



OPERATIONS DEPARTMENT INSTRUCTION

N2-ODI-7.04
Rev 00

COMPLIANCE WITH LICENSED THERMAL POWER LIMIT

Approved: *[Signature]*

FOR INFORMATION ONLY

1.0 PURPOSE

This instruction provides guidance to ensure and document compliance with Nine Mile Point Unit TWO's licensed thermal power limit.

2.0 REFERENCES

- 2.1 Nine Mile Point Unit TWO Operating License NPF-69
- 2.2 Administrative Procedure AP-4.0, Administration of Operations
- 2.3 Operating Procedure N2-OP-101D, Power Changes
- 2.4 Reactor Engineering Surveillance Procedure N2-RESP-6, Shift Average Thermal Power Calculation

3.0 RESPONSIBILITIES

- 3.1 The Station Shift Supervisor (SSS) has the ultimate responsibility of ensuring compliance with the licensed thermal power limit during his shift.
- 3.2 The Chief Shift Operator (CSO) shall closely monitor thermal power to ensure compliance with the licensed thermal power limit during his shift.

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3.3 The Shift Technical Advisor (STA) shall calculate the shift average thermal power using normal or backup methods at the mid-point and conclusion of each shift as defined by this instruction. The STA shall also calculate the current shift average thermal power whenever requested by the SSS/CSO.

4.0 PROCEDURE

4.1 As stated by the Nine Mile Point Unit TWO Operating License NPF-69, Section 2.C.(1), the Licensed Thermal Power Limit is 3323 MW thermal.

4.2 As stated in Operating Procedure N2-OP-101D, Power Changes, thermal power may not exceed the licensed limit over an eight hour shift average.

4.3 For the purposes of this instruction only, the eight hour shifts are defined as follows:

- a. 0600 hrs - 1400 hrs
- b. 1400 hrs - 2200 hrs
- c. 2200 hrs - 0600 hrs

NOTE: The eight hour shifts are not the exact same eight hours worked because the shift average will normally be calculated using computer points which are calculated at the conclusion of each hour.

4.4 The STA shall calculate the shift average thermal power using N2-RESP-6, Shift Average Thermal Power Calculation.

4.5 One of the last entries made in the SSS log at the conclusion of each shift shall be:

Shift Average Thermal Power: (from Step 4.4)

NOTE: If the backup method was used, the value shall be annotated by (Approx).

