1-?

Ray Smith. This supplements an early report from G.E

GENERAL ELECTRIC

NUCLEAR ENERGY BUSINESS OPERATIONS
GENERAL ELECTRIC COMPANY • 175 CURTNER AVENUE • SAN JOSE, CALIFORNIA 95125

MC 682, (408) 925-1913

Dec 10, 1984

MFN#168

Pt 21 85-005
EAB Event
Publicly Available INFO

U. S. Nuclear Regulatory Commission
Office of Inspection and Enforcement
Washington, D.C. 20555

Attention: Mr. Ernie Rossi

Gentlemen:

SUBJECT: TELECON- ADDITIONAL INFORMATION - INVERTER LOW VOLTAGE SHUTOFF

Please find the attached memo of my telecon, to you of December 7, 1983. The telecon provided supplemental information of additional GE application of the Topaz supplied Inverters with the low voltage shutoff condition.

Very truly yours,

G. B. Stramback, Manager
Safety Evaluation Programs

cc: L. S.Gifford, GE-Bethesda
U. Potapovs, NRC-Bethesda
G. G. Zech, NRC-Bethesda

IE19

MEMO OF TELECON

DATE: December 7, 1984

TIME: 11:50 am

PERSON CALLING: G. B. Stramback

PERSON CALLED: Ernie Rossi (NRC-I&E; 301-492-4193)

SUBJECT: ADDITIONAL INFORMATION - INVERTER LOW VOLTAGE SHUTOFF

E. Rossi was called in order to inform the NRC of supplemental information on the previously reported Inverter low voltage shutoff condition.

The concern is the adjustment of the low voltage shutoff and turnon for Class IE inverters. Additional affected hardware has been identified. The additional hardware (GE drawings 164C5243, 184C4669 & 147D8129) is inverters supplied as Class IE devices by the original manufacturer (Power Mark, a Division of Topaz). The previous report covered GE dedicated hardware (GE drawing 184C4723). Topaz had been routinely setting the low voltage cutoff at 105 Volts DC, while the required operable range was 100 to 140 volts.

The safety consequence and the system applications are the same as previously reported (October 8, 1984) however the projects affected are increased to include fourteen domestic and five foreign projects, see Attachment 1.

These Topaz supplied Class IE inverters are no longer supplied by Topaz as Class IE therefore no additional receipt of hardware is possible. All inverters users will be notified by Field Disposition Instruction (FDI) or Service Information Letter (SIL) to test inverter trip and restart voltages and adjust as necessary to insure that the inverters will operate at prescribed bus voltages.

Attachment

ATTACHMENT 1

DOMESTIC

Limerick 1&2
Shoreham
Hope Creek 1
Fermi 2
Nine Mile Point 1&2
Monticello
Fitzpatrick
Pilgrim
Dresden 2&3
Quad Cities 1&2
Perry 1&2
River Bend 1
Grand Gulf 1&2
Clinton