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Omaha Public Power District

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June 26, 1979

Mr. K. V. Seyfrit, Director
U. S. Nuclear Regulatory Commission
Office of Inspection and Enforcement
Region IV
611 Ryan Plaza Drive
Suite 1000
Arlington, Texas 76011

Reference: Docket No. 50-285

Dear Mr. Seyfrit:

The Omaha Public Power District received IE Bulletin 79-01A, dated June 6, 1979, requesting that the District determine whether or not ASCO solenoid valves are used or planned for use in safety-related systems at the Fort Calhoun Station. If such valves are used or planned for use, identify the safety system involved and determine whether: (a) valves which could be subjected to a LOCA environment are qualified to that environment; specifically, that no parts made of acetal plastic or Buna-N materials or Class "A", "B", or "F" solenoid coils are used in such valves and (b) a preventive maintenance program is being conducted such that the solenoid coil, the manual operator (if applicable), and the resilient parts of the valve are being replaced in accordance with the time period established by the manufacturer and documented as the qualified life of the component.

In response to this supplement bulletin, it should be noted that the District has already determined that certain ASCO solenoid valves are used and planned for use in locations which could be subjected to LOCA environments, i.e., inside the reactor containment. Those valves which are presently in use in safety systems and are environmentally unqualified were reported previously to the Commission by letters dated May 15, 1979, May 29, 1979, and June 13, 1979. These correspondence provided the District's plans for replacing these unqualified valves with new environmentally qualified solenoid valves. These replacement solenoid valves (those solenoid valves planned for use) will be Valvcor Model V70900-21-3 solenoid valves and ASCO NP-1 series solenoid valves. Both of these valves model series have been environmentally qualified for the adverse conditions of a LOCA in accordance with IEEE Standards 323 and 384. However, as mentioned previously in the supplement bulletin (79-01A), the ASCO NP-1 solenoid valves may contain parts such as solenoid coils, resilient parts, etc., which may need replacement in accordance with manufacturer's instructions in order for the valve to remain environmentally qualified for the estimated 40-year lifetime of the plant. (It is expected that no Valvcor solenoid valve components

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Mr. K. V. Seyfrit
June 26, 1979
Page Two

will need to be replaced, as determined by the manufacturer, in order to attain environmental qualification for the expected lifetime of the plant.) Therefore, a preventive maintenance program will be initiated for changing out solenoid coils, resilient parts, etc., on all ASCO NP-1 series solenoids to be installed. This maintenance program will be developed in consideration of the replacement time periods/ intervals specified by the solenoid valve manufacturer in order that the valve remain qualified for the life of the plant. This preventive maintenance program should be incorporated as soon as the NP-1 replacement solenoid valves are installed.

Sincerely,

T. E. Short
for

T. E. Short
Assistant General Manager

TES/KJM/BJH:jmm

cc: LeBoeuf, Lamb, Leiby & MacRae
1333 New Hampshire Avenue, N. W.
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