

SNS TARGET CHART

Operational Number	Serial Number	Calendar Life	Integrated Power (MW·hr)	Type	Notes
T01	MTX-001	April 2006 – July 2009	3,055	Original	
T02	MTX-002	July 2009 – July 2010	3,145	Original	
T03	MTX-005	July 2010 – April 2011	2,791	Original	Unknown leak.
T04	MTX-006	April 2011 – January 2012	3,252	Original	
T05	MTM-001	January 2012 – July 2012	2,362	Original	
T06	MTX-004	July 2012 – September 2012	617	Original	Trapezoidal cover plate leak.
T07	MTX-003	October 2012 – October 2012	98	Original	Trapezoidal cover plate leak.
T08	MTM-003	November 2012 – October 2013	3,750	Original	
T09	ORTE-001	October 2013 – July 2014	4,195	Original	
T10	MTX-007	July 2014 – September 2014	601	Jet-flow	Front body to transition weld leak.
T11	ORTE-002	September 2014 – November 2014	167	Original	Trapezoidal cover plate leak.
T12	MTM-002	November 2014 – September 2015	4,560	Original	Nose leak.
T13	MTX-009	October 2015 - Present	>1,500	Original+	Sensors.
Spare	ORTE-003			Original	
Spare	MTX-010			Original++	Sensors.
On-order	MTX-013			Original++	Sensors.
On-order	MTX-011			Jet-flow+	Sensors, gas injection.
On-order	MTX-012			Jet-flow+	Sensors, gas injection.
On-hold	MTX-008			Jet-flow	

Type Key:

- Original Has trapezoidal cover plate. Nonremovable shroud. Standard mercury flow path.
- Original+ No trapezoidal cover plate. Removable shroud. Standard mercury flow path. Improved material and processing for cavitation damage resistance.
- Original++ No trapezoidal cover plate. Removable shroud. Standard mercury flow path. Improved material and processing for cavitation damage resistance. Full penetration weld at T10 leak location.
- Jet-flow No trapezoidal cover plate. Removable shroud. Jet-flow of mercury on inner window. Improved material and processing for cavitation damage resistance.
- Jet-flow+ No trapezoidal cover plate. Removable shroud. Jet-flow of mercury on inner window. Improved material and processing for cavitation damage resistance. Full penetration weld at T10 leak location.