

TO: MR. JAMES P. O'REILLY
FROM: MR. THOMAS J. PERKINS

NINE MILE POINT NUCLEAR STATION
DOCKET NO. 50-220

On or about 1600 hours, August 29, 1973 following a routine calibration of the Local Power Range Monitors (LPRM) and subsequent core power distribution calculation fuel bundle segments were found to be operating slightly in excess of the allowable average planar LHGR as shown in Figure 3.1.7. The Fuel Bundles in question were reload 1 type. The maximum average planar LHGR was found to be approximately 10.75 KW/FT. For this fuel type and nodal exposure of approximately 1930 MWD/ST the limit shown on Figure 3.1.7 is approximately 10.6 KW/FT. Immediately steps were taken to reduce the maximum average planar LHGR by reducing Core Thermal Power using Reactor Recirculation Flow. Subsequent core power distributions calculations showed all fuel types to be operating within the limits shown on Figure 3.1.7.

In order to maintain the Core Power Distribution input data (LPRM) reliability at a high level the frequency of LPRM calibrations will be increased from the nominal full power month frequency to every full power two week period.

In addition, steps will be taken to alter the existing rod pattern to achieve a flatter power distribution which will improve the margin between operating levels and limits.

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TO (Name and unit) H. D. Thornburg, Chief, FS&EB	INITIALS DATE	REMARKS Licensee: Niagara Mohawk Power Corp. Docket No.: 50-220 Abnormal Occurrence: Facsimile Message received
TO (Name and unit) RG:HQ (5) DR Central Files (1) Regulatory Standards Dir. of Licensing (13)	INITIALS DATE	REMARKS 8/30/73 - Core power distribution fuel bundle segments found operating in excess of T.S. The attached report from the subject licensee is forwarded in accordance with RO Manual Chapter 1000.
TO (Name and unit) RO Files Central Mail & Files	INITIALS DATE	REMARKS The action taken by the licensee is considered appropriate. Followup will be performed during the next inspection as appropriate. Copies of
FROM (Name and unit) <i>R. T. Carlson</i> R. T. Carlson, Chief Facility Operations Branch	REMARKS the report have been forwarded to the PDR, Local PDR, NSIC, DTIE and State representatives. The licensee will submit a 10 day written report to	
PHONE NO.	DATE 8/30/73	Licensing.

USE OTHER SIDE FOR ADDITIONAL REMARKS

GPO : 1971 O - 445-4