**Nebraska Public Power District**

GENERAL OFFICE
P.O. BOX 499, COLUMBUS, NEBRASKA 68601-0499
TELEPHONE (402) 564-8561

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June 21, 1983

Director of Nuclear Reactor Regulation
Attention: Mr. Domenic B. Vassallo, Chief
Operating Reactors Branch No. 2
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Vassallo:

Subject: Post-Accident Sampling System, Item II.B.3,

- Reference:
- 1) Letter from J. M. Pilant to D. B. Vassallo dated April 22, 1983, "NPPD Response to Request for Additional Information per Reference 1"
 - 2) Letter from D. B. Vassallo to J. M. Pilant dated February 15, 1983, "Review of Post-Accident Sampling System, NUREG-0737, Item II.B.3"

In a telephone conversation May 31, 1983, the Staff requested that the District document clarification of two of the items which were responded to in Reference 1. This letter is written to provide the requested information.

In Attachment 1 of Reference 2 the following statements are made:

"In addition to the radionuclide measurements, other plant indicators may be available which can aid in estimating core damage. These include incore temperature indicators, total quantity of hydrogen released from zirconium degradation and containment radiation monitors. When providing an estimate of core damage the information available from all indications should be factored into the final estimate (i.e. if the incore temperature indicators show fuel overhear and the radionuclide concentration indicate no damage, then a recheck of both indications should be performed)."

Cooper Nuclear Station Procedure 8.4.1.1.a will be revised by July 15, 1983, to consider indications specified above in the final estimation of core damage. It should be noted that CNS does not have incore temperature indicators. These indicators are not required per Regulatory Guide 1.97. - Rev. 3, May 1983, and generic letter 82-33 Supplement 1 to NUREG 9737.

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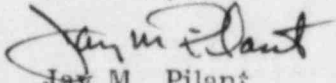
The accuracy of the following analyses are provided:

Reactor Coolant Total Gas	=	±20%
Reactor Coolant Oxygen	=	±50%
Reactor Coolant Ph	=	±2.0%
Containment Atmosphere Hydrogen	=	±0.2%

It is understood that the above accuracies are acceptable since they are based upon "state of the art" methodologies.

Based upon the discussion with the Staff, the District believes that the above supplementary information adequately addresses all of the Staff's concerns related to Reference 1.

Sincerely,



Jay M. Pilant
Division Manager of Licensing &
Quality Assurance

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