Description of amendment request: The amendment request would revise the Technical Specification Section 3.2.3.1.a and Table 2.2–1 to decrease the acceptance criterion for measured reactor coolant system (RCS) flow rate from 387,480 gallons per minute (gpm) to 371,920 gpm.

Basis for proposed no significant hazards consideration determination: As required by 10 CFR 50.91(a), the licensee has provided its analysis of the issue of no significant hazards consideration (SHC), which is presented below:

\* \* \* The proposed changes do not involve an SHC because the changes would not:

1. Involve a Significant Increase in the Probability or Consequence of an Accident Previously Evaluated.

An evaluation of the 4% decrease in the RCS total flow rate limit has shown that the change does not significantly impact the design basis analyses. Therefore, the change will not increase the consequences of an accident previously evaluated.

There are no actual plant changes that will result from this technical specification change. Instead, the technical specification requirement for minimum total RCS flow rate is being changed to provide operational benefit without compromising safety. Since there are no plant changes, there is no effect on the probability of occurrence of previously evaluated accidents.

The change will have a negligible impact on the small break loss of coolant accident (LOCA) and large break LOCA analyses. The PCT [peak cladding temperature] acceptance criteria will continue to be met with the assumption of a 4% reduction in RCS flow rate.

For the steam generator tube rupture event, both the FSAR [Final Safety Analysis Report] offsite dose analysis and the margin of steam generator (SG) overfill were evaluated. It was determined that the 4% reduction in RCS flow rate will not adversely affect the offsite doses or the margin to SG overfill and, therefore, the FSAR conclusions remain unchanged.

In the evaluation of non-LOCA transients, the DNB [departure from nucleate boiling] is the most affected parameter due to a change in flow rate. It was concluded that the 4% reduction in RCS flow was acceptable and there was margin to the DNB limit.

It is concluded that there is sufficient margin to the system pressure, PCT and DNB limits to offset the effect of the 4% flow rate decrease and the calculated radiological releases associated with the analysis are not affected. Therefore, there is no effect on the consequences of previously evaluated accidents.

2. Create the Possibility of a New or Different Kind of Accident from any Previously Analyzed.

The low loop flow trip setpoint specified in Technical Specification Table 2.2–1 is set as a fraction of total flow. The flow fraction is not being changed and no hardware changes are required due to the reduction in minimum flow. Also, the reduction in minimum flow will not change the operation of any plant equipment and it does not modify plant operation.

Therefore, the reduction in minimum flow does not introduce any new failure modes or malfunctions and it does not create the potential for a new unanalyzed accident. 3. Involve a Significant Reduction in the Margin of Safety.

The proposed 4% decrease in the technical specification limit for total RCS flow rate will not adversely affect the results of the FSAR accident analysis, and it is concluded that this change is safe. The change does not adversely affect any equipment credited in the safety analysis, and it does not affect the probability of occurrence of any plant accident. Also, the change has a negligible impact on the PCT, and it does not increase the offsite doses or decrease the DNB below its acceptance limit.

Therefore, the change does not have any significant impact on the protective boundaries, and there is no reduction in the margin of safety as specified in the technical specifications.

The NRC staff has reviewed the licensee's analysis and, based on this review, it appears that the three standards of 10 CFR 50.92(c) are satisfied. Therefore, the NRC staff proposes to determine that the amendment request involves no significant hazards consideration.

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*NRC Project Director:* Phillip F. McKee.

Omaha Public Power District, Docket No. 50–285, Fort Calhoun Station, Unit No. 1, Washington County, Nebraska

Date of amendment request: January 9, 1995.

Description of amendment request: The proposed amendment to the technical specifications (TSs) would delete requirements for the toxic gas monitoring system (TGMS) as contained in TS 2.22 and TS 3.1, Table 3–3, item 29.

Basis for proposed no significant hazards consideration determination: As required by 10 CFR 50.91(a), the licensee has provided its analysis of the issue of no significant hazards consideration, which is presented below:

(1) The proposed changes do not involve a significant increase in the probability or consequences of an accident previously evaluated.

The previously evaluated accidents affected by this change are the on-site and off-site toxic chemical releases. These events have been re-evaluated for this proposed change and have been shown to meet the applicable regulatory screening criteria. The deterministic analyses performed show that the guidelines of Regulatory Guide 1.78 for control room habitability are met for on-site and most off-site chemicals. On-site chemical sources originally present when the toxic gas monitoring system was installed have been removed from site or determined not to exceed the deterministic analysis screening requirements. For those off-site chemical releases which did not meet the deterministic screening criteria a probabilistic analysis was performed. The probabilistic analysis performed in support of this proposed change shows that the probability of an offsite chemical release leading to 10 CFR 100 consequences is orders of magnitude less than the SRP [Standard Review Plan] 2.2.3 guidelines. These results show that there is no significant increase in the probability or consequences of any accident previously evaluated.

(2) The proposed changes do not create the possibility of a new or different kind of accident from any previously analyzed.

Only events involving chemicals for which the TGMS provides an automatic detection/ isolation function are affected by this change. As stated above, the potential events involving these chemicals have been reevaluated using the appropriate regulatory guidance and shown to satisfy either the deterministic screening criteria of RG [Regulatory Guide] 1.78, or to be probabilistically insignificant compared to the guidelines of SRP Section 2.2.3. These results show that the proposed change will not create the possibility of a new or different kind of accident from any previously evaluated. Therefore, the proposed change does not create the possibility of a new or different kind of accident from any previously analyzed.

(3) The proposed changes do not involve a significant reduction in a margin of safety.

The margin of safety is defined by the regulatory basis for the existing TGMS, namely NUREG–0737, Item III.D.3.4. The analysis provided to support this proposed change follows the regulatory guidelines of RG 1.78 and SRP Section 2.2.3, as specified in NUREG–0737, Item III.D.3.4. The analysis shows that the applicable regulatory criteria are met and the proposed changes do not involve a significant reduction in a margin of safety.

The NRC staff has reviewed the licensee's analysis and, based on this review, it appears that the three standards of 10 CFR 50.92(c) are satisfied. Therefore, the NRC staff proposes to determine that the amendment request involves no significant hazards consideration.

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