

INSERVICE TESTING PLAN

REVISION 3

SAN ONOFRE NUCLEAR GENERATING STATION

UNIT 3

SOUTHERN CALIFORNIA EDISON COMPANY

September 1984

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CHANGES TO INSERVICE TESTING PROGRAM - REVISION 3

SAN ONOFRE UNIT 3

1. Att. 8.4, p. 11 of 27 Change the test mode for HV-9202 and HV-9203 from "OP" to "CS"
2. Att. 8.4, p. 12 of 27 Change the test mode for check valves 2-020-A-554 and 2-021-A-554 from "OP" to "CS"
3. Att. 8.4, p. 26 of 27 Change HV-9945 to HCV-9945
Change HCV-9946 to HV-9946
4. Att. 8.5, p. 6A of 10 Add page to provide justification for Cold Shutdown testing of HV-9202, HV-9203, 2-020-A-554 and 2-021-A-554

TDM:2347F

INSERVICE TESTING PROGRAM
ASME-CLASS 1, 2 & 3 VALVES
SAN ONOFRE NUCLEAR GENERATING STATION

UNIT 3

VALVE NUMBER	COORD.	CLASS	VALVE CATEGORY	VALVE SIZE	VALVE TYPE	ACTR. TYPE	NORMAL POSITION	STROKE DIRECTION	TEST	TEST MODE	MAX. STROKE TIME (Sec.)	RELIEF REQUEST	REMARKS
<u>DIESEL GENERATOR FUEL STORAGE P & ID # 40116S03</u>													
2-039-D-627	C-6	3	C	2"	CK	SA	C	O	CVT	OP			
2-048-D-627	C-6	3	C	2"	CK	SA	C	O	CVT	OP			
2-054-D-627	C-3	3	C	2"	CK	SA	C	O	CVT	OP			
2-063-D-627	C-4	3	C	2"	CK	SA	C	O	CVT	OP			
<u>SUMPS & DRAINS P & ID # 40117S03</u>													
HV-5803	B-2	2	A	3"	GA	MO	O	C	AT BT PIT	RR OP RR	40		Notes 3, 5, 6, 10, 11 & 13
HV-5804	B-2	2	A	3"	GA	AO	O	C	AT BT PIT FST	RR OP RR RR	40		Notes 3, 5, 10, 11 & 13
<u>FUEL POOL COOLING P & ID # 40122S03</u>													
10-100-C-212	E-3	2	A	10"	GA	M	C	C	AT	RR			Notes 9, 10 & 11
10-101-C-212	E-4	2	A	10"	GA	M	C	C	AT	RR			Notes 9, 10 & 11
<u>CHEMICAL & VOLUME CONTROL P & ID # 40123S03</u>													
HV-9200	B-5	2	A	2"	GL	AO	O	O&C	AT BT FST PIT	RR CS CS RR	40	*	Notes 4, 5, 10 & 12
HV-9201	C-7	1	B	2"	GA	MO	C	O&C	BT PIT	CS RR	40	*	Notes 4, 5, 6 & 12
HV-9202	B-7	1	B	2"	GA	MO	O	O&C	PIT BT	RR CS	40	*	Note 4, 6 & 12 3
HV-9203	B-7	1	B	2"	GA	MO	O	O&C	PIT BT	RR CS	40	*	Note 4, 6 & 12 3

