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IPN-89-047

U.S. Nuclear Regulatory Commission
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Subject: Indian Point 3 Nuclear Power Plant
Docket No. 50-286
Request for Temporary Waiver of Compliance and Emergency
Technical Specification Amendment to the Design Service Water System
Inlet Temperature and the Containment Air Temperature

- References:
1. Letter from Mr. J. C. Brons to the NRC dated July 24, 1989 entitled, "Proposed Technical Specification changes to Increase the Design Basis Ultimate Heat Sink Temperature (TAC 69081)."
 2. Letter from Mr. J. D. Neighbors, NRC to Mr. J. C. Brons, dated August 25, 1988 "Corrected Amendment No. 82 (TAC 69081)."

Dear Sir:

Pursuant to 10 CFR 50.91(a)(5), this letter requests a Temporary Waiver of Compliance and emergency Technical Specification Amendment for the design service water inlet temperature and the containment air temperature be granted as expeditiously as possible. The current values are 85°F for the service water inlet temperature (Technical Specification Basis 3.3) and 120°F for the containment air temperature (Technical Specification Basis 4.4). We request that an emergency Technical Specification Amendment be approved to allow plant operation with a service water inlet temperature up to 95°F and with a containment air temperature up to 130°F. The basis of this request and supporting technical information is contained in Reference 1, which requested a permanent revision to the Technical Specifications regarding these temperature parameters. In that submittal results of analyses are presented which show that equipment serviced by the Service Water and Component Cooling Water Systems can perform its safety function with a river water temperature up to 95°F and that equipment located inside containment can perform its safety function at air temperatures up to 130°F. These analyses include normal as well as abnormal operation of Indian Point 3 (IP3). Based on the river water temperatures recorded in the summer of 1988, the Authority initiated efforts to permanently revise the Technical Specifications. The results of this effort are contained in Reference 1. Extensive analyses of equipment and systems were required to be performed over many months and, thus, precluded earlier

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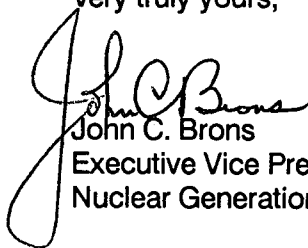
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submission of the proposed Technical Specification changes. In addition, in order to complete the analyses, confirmatory system balancing was completed during the refueling outage which ended June 24, 1989.

Reference 1 included appropriate Technical Specification page revisions. These changes, if approved as a temporary emergency Technical Specification change, would either expire on October 1, 1989 (similar to Reference 2) or become permanent when Reference 1 is subsequently approved. A similar Technical Specification Amendment was issued in 1988 (Reference 2) and since plant heat loads have not changed, the same basis applies to this request. Failure to approve this emergency change to the Technical Specifications will result in commencing a shutdown of the plant whenever service water temperature exceeds 85°F. River water temperature is peaking above 82°F on a daily basis and is projected to peak above 85°F in a couple of days. Until the high temperature conditions subside, IP3 can be expected to cycle down and up in power each day unless this relief in specifications is granted.

Should you or your staff have any questions regarding this matter, please contact Mr. P. Kokolakis of my staff.

Very truly yours,



John C. Brons
Executive Vice President
Nuclear Generation

cc: see next page.

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