



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

February 11, 2011

Mr. David A. Heacock
President and Chief Nuclear Officer
Dominion Energy Kewaunee, Inc.
Innsbrook Technical Center
5000 Dominion Boulevard
Glen Allen, VA 23060-6711

SUBJECT: KEWAUNEE POWER STATION (KPS) - CORRECTION OF SAFETY
EVALUATION ASSOCIATED WITH AMENDMENT NO. 207 REGARDING
TECHNICAL SPECIFICATION CONVERSION (TAC NO. ME2139)

Dear Mr. Heacock:

On February 2, 2011, the Nuclear Regulatory Commission (NRC) staff issued Amendment No. 207 to Facility Operating License No. DPR-43 for KPS. The amendment converted the KPS Technical Specifications (TSs) to the Improved Technical Specifications format.

Subsequent to issuance, we noted that the safety evaluation (SE) associated with the amendment contains a number of typographical errors. Accordingly, for page 3-8, we are re-issuing a corrected page (enclosed). The correction of these typographical errors does not change the NRC staff's conclusion regarding Amendment No. 207.

As a reminder, the corrected information is directly related to compliance with the TS requirement 5.5.16, "Setpoint Control Program." Specifically, the corrections apply to the values of the Nominal Trip Setpoint (NTSP), As-Found Tolerance (AFT), and As-Left Tolerance (ALT) for the affected function(s). The NRC staff has not approved processing changes to KPS instrumentation setpoints under 10 CFR 50.59 using an approved setpoint methodology as described in Option B of TSTF-493. In accordance with TS 5.5.16.b, NRC approval using 10 CFR 50.90 is required to change the listed values of the NTSP, Allowable Value, AFT, and ALT (as applicable) for each Function described in Paragraph a of TS 5.5.16.

If you have any questions regarding this corrected page, please contact me at 301-415-3079.

Sincerely,

A handwritten signature in cursive script, reading "Karl Feintuch".

Karl Feintuch, Project Manager
Plant Licensing Branch III-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-305

Enclosure:
Revised Page 3-8 as stated

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Steam Generator Water Level Low Low Trip/Auxiliary Feedwater Initiation:

AL: 0.0% Narrow Range (NR) Level
 AV: 4.087% NR Level
 LTSP: 4.496% NR Level
 AFT Limit: 15.88% NR Level
 NTSP: 17.0% NR Level
 AFT: $\pm 1.12\%$ Level
 ALT: $\pm 0.5\%$ Level

Steam Generator Water Level High High:

AL: 100.00% NR Level
 AV: 92.486% NR Level
 LTSP: 92.077% NR Level
 AFT Limit: 67.62% NR Level
 NTSP: 66.50% NR Level
 AFT: $\pm 1.12\%$ NR Level
 ALT: $\pm 0.50\%$ NR Level

Safeguards Bus Undervoltage (Loss of Voltage): (Not credited in Safety Analysis)

NTSP: 101.69 VAC (84.47% of bus voltage)
 AFT: ± 0.241 VAC ($\pm 0.200\%$ of bus voltage)
 ALT: ± 0.200 VAC ($\pm 0.166\%$ of bus voltage)
 Time Delay NTSP: 1.75 seconds
 Time Delay AFT: ± 0.25 seconds
 Time Delay ALT: ± 0.10 seconds

Safeguards Bus Second Level Undervoltage (Degraded Voltage): (Not credited in Safety Analysis)

NTSP: 112.93 VAC (93.80% of bus voltage)
 AFT: ± 0.215 VAC ($\pm 0.179\%$ of bus voltage)
 ALT: ± 0.200 VAC ($\pm 0.166\%$ of bus voltage)
 Time Delay NTSP: 6.72 seconds
 Time Delay AFT: ± 0.68 seconds
 Time Delay ALT: ± 0.10 seconds

Forebay Level: (Not credited in Safety Analysis)

NTSP: 162" Water Level (equivalent to 566 feet 0" above sea level)
 AFT: ± 9 " Water Level
 ALT: ± 4.5 " Water Level

Containment Purge and Vent System Radiation Particulate Detector and Radioactive Gas Detector Containment Ventilation Isolation: (Not credited in Safety Analyses) (Not within scope of Setpoint Control Program)

NTSP: High Alarm setpoint is set conservative with respect to $2.2 \text{ E}+5$ Counts/Min + Background, based on limits established in the Offsite Dose Calculation Manual
 AFT Limit: ($2.2 \text{ E}+5$ Counts per minute + Background)
 ALT Limit: $8.00\text{E}+4$ Counts per minute

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/RA/

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ADAMS ACCESSION NUMBER: **ML110420278**

* concurred by email

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