INSERVICE TESTING PROGRAM
ASME-CLASS 1, 2 & 3 VALVES
SAN ONOFRE NUCLEAR GENERATING STATION
UNIT 3

VALVE NUMBER	COORD.	CLASS	VALVE CATEGORY	VALVE SIZE	VALVE TYPE	ACTR. TYPE	NORMAL POSITION	STROKE DIRECTION	TEST	TEST MODE	MAX. STROKE TIME (Sec.)	RELIEF REQUEST	REMARKS
CHEMICAL & VOLUME CONTROL P & ID # 40123S03 (Continued)													
HV-9204	D-7	1	B	2"	GA	A0	0	C	FST BT PIT	CS CS RR	30	*	Notes 4, 5 & 13
HV-9205	E-6	2	A	2"	GL	A0	0	C	AT FST BT PIT	RR CS CS RR	40	*	Notes 3, 5, 10 & 13
TV-0221	D-7	1	B	2"	GL	A0	0	C	FST BT PIT	CS CS RR	5	*	Notes 4, 5 & 13
TV-9267	D-6	2	A	2"	GA	M0	0	C	AT BT PIT	RR CS RR	40	*	Notes 3, 5, 6, 10 & 13
2-019-A-554	C-7	1	C	2"	CK	SA	C	0	CVT	CS		*	Note 5
2-020-A-554	C-7	1	C	2"	CK	SA	C	0	CVT	CS		*	
2-021-A-554	B-7	1	C	2"	CK	SA	C	0	CVT	CS		*	
2-122-A-554	B-6	2	AC	2"	CK	SA	C	0&C	AT CVT	RR OP		VRR-14	Note 10
2-129-A-554	A-6	1	AC	2"	CK	SA	C	0	CVT AT	CS RR		*	Note 10
2-130-C-334	A-5	2	A	2"	GL	M	C	0&C	BT AT PIT	CS RR RR		*	Note 10

INSERVICE TESTING PROGRAM
ASME-CLASS 1, 2 & 3 VALVES
SAN ONOFRE NUCLEAR GENERATING STATION

UNIT 3

VALVE NUMBER	COORD.	CLASS	VALVE CATEGORY	VALVE SIZE	VALVE TYPE	ACTR. TYPE	NORMAL POSITION	STROKE DIRECTION	TEST	TEST MODE	MAX. STROKE TIME (Sec.)	RELIEF REQUEST	REMARKS
<u>HV & AC (EMERGENCY) P & ID # 40172S03 (Continued)</u>													
HV-9917	D-3	2	A	6"	BTF	MO	C	C	AT	RR			Notes 6, 10 & 11
HCV-9918	D-3	2	A	6"	BTF	M	C	C	AT	RR			Notes 10 & 11
HCV-9945	D-7	2	A	6"	BTF	M	C	C	AT	RR			Notes 10 & 11
HV-9946	D-6	2	A	6"	BTF	MO	C	C	AT	RR			Notes 6, 10 & 11
<u>FIRE PROTECTION P & ID # 40189S03</u>													
HV-5686	E-7	2	A	4"	GA	MO	C	C	AT BT PIT	RR CS RR	40	*	Notes 3, 10, 11 & 13
4-095-C-681	G-6	2	AC	4"	CK	SA	C	C	AT	RR			Notes 9, 10 & 11
<u>COMPRESSED AIR SYSTEM P & ID # 40191S03</u>													
HV-5388	E-1	2	A	1-1/2"	GL	AO	O	C	BT FST AT	CS CS RR	40	*	Notes 3, 10 & 13
1-1/2-016-C-617	E-1	2	AC	1-1/2"	CK	SA	C	C	AT	RR			Notes 9 & 10
2"-017-C-627	E-1	2	AC	2"	CK	SA	C	C	AT	RR			Notes 9 & 10
2-055-C-387	E-1	2	A	2"	GL	M	C	C	AT	RR			Notes 9 & 10

COLD SHUTDOWN VALVE TESTING
JUSTIFICATION TABLE

VALVE NUMBER	COORD.	CLASS	VALVE CAT.	JUSTIFICATION FOR COLD SHUTDOWN TESTING FREQUENCY OF VALVES
CHEMICAL & VOLUME CONTROL P&ID #40123 (Continued)				
HV-9202	B-7	1	B	This valve must remain open during power operation in order to ensure consistency with assumptions made regarding system flow to the RCS cold legs in the Accident Analysis and to comply with the intent of Limiting Condition for Operation 3.5.2.
HV-9203	B-7	1	B	Same as HV-9302.
2-020-A-554	C-7	1	B	This valve cannot be tested without closing HV-9203.
2-021-A-554	C-7	1	B	This valve cannot be tested without closing HV-9202.