

New Plant SFCP, Initiative 5b

Possible Issues, Solutions

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Equipment Data

- We use experience to help guide surveillance frequency changes. New plant – implies little or no experience.
- For example we require:
 - Three successive satisfactory performances for intervals less than or equal to six months
 - Two successive satisfactory performances for intervals greater than six months.
- Preventive Maintenance interval(s) – may test equipment.

What to do; baseline estimates

- Look at equipment that isn't different in the new application (transformers, valves, pumping equipment) frequencies could conform to industry databases/current practice.
- Use PRA to help establish frequencies based on "target" risk.
- Codes and standards.
- Accelerated life testing (useful primarily for electronic equipment).
- Expert elicitation.

**Surveillance Test Interval (STI) Prioritization Format
Group A**

STRIDE	Procedure	Parameter	Technical Specification	PRA	TRM?	Implemented
TR-I-0001	0PSP05-WG-4655	Waste Gas O2 ACOT	TRM 4.3.3.11	Qual	Y	Y
TR-I-0002	0PSP02-CM-4102, CM-4105	Hydrogen Analyzer	TRM 4.6.4.1	Qual	Y	Y
TS-E-0003	0PSP06-PK-0001 thru PK-0008	Loss of Voltage, Degraded Voltage TADOTS	04.03.02.01.08.0A.04, 0B.04, 0C.04	Quant	N	Y
TS-I-0004	0PSP02-FW-0517	SG Water Level Lo-Lo ACOT, TT/FI Hi-Hi ACOT	04.03.01.01.14.03, 04.03.02.01.05.0B.03/06.0D.03	Quant	N	Y
TS-I-0005	0PSP05-SI-3925	WR Containment Water Level Monitoring	04.03.03.06.14.02	Qual	N	Y
TS-O-0006	0PSP03-AF-0001, 2, 3	AF Monthly Op. Test and Channel checks	4.3.3.5.1.3.G, 4.3.3.6.11.1, 4.7.1.2.1.A.1,	Quant	N	Y
TS-I-0007	0PSP02-RC-0465	PZR Level ACOT	4.3.1.1.1.12.3	Quant	N	Y
TS-I-0008	0PSP02-RC-0455	PZR Press ACOT	4.3.1.1.1.10.3, 11.3	Quant	N	Y
TS-I-0009	0PSP02-HC-0934	Containment Press ACOT	4.3.2.1.1.D.3, 2.D.3, 3.C.3.3	Quant	N	Y
TS-M-0010	0PSP04-DG-0004	SBDG Fuel Tank Cleaning	4.8.1.1.2.g, 4.8.1.2, 4.8.1.3	Quant	N	Y
TS-I-0011	0PSP02-MS-0514	Main Steam Press ACOTs	4.3.2.1.1.F.3, C.3, E.3	Quant	N	Y
TS-I-0012	0PSP02-RC- 0417	RCS Flow ACOT	4.3.1.1.13.3	Quant	N	Y
TS-I-0013	0PSP02-SI-0931	RWST Level ACOT	4.3.2.1.7.A.5, A.6, B.3	Quant	N	Y
TS-O-0014	0PSP03-EW-0016	ECW Valve Checklist	4.7.4.a	Quant	N	Y

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Group A**

STRIDE	Procedure	Parameter	Technical Specification	PRA	TRM?	Implemented
TS-O-0016	0PSP03-CC-0011	CCW System Valve Position Verification	4.7.3.a	Quant	N	Y
TS-O-0017	0PSP03-SI-0016	Containment Integrity Checklist	4.6.1.1.a	Quant	N	Y
TS-C-0019	0PSP07-ZQ-0001	Secondary coolant gross activity	4.7.1.4/Table 4.7-1.1	Qual	N	Y
TS-C-0020	0PSP07-ZQ-0001	Reactor coolant gross specific activity*	4.4.8/Table 4.4-4/Item 1	Qual	N	Y
TS-O-0022	0PSP03-SP-0005R,S	SSPS logic test	4.3.2.1.1.b.5, 4.3.2.1.2.b.5, 4.3.2.1.3.a.2.5,	Quant	N	Y
TS-O-0023	0PSP03-SP-0006R,S	Reactor Trip Breaker TADOT	4.3.1.1.20.4, 4.3.1.1.21.5, 4.3.1.1.22.4,	Quant	N	Y
TS-O-0024	0PSP03-SP-0007A, B, C	SSPS Master Relay test	4.3.2.1.5.a.5, 4.3.2.1.3.b.2.6, 4.3.2.1.5.a.6,	Quant	N	Y