

## PILGRIM NUCLEAR POWER STATION

Procedure No. 5.4.6

PRIMARY CONTAINMENT VENTING AND PURGING  
UNDER EMERGENCY CONDITIONS

## REVIEWERS AND APPROVERS

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SAFETY REVIEW REQUIRED

ORC REVIEW REQUIRED/  
NOT REQUIREDEffective Date: 3-20-92

5.4.6 Rev. 23

- (2) Containment Atmosphere Dilution System Torus Isolation valves (C170 and C171) Special Key CR-V.
- SV-5083A, TORUS ISOLATION VALVE
  - SV-5084A, TORUS ISOLATION VALVE
  - SV-5083B, TORUS ISOLATION VALVE
  - SV-5084B, TORUS ISOLATION VALVE

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### CAUTION

When performing the following, refer to Emergency Classifications 1. -100. Reference EAL 3.4.1.4, EAL 3.5.1.4, and EAL 3.5.2.4.

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If additional venting capacity is required,

AND primary containment pressure is  $\geq$  30 psig,

THEN VENT the Torus, bypassing SGTS as follows:

(1) CLOSE OR VERIFY CLOSED the following valves:

- AO-5042A, TORUS PURGE EXHAUST ISOL VLV
- AO-5041A, TORUS NORMAL EXHAUST ISOL VLV
- AO-5041B, TORUS NORMAL EXHAUST ISOL VLV
- SV-5083A, TORUS ISOLATION VALVE
- SV-5084A, TORUS ISOLATION VALVE
- SV-5083B, TORUS ISOLATION VALVE
- SV-5084B, TORUS ISOLATION VALVE

(2) PLACE the fan control switches for SGTS Exhaust Fans VEX-210A AND VEX-210B to "OFF".

(3) CLOSE OR VERIFY CLOSED the following valves:

- AO-N-112, TRAIN B OUTL DMPR
- AO-N-108, TRAIN A OUTL DMPR

(4) OPEN AO-5042B, TORUS PURGE EXHAUST ISOL VLV, bypassing isolation interlocks according to PNPS 5.3.21, "Bypassing Selected Interlocks", Attachment 12.