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Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Ms. E. G. Adensam, Chief
Licensing Branch No. 4

Re: Catawba Nuclear Station
Docket Nos. 50-413 and 50-414

Dear Mr. Denton:

In response to Proposed License Condition 18, Containment Purge Valve Operability, my letter of September 5, 1984 provided information to demonstrate the operability of valves VQ2A, VQ3B, VQ15B and VQ16A. The following information is provided to supplement the previous submittal.

As noted in the September 5, 1984 submittal, all four valves were supplied with Rotork electric motor operators set at 45 ft-lbs of output torque. This torque is more than adequate to assure valve closure against accident pressures. It is estimated that 4 ft-lbs of torque would be required to operate the valves VQ2A and VQ16A against an accident pressure of 15 psig and to overcome stem or packing loads and 14 ft-lbs of torque for valves VQ3B and VQ15B to operate under the same conditions. The valve manufacturers have confirmed that the 45 ft-lbs output torque of the electric motor operator would not damage the valves nor inhibit the valves from performing their intended function.

To assist the Staff in their review of the qualification of these valves copies of the valve specification, seismic report, frequency report and the static deflection test results for valve items 5B-473 and 2B-400 are attached. Five identical valves are included in item 5B-473, two of the valves are VQ2A and VQ16A. Ten identical valves are included in 2B-400, two of these valves are VQ3B and VQ15B.

Very truly yours,

H.B. Tucker

Hal B. Tucker

ROS:slb

Attachment

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Mr. Harold R. Denton, Director

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cc: (w/o attachment)

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Attachment 1
Specification
for
Valves VQ2A and VQ16A