

## 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.
- As of June 28, 2019, the staff has completed TI-191 inspections at all operating power reactor 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.
- The NRC approved withdrawal of the order for the Pilgrim Nuclear Power Station on June 21, 2019
- The NRC approved withdrawal of the order for Oyster Creek Nuclear Generating Station on December 14, 2018.
- As of June 21, 2019, all 28 applicable operating boiling-water reactor units are in compliance with both phases of the order.
- 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 was completed at Dresden on July 28, 2018. The staff has completed TI-193 inspections at 4 sites.

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.

The NRC approved relaxation/withdrawal of the three orders for Pilgrim Nuclear Power Station on June 21, 2019. Pilgrim has permanently shutdown and certified that all fuel has been permanently removed from the reactor.

### Order Implementation Status for Operating Reactors – By Region

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

NR = Not Required