

HPSI PUMP P-019 ALIGNMENT

UNIT 2 (2 or 3)

DATE 1-13-85

TIME 0800

1.0 PREREQUISITES

INITIALS

1.1 Prior to use of an uncontrolled (pink) copy of this Station Document to perform work, verify that it is current by checking a controlled copy an any TCNs or by use of the method described in SO123-VI-1.0.

1.1.1 List all applicable TCNs or write N.A.

7-8

1.2 On-shift SRO-Operations Supervisor approval obtained.
(SRO OPS SUPV Initials)

1.3 If in Mode 4 (write N/A if not), at least one train of HPSI is operable and in service and will not be affected by the performance of this procedure.

N/A

2.0 PROCEDURE

INITIALS
1ST / 2ND

NOTE: (1) Not applicable if performed in conjunction with Check-Off List 10

2.1 Placing HPSI P-019 In Service

2.1.1 Lock Open HPSI P-019 miniflow recirc. valve S2(3)1204MU035

.1 Lock Closed P-019 miniflow orifice bypass valve S2(3)1204MU185

2.1.2 Lock Open HPSI P-019 suction valve S2(3)1204MU009

2.1.3 Lock Open HPSI P-019 discharge valve S2(3)1204MU015

2.1.4 Open CCW to P-019 valve S2(3)1203MU236

2.0 PROCEDURE (Continued)

INITIALS
1ST / 2ND

- 2.1.5 Open CCW from P-019
valve S2(3)1203MU033

mm/jf/18

NOTE: Notify Health Physics before
venting potentially radioactive
water

- 2.1.6 Vent P-019 suction by uncapping
and venting with P-019 suction vent
valve S2(3)1204MR089

mm/jf/18

- 2.1.7 Close and cap P-019 suction vent valve
S2(3)1204MR089

mm/jf/18

NOTE: Notify Health Physics before
venting potentially radioactive
water

- 2.1.8 Vent P-019 discharge by uncapping
and venting with P-019 discharge vent
valve S2(3)1204MR356

- 2.1.9 Close and cap P-019 discharge vent
valve S2(3)1204MR356

mm/jf/18

- 2.1.10 HPSI P-019 breaker A0608.

RACKED IN
DC ON
CLOSING SPRINGS
CHG MOTOR ENERGIZED

mm/jf/18

CAUTION If P-018 is not aligned to
===== Train B, until P-019 is
declared operable per step
2.1.11, Train B HPSI is not
operable. With the plant in
Modes 1-3, comply with the
action requirements of
Technical Specification 3.5.2.

- (1)2.1.11 With an operator present at P-019 to check
for abnormal operation, start P-019 and
verify P-019 operable as follows:

2.0 PROCEDURE (Continued)

INITIALS
1ST / 2ND

2.1.11.1 Verify P-019 starts and, develops
greater than 1400 psig discharge
pressure as indicated in PI-0309
(CR-57)

R

.2 Verify P-019 exhibits no unusual
vibration or leakage while running

R

(1)2.1.12 Stop P-019.

R

NOTE: P-019 is now operable

2.2 Removing P-019 from Service

CAUTION If P-018 is not aligned to Train B,
===== completing the following steps will
make Train B HPSI inoperable. With
the plant in Modes 1-3, comply with the
action requirements of Technical
Specification 3.5.2.

2.2.1 Turn DC Off and Rack Out P-019
breaker A0608

N/A ^{SEE} PMP 1

2.2.2 Lock Closed HPSI P-019 miniflow
recirc. valve S2(3)1204MU035

N/A ^{SEE} PMP 1

2.2.3 Lock Closed HPSI P-019 discharge
valve S2(3)1204MU015

N/A ^{SEE} PMP 1

2.2.4 Lock Closed HPSI P-019 suction
valve S2(3)1204MU009

N/A ^{SEE} PMP 1

2.2.5 If isolation of CCW to P-019 is
desired, proceed as follows;
otherwise, N/A these steps

2.2.5.1 Close CCW to P-019 valve
S2(3)1203MU236

N/A ^{SEE} PMP 1

.2 Close CCW from P-019 valve
S2(3)1203MU033

N/A ^{SEE} PMP 1

PERFORMED BY: [Signature] 1 VMS DATE/TIME 1/13/85 1120
Operator Initial
PERFORMED BY: [Signature] 1 2 DATE/TIME 1-13-85 1145
Operator Initial
VERIFIED BY: [Signature] 1 JF DATE/TIME 1-13-85 1120
Operator Initial
VERIFIED BY: [Signature] [Signature] DATE/TIME 1/13/85 1347
Operator Initial

NOTE: SRO Ops. Supv. shall not sign "Reviewed By" until all comments in relation to this Check-Off List have been resolved i.e.: TCNs written and incorporated, caps and flanges installed, locks and chains in place, etc.

REVIEWED BY: [Signature] DATE/TIME 1/14/85 1050
(SRO Ops. Supv.)

FILE DISPOSITION: File per S023-0-28

COMMENTS:

HPSI PUMP P-019 ALIGNMENT

UNIT 2 (2 or 3)

DATE 1-13-85

TIME 0800

1.0 PREREQUISITES

INITIALS

- 1.1 Prior to use of an uncontrolled (pink) copy of this Station Document to perform work, verify that it is current by checking a controlled copy an any TCNs or by use of the method described in SO123-VI-1.0.

