



CONNECTICUT YANKEE ATOMIC POWER COMPANY

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September 9, 1982

Docket No. 50-213
A02648

Director of Nuclear Reactor Regulation
Attn: Mr. Dennis M. Crutchfield, Chief
Operating Reactors Branch #5
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Reference: (1) D. M. Crutchfield letter to W. G. Council, dated
July 13, 1982.

Gentlemen:

Haddam Neck Plant
SEP Topic III-4.B, Turbine Missiles

Via Reference (1), the Staff forwarded the draft evaluation of SEP Topic III-4.B, Turbine Missiles, for the Haddam Neck Plant. Connecticut Yankee Atomic Power Company (CYAPCO) has reviewed Reference (1) and offers the following comments.

Reference (1) indicated that the maximum design overspeed for the Haddam Neck turbine is 134%. The correct value is 128%. The maximum expected overspeed (worst case) for the turbine overspeed protection control system as originally designed and furnished by the turbine vendor is 134%. The turbine vendor has stated in writing that although turbine overspeeds in excess of 128% of rated speed infringe on normal design margins, no permanent damage occurs and the safety of the turbine generator is not jeopardized at overspeeds up to 134%. This fact notwithstanding, the turbine overspeed protection system was upgraded in 1976 to provide greater assurance of limiting peak overspeeds to 128% or less of rated speed.

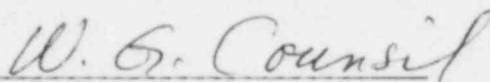
A035

Additionally, the correct overspeed for the December 3, 1977 trip is 17.8%, rather than the 20.8% shown on page 2 of the SER.

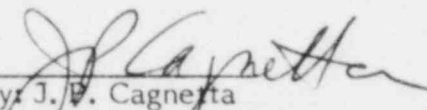
We trust the above comments will be appropriately incorporated into a revised SER for this topic.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY



W. G. Council
Senior Vice President



J. V. Cagnetta
Vice President, Nuclear and
Environmental Engineering