

JUL 02 1992

Docket No. 50-410

Niagara Mohawk Power Corporation  
ATTN: Mr. John Endries  
President  
300 Erie Boulevard West  
Syracuse, New York 13212

Dear Mr. Endries:

Subject: NRC INSPECTION OF NINE MILE POINT UNIT 2 EMERGENCY DIESEL  
GENERATOR PISTONS AND CYLINDER LINER DISTRESS (NRC  
INSPECTION REPORT 50-410/92-15)

This letter transmits the report for the inspection led by Mr. C. H. Woodard during the onsite periods of May 12-14 and May 26-29, 1992. This inspection assessed the magnitude of the emergency diesel generators (EDG) cylinder distress in both the Division 1 and Division II units and the effectiveness of corrective actions. At the conclusion of the inspection, an exit meeting was held on May 29th with Mr. M. McCormick and other members of the plant staff.

Overall, the results of the inspection indicate that plant management was most responsive in addressing this potential deficiency which had been defined in a draft Cooper EDG users group inspection guide dated April 8, 1992. Although one of the two Cooper EDG units had recently successfully completed five-year maintenance and surveillance tests which met all technical specification surveillance and maintenance requirements to qualify it for operability and the other was near completion, each was successively declared inoperable to perform the draft guide inspection. This inspection led to major EDG engine overhauls to replace distressed pistons and cylinder liners and to remove piston wrist pin seals and bottom skirt oil scraper rings to improve lubrication. The coordination of these inspections and replacements with the EDG manufacturer and the users group was considered effective in providing for the prompt identification of the damage and for the proper repairs and replacements required to restore the units. The further root cause evaluations and enhanced EDG operational inspections you plan should provide yourselves, the industry, and NRC with additional confirmations that the basic problems (root causes) which led to this cylinder distress have been corrected. Your root cause analysis evaluation and enhanced inspection findings will be reviewed in future inspections.

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PDR ADOCK 05000410  
G PDR

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No reply to this letter is required. Your cooperation in this matter is appreciated.

Sincerely,

Clifford Anderson, Acting Chief  
Engineering Branch  
Division of Reactor Safety

cc w/encl:

B. Ralph Sylvia, Executive Vice President - Nuclear  
J. Firlit, Vice President - Nuclear Generation  
C. Terry, Vice President - Nuclear Engineering  
J. Perry, Vice President - Quality Assurance  
S. Wilczek, Jr., Vice President - Nuclear Support  
K. Dahlberg, Unit 1 Plant Manager  
M. McCormick, Unit 2 Plant Manager  
D. Greene, Manager, Licensing  
J. Warden, New York Consumer Protection Branch  
G. Wilson, Senior Attorney  
M. Wetterhahn, Winston and Strawn  
Director, Power Division, Department of Public Service, State of New York  
C. Donaldson, Esquire, Assistant Attorney General, New York Department of Law  
K. Abraham, PAO (2) All Inspection Reports  
Public Document Room (PDR)  
Local Public Document Room (LPDR)  
Nuclear Safety Information Center (NSIC)  
State of New York, SLO Designee



Niagara Mohawk Power Corporation

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bcc w/encl:

Region I Docket Room (with concurrences)

W. Lanning, DRS

C. Cowgill, DRP

J. Yerokun, DRP

L. Nicholson, DRP

S. Greenlee, DRP

W. Schmidt, SRI - Nine Mile

R. Lobel, OEDO

R. Capra, NRR

J. Menning, NRR

D. Brinkman, NRR

DRS/EB SALP Coordinator

RI:DRS  
Woodard  
*CHW*  
07/01/92

RI:DRS  
Ruland  
*WRK*  
07/11/92

RI:DRS  
Anderson  
*c/a*  
07/14/92

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