

TABLE 3.2.6 NOTES

- Note 1 - From and after the date that one of these parameters is not indicated in the control room, continued reactor operation is permissible during the next seven days. If reduced to one indication of a parameter operation is permissible for 30 days.
- Note 2 - Control rod position and neutron monitor instruments are considered to be redundant to each other.
- Note 3 - From and after the date that this parameter is reduced to one indication in the control room, continued reactor operation is permissible during the next thirty days. If both channels are inoperable and indication cannot be restored in six hours, an orderly shutdown shall be initiated and the reactor shall be in a hot shutdown condition in six hours and a cold shutdown condition in the following 18 hours.

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TABLE 4.2.6

CALIBRATION FREQUENCIESPOST-ACCIDENT INSTRUMENTATION

<u>Parameter</u>	<u>Calibration</u>	<u>Instrument Check</u>
Drywell Atmosphere Temperature	every 6 months	once each day
Drywell and Torus Pressure	every 6 months	once each day
Torus Water Level	every 6 months	once each shift
Torus Water Temperature	every 6 months	once each day
Reactor Pressure	every 6 months	once each day
Reactor Vessel Water Level	every 6 months	once each day
Control Rod Position	(note 5)	once each day
Neutron Monitor	Same as reactor protection systems	once each day
Torus Air Temperature	every 6 months	once each day
Safety/Relief Valve Position	every refueling outage (Note 9) (a Functional Test to be performed quarterly)	once each day
Safety Valve Position	every refueling outage (Note 9) (a Functional Test to be performed quarterly)	once each day

TABLE 4.2 NOTES

1. Initially once per month; thereafter, a longer interval as determined by test results on this type of instrumentation.
  2. During each refueling outage, simulated automatic actuation which opens all pilot valves shall be performed such that each trip system logic can be verified independent of its redundant counterpart.
  3. Trip system logic calibration shall include only time delay relays and timers necessary for proper functioning of the trip system.
  4. This instrumentation is excepted from functional test definition. The functional test will consist of injecting a simulated electrical signal into the measurement channel.
  5. Check control rod position indication while performing the surveillance requirement of section 3.3.
  6. Functional tests, calibrations and instrument checks are not required when these instruments are not to be operable or tripped. Functional tests shall be performed before each startup with a required frequency not to exceed once per week. Calibration shall be performed prior to or during each startup or controlled shutdowns with a required frequency not to exceed once per week. Instrument checks shall be performed at least once per day during those periods when instruments are required to be operable.
  7. This instrumentation is excepted from the functional test definitions and shall be calibrated using simulated electrical signals once every three months.
  8. Functional tests and calibrations are not required when systems are not required to be operable.
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9. The thermocouples associated with Safety/Relief Valves and Safety Valve Position, that may be used for backup position indication, shall be verified to be operable every operating cycle.

5. The Plant Health Physicist shall meet or exceed the qualifications of Regulatory Guide 1.8, Revision 1 (September 1975).
  6. The Shift Technical Advisor shall have a bachelor's degree or equivalent in a scientific or engineering discipline with specific training in plant design, and response and analysis of the plant for transients and accidents.
- E. A Fire Brigade of at least 5 members shall be maintained onsite at all times. # This excludes 2 members of the minimum shift crew necessary for safe shutdown of the plant and any personnel required for other essential functions during a fire emergency.

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#Fire Brigade composition may be less than the minimum requirements for a period of time not to exceed 2 hours in order to accommodate unexpected absence of Fire Brigade members provided immediate action is taken to restore the Fire Brigade to within the minimum requirements.

VYNPS

TABLE 6.1.1

Vermont Yankee staff positions that shall be filled by personnel holding Senior Operator and Operator licenses are indicated in the following table:

<u>Title</u>	<u>License</u>
Operations Supervisor	Senior Operator
Shift Supervisor	Senior Operator
Supervisory Control Room Operator	Operator
Control Room Operator	Operator

<u>MINIMUM SHIFT CREW PERSONNEL &amp; LICENSE REQUIREMENTS</u>	<u>Conditions</u>		
	<u>Normal Operation</u>	<u>Plant Startup</u>	<u>Cold Shutdown</u>
Shift Supervisor	(1)	(1)	-
Supervisory Control Room Operator	(1)	(1)	(1)
Control Room Operator	(1)	(1)	(1)
Auxiliary Operator	(2)	(2)	(1)
Shift Technical Advisor	(1)	(1)	-
Senior Operators License	(1)	(1)	(1)
Operators License	(2)	(2)	(1)