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 GIESLER, C.W.                    Wisconsin Public Service Corp.  
 RECIP. NAME                    RECIPIENT AFFILIATION  
 VARGA, S.A.                      Operating Reactors Branch 1

SUBJECT: Advises that info re ECCS models incorporating upper plenum injection, per 821101 request, will be submitted no later than 830215.

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# WISCONSIN PUBLIC SERVICE CORPORATION



P.O. Box 1200, Green Bay, Wisconsin 54305

December 15, 1982

Mr. S. A. Varga, Chief  
 Operating Reactors Branch #1  
 Division of Licensing  
 Office of Nuclear Reactor Regulation  
 U.S. Nuclear Regulatory Commission  
 Washington, D.C. 20555

Gentlemen:

Docket 50-305  
 Operating License DPR-43  
 Kewaunee Nuclear Power Plant  
Upper Plenum Injection Modeling

Reference: Letter dated November 1, 1982 from S. A. Varga (NRC) to  
 E. R. Mathews (WPSC)

Your letter of November 1, 1982 requested that WPSC submit ECCS models which specifically treat upper plenum injection by December 15. As you know, this effort was in progress during 1978 and early 1979, but was stopped in late 1979 when it was "pre-empted" by other work.

As we discussed with our project manager and the NRC's technical reviewer for upper plenum injection on November 19, 1982, it is not possible to provide the requested analyses by December 15, 1982. We have re-initiated this effort with our current fuel vendor and expect to have the analyses for review by mid January.

Accordingly, the ECCS model incorporating upper plenum injection will be submitted approximately the end of January, but no later than February 15, 1983.

Very truly yours,

Carl W. Giesler  
 Vice President - Nuclear Power

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smv  
 cc: Mr. Robert Nelson, US NRC

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