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 AUTH. NAME: AUTH. AFFILIATION  
 MECREY, R.C. Rochester Gas & Electric Corp.  
 RECIP. NAME: RECIPIENT AFFILIATION  
 JOHNSON, A.. Project Directorate I-3

SUBJECT: Informs that plant ECCS analysis, including effects of UPI will be performed using method described in Westinghouse Rept, WCAP-10924-P, Rev 2, Vol 2 & schedule for submitting analysis will be finalized, per NRC review & acceptance.

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July 16, 1991

U.S. Nuclear Regulatory Commission  
Document Control Desk  
Attn: Allen R. Johnson  
Project Directorate I-3  
Washington, D.C. 20555

Subject: ECCS Evaluation Including the Effects  
of Upper Plenum Injection  
R.E. Ginna Nuclear Power Plant  
Docket No. 50-244

- Reference:
1. NRC to RG&E letter, from J. A. Zwolinski to R. W. Kober, "Development of an Acceptable ECCS Evaluation Model Which Includes the Effects of Upper Plenum Injection," dated 2/12/85.
  2. RG&E to NRC letter, from R. C. Mecredy to A. R. Johnson, "NRC Bulletin 88-04, Potential Safety-Related Pump Loss," dated 3/12/90.
  3. NS-NRC-91-3537, "WCAP-10924-P, Revision 1; "Westinghouse Large Break LOCA Best Estimate Methodology, Volume 1; Model Description and Validation," Addendum 4, "Model Revisions [Proprietary]," Letter from W. J. Johnson (Westinghouse) to V. H. Wilson (NRC), dated September 5, 1990.
  4. Letter from A. C. Thadani (NRC) to W. J. Johnson (Westinghouse), "Acceptance for Referencing Licensing Topical Report WCAP-10924, 'Westinghouse Large Break LOCA Best Estimate Methodology,' Volume 1, 'Model Description and Validation,' Addendum 4, 'Model Revisions,' dated February 8, 1991.
  5. NS-NRC-91-3582, "WCAP-10924-P, Revision 2, Volume 2; "Westinghouse Large Break LOCA Best Estimate Methodology: Application to Two-Loop PWRs Equipped with Upper Plenum Injection," Addendum 3, "Upper Plenum Injection Model Improvement [Proprietary], Letter from S. R. Tritch (Westinghouse) to L. Sapp (NRC), dated April 19, 1991.

Dear Mr. Johnson:

Reference 1 requested Rochester Gas and Electric (RG&E) to submit an ECCS evaluation that included the effects of Upper Plenum Injection (UPI). Reference 2 stated an analysis would be submitted in mid-1991 using the Westinghouse

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Methodology for UPI. This analysis would incorporate SECY-83-472 best estimate methodology.

The Westinghouse efforts have been delayed by activities related to the resolution of the decay heat code logic deviation, documented in Reference 3, and subsequent analysis activities. The NRC provided a favorable safety evaluation report (SER) in Reference 4. Since it is desirable to obtain the maximum benefit possible, the Ginna Station ECCS analysis will be performed using the methods described in Reference 5, which provides UPI model improvements. It is our understanding from discussions with Westinghouse that the review of this document will be completed by the end of 1991. The RG&E schedule for submitting the analysis will be finalized following this NRC review and acceptance.

Very truly yours,

  
Robert C. Mecredy

RWE/160  
Attachment

xc: Mr. Allen R. Johnson (Mail Stop 14D1)  
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Washington, D.C. 20555

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Ginna Senior Resident Inspector