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 AUTH. NAME AUTHOR AFFILIATION  
 RHODE, G.K. Niagara Mohawk Power Corp.  
 RECIP. NAME RECIPIENT AFFILIATION  
 RUBENSTEIN, L.S. Assistant Director for Reactor Systems

SUBJECT: Forwards "DYWIDAG Threadbar Splice Sys," per 800325 addl info request re util reinforcing steel bar splicing method.

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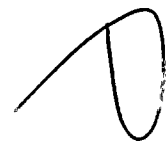
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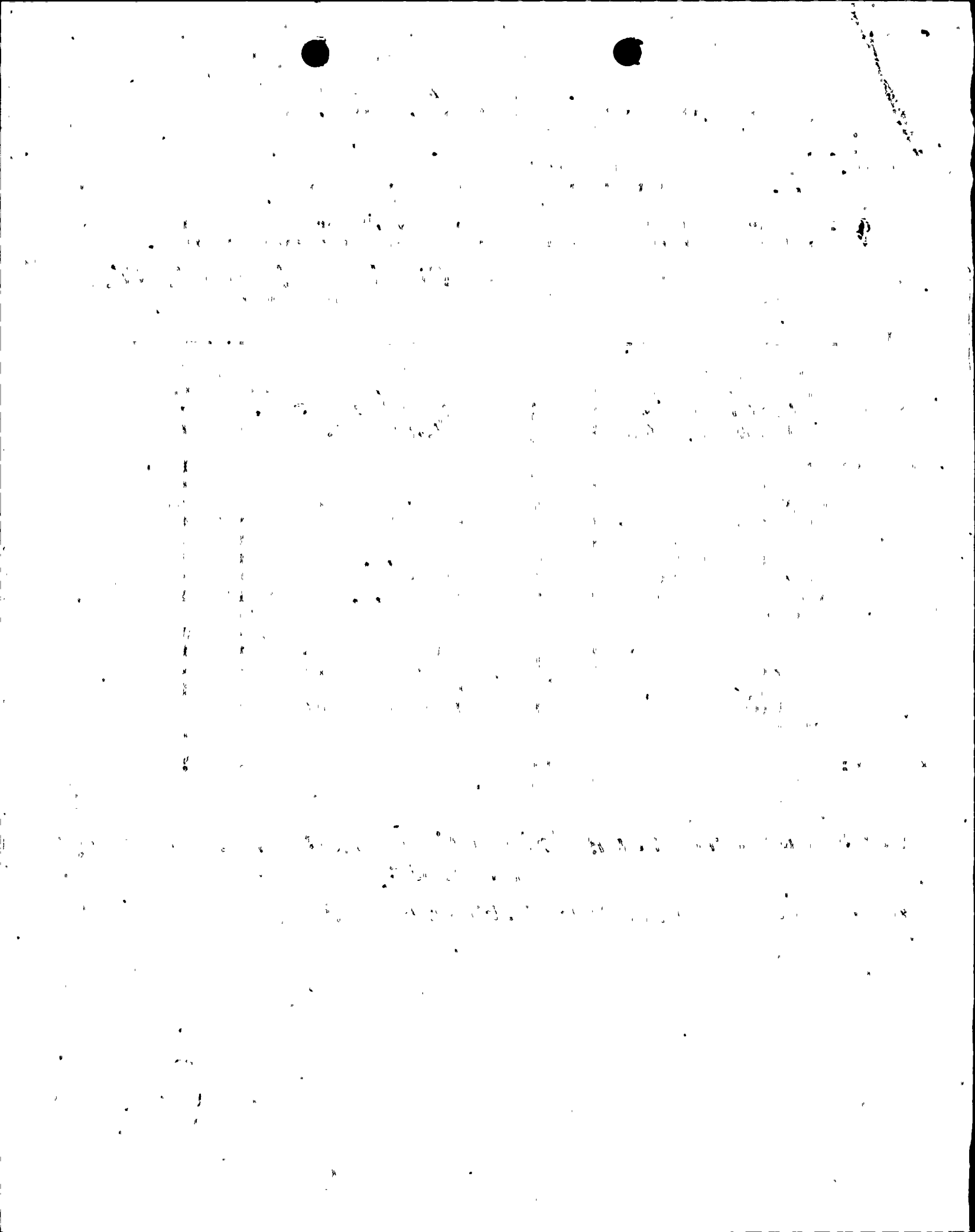
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NIAGARA MOHAWK POWER CORPORATION/300 ERIE BOULEVARD WEST, SYRACUSE, N.Y. 13202/TELEPHONE (315) 474-1511

June 17, 1980

L. S. Rubenstein, Acting Chief  
Lightwater Reactors, Branch No. 4  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Dear Mr. Rubenstein:

Re: Nine Mile Point Unit 2  
Docket No. 50-410

Enclosed is the additional information requested in your letter dated March 25, 1980. This concerns Niagara Mohawk's use of the DYWIDAG Threadbar System for splicing reinforcing steel bars.

Niagara Mohawk's request of August 9, 1979 to approve the use of the DWIDAG Threadbar System referenced ASME Section III, Division 2 Code Case 1758. This code case, which applies to reinforcing bar splice systems when a taper threaded splice is used, is generally applicable. Code Case N-186, which is included in Attachment 1 of the information package, is the specific code case applicable to the DWIDAG Threadbar System.

Included in Attachment 3 of the information package is a description of the qualification and performance testing of the splices, as referenced in Section 2 of ASME Code Case N-186 for material selection. The Performance Test data shows that this splicing method is adequate for use in highly stressed areas. The last two pages of the notebook indicate that eight nuclear power plants have used the DYWIDAG system for Category I application.

Niagara Mohawk proposes to utilize this system in certain places in Category I structures. Specifically, this will be used at the junction of the slab and wall of the reactor building and for temporary equipment blockout in walls in the form of dowels.

The use of this system will not change the principal architectural and engineering criteria and environmental protection commitments set forth in the construction permit for Nine Mile Point Unit 2. Since the safety of the structures using the DYWIDAG system has not changed, the same level of projection will be maintained. Therefore, a construction permit amendment is not required for use of this system.

Although the Commission's Rules of Practice and its Regulations do not require the information to be submitted with notarization and only require construction permit and operation license applications and amendments to be submitted under oath or affirmation, this information is submitted with the notarization requested in your letter of March 25, 1980.

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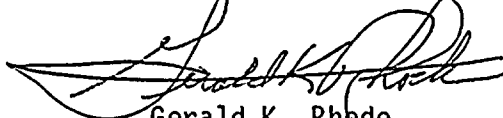
June 17, 1980

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Your expeditious review and approval of the use of the threaded splice method for reinforcing steel bar splicing in Category I structures is requested, so that we may incorporate it into our current construction schedule.


Very truly yours,

NIAGARA MOHAWK POWER CORPORATION



Gerald K. Rhode  
Vice President  
System Project Management

Sworn to before me on  
June 17<sup>th</sup> 1980



PEF:jk  
Enclosure

HAZEL J. CARRICK  
Notary Public in the State of New York  
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My Commission Expires March 30, 1982

