

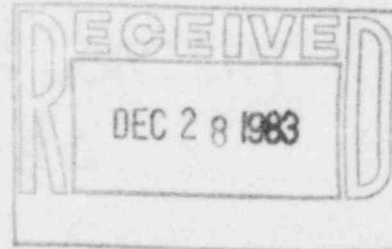


BETA PRODUCTS, INC.

P. O. Box 5004 / 1615 W. Beltline Road

Carrollton, Texas 75006 U.S.A. / Telex 73-0701 / 214/242-0644

December 20, 1983



Mr. J. T. Collins
Regional Administrator, Region IV
Office of Inspection & Enforcement
U.S. Nuclear Regulatory Commission
611 Ryan Plaza Drive, Suite 1000
Arlington, Texas 76012

Dear Mr. Collins:

This report is being submitted by Beta Products, Inc. in accordance with the requirements of 10CFR, Part 21.

This report is being filed by:

James L. Morris, Mgr. Q.A.
Beta Products, Inc.
1615 W. Beltline Rd.
Carrollton, Texas 75006

This report pertains to the Palo Verde Nuclear Generating Station, Units 1, 2, & 3 at Palo Verde, Arizona owned by Arizona Public Service Company.

During preoperational testing it was found that the power supplies for the 1E Annunciators, tag numbers 1J-RKB-UA-2D and 1J-RKB-UA-4E, were superimposing AC spikes onto the 125 VDC bus.

Reference is made to Deficiency Evaluation Report 83-52, which as already been filed by Bechtel Power Corporation, of Norwalk, California, in which Bechtel states the full nature of the problem and their analysis of the safety implications of the problem.

Corrective action taken by Beta Products, Inc. was to install a "pi" filter on the DC input lines of the power supply in question (Beta part number 803151-001), consisting of two (2) each 100 uh inductors (Beta part number 120157-001) and one (1) each 5 mf, 200 VDC capacitor (Beta part number 102052-001). The filter circuit was added by Beta Products, Inc. to one power supply and then the power supply was reinstalled in Unit 1 of the Palo Verde Nuclear Generating Station and evaluated by Bechtel engineering and determined to be acceptable to them. Since that time, Beta has installed the filter circuit on eight (8) additional power supplies and returned them to the jobsite at Palo Verde. There are now eight (8) more power supplies at Beta Products to be modified. Upon receipt by Beta Products of the remaining power supplies from the Palo Verde jobsite, corrective action can be completed on all such power supplies originally provided to the Palo Verde Nuclear Generating Station.

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INDUSTRIAL ANNUNCIATORS AND RELATED PRODUCTS

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J.T. Collins

A records search has revealed no evidence that Beta Products, Inc. has provided the same power supply to any other nuclear facility.

If there are any further questions regarding this matter, please contact the undersigned at 214)242-0644, Ext. 237.

Regards,

BETA PRODUCTS, INC.

James L. Morris
James L. Morris
Manager Quality Assurance

JLM:lm

CC: Reza Charoosie, Bechtel Power Corp.