CENTRAL FILES

NIAGARA MOHAWK

NIAGARA MOHAWK POWER CORPORATION/300 ERIE BOULEVARD WEST, SYRACUSE, N.Y. 13202/TELEPHONE (315) 474-1511

December 10, 1979

Mr. Boyce H. Grier, Director
U. S. Nuclear Regulatory Commission
Region I
631 Park Avenue
King of Prussia, Pennsylvania 19406

Re: Nine Mile Point Unit 1
Docket No. 50-220
DPR-63

Dear Mr. Grier:

Our letters of July 6, September 4, and October 15, 1979 contain information related to Inspection and Enforcement Bulletin 79-02 and its revisions.

The attachment to this letter contains responses to Revision 2 and also provides all remaining information on the previous Bulletin.

Very truly yours,

NIAGARA MOHAWK POWER CORPORATION

R. R. Schneider
Vice President - Electrical Production

SWW/kmb
Attachment

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FINAL RESPONSE

TO INSPECTION AND ENFORCEMENT BULLETIN 79-02

DECEMBER 3, 1979

Revision 2

Revision 2 of I.E. Bulletin 79-02 addressed concerns regarding preload, the use of expansion anchor bolts in concrete block walls and the use of concrete expansion anchor bolts in pipe supports which did not use baseplates.

Niagara Mohawk addressed the effects of preload on the anchor bolt ultimate capacity under dynamic loading in our previous transmittal dated September 4, 1979 and in the Teledyne Engineering Services Report TR-3501-1, Revision 1 entitled, "Summary Report - Generic Responses to USNRC I&E Bulletin 79-02 Baseplates/Concrete Expansion Anchor Bolts."

During the Testing and Inspection Program, less than five baseplate supports were found anchored in concrete block (masonry) walls. Our calculations concluded that several of these supports experienced negligible loads and the support design was adequate. The remaining supports which experienced greater loads were redesigned, rebuilt and anchored to steel or concrete to assure integrity of the system under the imposed loads.

Regarding pipe supports which did not use baseplates, Niagara Mohawk's Testing and Inspection Program, performed to meet the requirements of I.E. Bulletin 79-02, was applied to all seismic Class I support structures, including those pipe supports which used structural steel shapes instead of baseplates.

Summary of Inspection

Niagara Mohawk has completed its analysis, testing, inspection and repair program in accordance with I.E. Bulletin 79-02. The results of this program are summarized below.

Testing, Inspection and Repair Program
in Accordance with
I.E. Bulletin 79-02

Total No. of Restraints on Safety-Related Systems	No. of Restraints with Concrete Expansion Anchors	No. of Repairs	No. of Bolts Tested	No. of Bolt Failures
~2350	~1500	~400	~1000	1

Our previous transmittal of July 6, 1979 indicated that one (1) bolt per baseplate would be pull-tested if practical. As shown above, in some instances baseplates with anchor bolts were not pull-tested. Justification for this decreased pull-test frequency is summarized below:

Summary of Inspection (Continued)

1. Low bolt loadings on some baseplates.
2. Inaccessibility of bolts to test apparatus.
3. Bolts were recently repaired.
4. Low bolt failure rate.

The aforementioned information supplements our previous transmittals of July 6, September 4, and October 15, 1979, and these constitute our complete response to I.E. Bulletin 79-02, its revisions and supplements.