



June 22, 1987

U. S. Nuclear Regulatory Commission
Office of Nuclear Reactor Regulation
Division of Reactor
Washington, D. C. 20555

brand industrial services, inc.

1420 renaissance drive
park ridge, illinois 60068
(312) 298-1200
telex 282482 brand prid

Attn: Mr. Ellis W. Merschhoff
Acting Chief, Vendor Inspection Branch
Mail Stop EWS 312A

Gentlemen:

We are in receipt of Docket No. 99901020/87-01 dated May 22, 1987, which was addressed to our President, Mr. Clayton W. Brown. While reviewing this document, we found two inaccurate statements which we would like to clarify.

The first paragraph on page four of this document makes reference to concern over one specific design configuration: cable tray penetrations filled with nine inches of silicone foam with no permanent dams installed. Following this description, the document states "these are typically wall penetrations and are 3-hour rated." Contrary to this statement, BISCO does possess a valid three hour fire test with nine inches of silicone foam and no permanent dams in a wall configuration. Test Report No. 3001-03B (copy enclosed) describes this qualification fire test which was performed on May 19, 1980. The test failure described in this Docket, BISCO Test Report 758-183, consisted of a nine inch silicone foam seal in a floor configuration.

American Nuclear Insurers issued a letter of acceptance for Test Report 3001-03B on June 25, 1980. A copy of this ANI letter has also been enclosed. However, this letter does not represent generic acceptance of this seal design by ANI for all ANI insured plants, because only one specific cable type was utilized in the construction of the test assembly.

Page 6 of the Docket includes a list of NGS facilities where ceramic board/fiber floor dams were commonly left in place with the silicone foam seals. The list indicates these dams were not left-in-place in seals at the Palo Verde Nuclear Generating Station. However, this was, in fact, a practice at Palo Verde as well.

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U. S. Nuclear Regulatory Commission
Attn: Mr. Ellis W. Merschoff

June 22, 1987
Page two

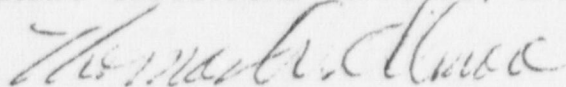
The primary concern expressed by Mr. Tinkel during your inspection centered around the adequacy of utilizing Test Report 748-134 as continued justification for nine inch thick silicone foam floor seals without permanent damming board. The universal practice of leaving ceramic board/fiber damming materials in place in floor penetrations should mitigate this concern.

In response to this concern and subsequent to your inspection, BISCO performed an additional fire test of a nine inch thick silicone foam floor seal with one inch ceramic damming board. This test was successful and should provide further substantiation for actual installed configurations.

If you should have any questions or comments, please do not hesitate to contact this office.

Sincerely,

BRAND INDUSTRIAL SERVICES, INC.



Thomas W. Gilmore, Vice President
BISCO Construction Group

TWG/vo
Enclosures

cc: L. Simms
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John J. Carney, Vice President

401/S-34

June 25, 1980

Mr. David R. Cichy
Construction Manager
Brand Industrial Services, Inc.
1420 Renaissance Drive
Park Ridge, Illinois 60068

Dear Mr. Cichy:

We have reviewed Bisco Fire Test Report No. 3001-03-B submitted with your letter of May 21, 1980, to Bill Bornhoeft. This 3 hour wall fire endurance test was conducted on May 19, 1980 at the Portland Cement Association.

The test configuration consisted of a 4" X 24" open ladder cable tray with a 40% loading of G.E. Geoprene control cable in a 30" X 30" X 12" opening sealed with 9" of Dow Corning 3-6548 (Bisco SF20) Silicone Foam.

The above configuration successfully passed the 3 hour fire endurance and hose stream test and is acceptable to American Nuclear Insurers for Insurance Purposes Only.

If we can be of any further assistance, please do not hesitate to contact us.

Sincerely,

Robert F. MacMillan/dm

Robert F. MacMillan
Project Engineer

RFM:dm

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