable licensees (boiling water reactors with Mark I or Mark II containments) to achieve full compliance with Phase 1 (wetwell vent) by June 30, 2018 and full compliance with Phase 2 (drywell vent or a strategy that makes drywell venting unlikely) by June 30, 2019.
- Two units have been granted extensions to the required compliance dates until after their planned final shutdown dates. These units have operable hardened vents in place providing compensatory measures.
- As of June 29, 2018, 28 applicable reactor units are in compliance with Phase 1, and 15 applicable reactor units are in compliance with Phase 2.
- The NRC staff will perform inspections for compliance with the HCVS Order in accordance with NRC Inspection Manual Temporary Instruction 2515/193 (TI-193) after all units at a site are in compliance.
- A pilot TI-193 inspection is planned for summer of 2018.

A table with the Order Compliance Status is provided on the following page. Site names that are highlighted in dark green have completed all post-Fukushima activities and the NRC has issued a completion letter.

## Order Implementation Status for Operating Reactors – By Region

Region I					Region II					Region III					Region IV								
		MS	SFPI	HCVS			MS	SFPI	HCVS			MS	SFPI	HCVS			MS	SFPI	HCVS				
Beaver Valley	1	Yes	Yes	NR	Browns Ferry	1	Yes	Yes	Spring 19	Braidwood	1	Yes	Yes	NR	ANO	1	Yes	Yes	NR				
	2	Yes	Yes	NR		2	Yes	Yes	Spring 19		2	Yes	Yes	NR		2	Yes	Yes	NR				
Calvert Cliffs	1	Yes	Yes	NR		3	Yes	Yes	Spring 19	Byron	1	Yes	Yes	NR	Callaway		Yes	Yes	NR				
FitzPatrick		Yes	Yes	Yes	Brunswick	1	Yes	Yes	Yes		2	Yes	Yes	NR	Columbia		Yes	Yes	Spring 19				
Ginna		Yes	Yes	NR		2	Yes	Yes	Spring 19	Clinton		Yes	Yes	NR	Comanche Peak	1	Yes	Yes	NR				
Hope Creek		Yes	Yes	Yes	Catawba	1	Yes	Yes	NR	DC Cook	1	Yes	Yes	NR	2	Yes	Yes	NR	Cooper		Yes	Yes	Fall 18
Indian Point	2	Yes	Yes	NR		2	Yes	Yes	NR			2	Yes	Yes	NR	Diablo Canyon	1	Yes	Yes	NR			
	3	Yes	Yes	NR	Farley	1	Yes	Yes	NR	Dresden	2	Yes	Yes	Yes	2	Yes	Yes	NR					
Limerick	1	Yes	Yes	Yes		2	Yes	Yes	NR		3	Yes	Yes	Yes	Yes	Grand Gulf		Yes	Yes	NR			
	2	Yes	Yes	Spring 19	Hatch	1	Yes	Yes	Yes	Duane Arnold		Yes	Yes	Fall 18	Palo Verde	1	Yes	Yes	NR				
Millstone	2	Yes	Yes	NR		2	Yes	Yes	Spring 19				Yes	Yes		Fall 18	2	Yes	Yes	NR			
	3	Yes	Yes	NR	McGuire	1	Yes	Yes	NR	LaSalle	1	Yes	Yes	Yes		3	Yes	Yes	NR				
Nine Mile Point	1	Yes	Yes	Yes		2	Yes	Yes	NR		2	Yes	Yes	Spring 19	River Bend		Yes	Yes	NR				
Oyster Creek		Yes	Yes	Jan 20*	North Anna	1	Yes	Yes	NR	Monticello		Yes	Yes	Spring 19	South Texas	1	Yes	Yes	NR				
Peach Bottom	2	Yes	Yes	Fall 18		2	Yes	Yes	NR				Yes	Yes		NR	2	Yes	Yes	NR			
Pilgrim		Yes	Yes	Dec 19*	Oconee	1	Yes	Yes	NR	Perry		Yes	Yes	NR	Waterford		Yes	Yes	NR				
Salem	1	Yes	Yes	NR		2	Yes	Yes	NR			1	Yes	Yes	NR	Wolf Creek		Yes	Yes	NR			
Seabrook		Yes	Yes	NR	3	Yes	Yes	NR	Prairie Island	2	Yes	Yes	NR										
Susquehanna	1	Yes	Yes	Yes	Robinson		Yes	Yes		NR	1	Yes	Yes	NR									
Three Mile Island		Yes	Yes	NR	St. Lucie	1	Yes	Yes	NR	2	Yes	Yes	NR										
					Sequoyah	1	Yes	Yes	NR	Quad Cities	1	Yes	Yes	Yes									
					2	Yes	Yes	NR	2		Yes	Yes	Yes	Yes									
					Summer		Yes	Yes	NR														
					Surry	1	Yes	Yes	NR														
						2	Yes	Yes	NR														
					Turkey Point	3	Yes	Yes	NR														
						4	Yes	Yes	NR														
					Vogtle	1	Yes	Yes	NR														
						2	Yes	Yes	NR														
					Watts Bar	1	Yes	Yes	NR														
						2	Yes	Yes	NR														

NR = Not Required

\*Extensions granted for Vent Order full compliance, these units will shut down early. Hardened containment vents are in place providing compensatory measures.