

May 10, 1993

Docket Nos. 50-413
and 50-414

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Mr. M. S. Tuckman
Vice President, Catawba Site
Duke Power Company
4800 Concord Road
York, South Carolina 29745

Dear Mr. Tuckman:

SUBJECT: CORRECTION TO CATAWBA LICENSE AMENDMENTS 107 AND 101

On March 23, 1993, the NRC issued Amendments 107 and 101 to Facility Operating Licenses NPF-35 and NPF-52 for the Catawba Nuclear Station, Units 1 and 2, Technical Specifications (TS).

On May 5, 1993, your staff identified that the title to Note 3 of TS Table 2.2-1 had been erroneously changed from "OVERPOWER ΔT" to "OVERTEMPERATURE ΔT." We agree that the title for Note 3 was "OVERPOWER ΔT" before the amendment, that it was not the subject of change in the amendment process, and accordingly, that it should be corrected to read "OVERPOWER ΔT."

Enclosed is a corrected page 2-9 for TS Table 2.2-1.

Sincerely,

ORIGINAL SIGNED BY:

Robert E. Martin, Senior Project Manager
Project Directorate II-3
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Office of Nuclear Reactor Regulation

Enclosure:
TS page 2-9

cc w/enclosure:
See next page

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Catawba Nuclear Station

cc:

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TABLE 2.2-1 (Continued)
TABLE NOTATIONS (Continued)

NOTE 3: OVERPOWER ΔT

$$\Delta T \frac{(1 + \tau_1 S)}{(1 + \tau_2 S)} \left(\frac{1}{1 + \tau_3 S} \right) \leq \Delta T_o \left(K_4 - K_5 \left(\frac{\tau_7 S}{1 + \tau_7 S} \right) \left(\frac{1}{1 + \tau_6 S} \right) T - K_6 \left[T \left(\frac{1}{1 + \tau_6 S} \right) - T'' \right] - f_2(\Delta I) \right)$$

Where: ΔT = As defined in Note 1,

$\frac{1 + \tau_1 S}{1 + \tau_2 S}$ = As defined in Note 1,

τ_1, τ_2 = As defined in Note 1,

$\frac{1}{1 + \tau_3 S}$ = As defined in Note 1,

τ_3 = As defined in Note 1,

ΔT_o = As defined in Note 1,

K^4 = 1.0819

K_5 = 0.02/°F for increasing average temperature and 0 for decreasing average temperature,

$\frac{\tau_7 S}{1 + \tau_7 S}$ = The function generated by the rate-lag controller for T_{avg} dynamic compensation,

τ_7 = Time constant utilized in the rate-lag controller for T_{avg} , $\tau_7 = 10$ s,

$\frac{1}{1 + \tau_6 S}$ = As defined in Note 1,

τ_6 = As defined in Note 1,