MB

- 1.1.1 List all applicable TCNs or write N.A.

7-8

- 1.2 On-shift SRO-Operations Supervisor approval obtained.
(SRO OPS SUPV Initials)

MB

- 1.3 If in Mode 4 (write N/A if not), at least one train of HPSI is operable and in service and will not be affected by the performance of this procedure.

N/A

2.0 PROCEDURE

INITIALS
1ST / 2ND

TCN1
NOTE: (1) Not applicable if performed in conjunction with Check-Off List 10

2.1 Placing HPSI P-019 In Service

- 2.1.1 Lock Open HPSI P-019 miniflow recirc. valve S2(3)1204MU035

MB 1/13/85

- .1 Lock Closed P-019 miniflow orifice bypass valve S2(3)1204MU185

MB 1/13/85

- 2.1.2 Lock Open HPSI P-019 suction valve S2(3)1204MU009

MB 1/13/85

- 2.1.3 Lock Open HPSI P-019 discharge valve S2(3)1204MU015

MB 1/13/85

- 2.1.4 Open CCW to P-019 valve S2(3)1203MU236

MB 1/13/85

2.0 PROCEDURE (Continued)

INITIALS
1ST / 2ND

- 2.1.5 Open CCW from P-019
valve S2(3)1203MU033

MB 1/1/8

NOTE: Notify Health Physics before
venting potentially radioactive
water

- 2.1.6 Vent P-019 suction by uncapping
and venting with P-019 suction vent
valve S2(3)1204MR089

MB 1/1/8

- 2.1.7 Close and cap P-019 suction vent valve
S2(3)1204MR089

MB 1/1/8

NOTE: Notify Health Physics before
venting potentially radioactive
water

- 2.1.8 Vent P-019 discharge by uncapping
and venting with P-019 discharge vent
valve S2(3)1204MR356

- 2.1.9 Close and cap P-019 discharge vent
valve S2(3)1204MR356

MB 1/1/8

- 2.1.10 HPSI P-019 breaker A0608.

RACKED IN
DC ON
CLOSING SPRINGS
CHG MOTOR ENERGIZED

mm 1/1/8

CAUTION If P-018 is not aligned to
===== Train B, until P-019 is
declared operable per step
2.1.11, Train B HPSI is not
operable. With the plant in
Modes 1-3, comply with the
action requirements of
Technical Specification 3.5.2.

- (1)2.1.11 With an operator present at P-019 to check
for abnormal operation, start P-019 and
verify P-019 operable as follows:

2.0 PROCEDURE (Continued)

INITIALS
1ST / 2ND

2.1.11.1 Verify P-019 starts and develops greater than 1400 psig discharge pressure as indicated in PI-0309 (CR-57)

R

.2 Verify P-019 exhibits no unusual vibration or leakage while running

R

(1)2.1.12 Stop P-019.

R

NOTE: P-019 is now operable

2.2 Removing P-019 from Service

CAUTION If P-018 is not aligned to Train B, completing the following steps will make Train B HPSI inoperable. With the plant in Modes 1-3, comply with the action requirements of Technical Specification 3.5.2.

2.2.1 Turn DC Off and Rack Out P-019 breaker A0608

N/A ^{SEE} PMP 1

2.2.2 Lock Closed HPSI P-019 miniflow recirc. valve S2(3)1204MU035

N/A ^{SEE} PMP 1

2.2.3 Lock Closed HPSI P-019 discharge valve S2(3)1204MU015

N/A ^{SEE} PMP 1

2.2.4 Lock Closed HPSI P-019 suction valve S2(3)1204MU009

N/A ^{SEE} PMP 1

2.2.5 If isolation of CCW to P-019 is desired, proceed as follows; otherwise, N/A these steps

2.2.5.1 Close CCW to P-019 valve S2(3)1203MU236

N/A ^{SEE} PMP 1

.2 Close CCW from P-019 valve S2(3)1203MU033

N/A ^{SEE} PMP 1

SAN ONOFRE NUCLEAR GENERATING STATION
UNITS 2 AND 3

OPERATING INSTRUCTION S023-3-2.7
REVISION 7 PAGE 4 OF 4
ATTACHMENT 8.8
CHECK-OFF LIST 8
TCN 7-8

PERFORMED BY: [Signature] 1 [Initial] DATE/TIME 1/15/85 1120
Operator Initial
PERFORMED BY: [Signature] 1 [Initial] DATE/TIME 1-13-85 1145
Operator Initial
VERIFIED BY: [Signature] 1 [Initial] DATE/TIME 1-13-85 1120
Operator Initial
VERIFIED BY: [Signature] 1 [Initial] DATE/TIME 1/13/85 1347
Operator Initial

NOTE: SRO Ops. Supv. shall not sign "Reviewed By" until all comments in relation to this Check-Off List have been resolved i.e.: TCNs written and incorporated, caps and flanges installed, locks and chains in place, etc.

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(SRO Ops. Supv.)

FILE DISPOSITION: File per S023-0-28

COMMENTS:
