



A subsidiary of Thermo Instrument Systems Inc.

THIS IS A 10 CFR PART 21 NOTIFICATION

January 30, 1995

Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555

Subject: Spare parts supplied for Westronics chart recorder models S4N, D4N, T4N and 2100C.

Westronics has discovered that the possibility exists that some nonconforming diodes may have been used in safety related spare parts provided for the above noted instruments.

The offending parts are generic 6.3V zener reference diodes 1N825 (Westronics part number SE01N825-00). These particular diodes are easily identified as they are flat black in color with a gray band. These diodes were mixed in with other diodes received from an electronics component distributor.

An internal purge was performed in August of 1994 in our commercial production when the nonconforming diodes were discovered. All existing stock was purged because good and bad diodes were mixed together in stock. Westronics felt at the time that all of the bad components had been accounted for. However, service activity performed for GPU Nuclear Oyster Creek in January, 1995 on some commercial recorders (D4E3) revealed that some nonconforming diodes had been dedicated from our commercial stock and supplied in safety related spare parts.

The 1N825 diode is used to generate reference voltages in the signal conditioning circuits of the noted instruments. The nonconforming diodes are "noisy" and cause a drift in calibration of the host instrument. The diodes are found on the CB100124N02 and CB100124N04 signal input boards for the S4N, D4N and T4N series and the CB100243C01 ADC board for the 2100C series.

Westronics has been able to precisely determine which customers may have received spare parts with the bad diodes. A list of affected license holders and other recipients is attached for your reference. All customers on the list have received a similar notification.

Customers may obtain replacements or return boards for repair by contacting Westronics Recorder Service department at 1-800-433-2184.

For further information, please contact the undersigned at (713) 348-1780.

Sincerely,

Westronics Inc.

Chris Kelly
Quality Assurance Manager
/Attachment

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List of Affected Customers:

<u>Customer</u>	<u>Part Number</u>	<u>Lot Number</u>	<u>Qty</u>	
Entergy Operations - River Bend Station	CB100124N04	0037510	1	
Florida Power - Turkey Point Plant	CB100124N04	0037510	1	
	CB100124N04	0049330	1	
	CB100243C01	0036510	2	Supplied as KT100161C03 kit
New York Power - J.K. Fitzpatrick Plant	CB100124N04	0049330	1	
Taiwan Power Company	CB100124N04	0037510	3	
Victoreen Inc.	CB100124N02	0048910	15	