

**THIS IS A 10CFR PART 21 NOTIFICATION FOLLOW-UP REPORT**

**Contacts: Robert T. Agee**  
**Quality Assurance Manager**

**Larry Zett**  
**Service Manager**

September 28, 1998

US Nuclear Regulatory Commission  
Document Control Desk  
Washington, DC 20555

**Subject:** Westronics Model 1200AC and 1200BC Recorders  
**Reference:** Facsimile Message, Westronics to USNRC dated August 5, 1998, same subject

This letter is a follow-up to the reference letter, a notification of a defect associated with Westronics 1200AC and 1200BC recorders built under the Westronics 10CFR50 Appendix B Program.

On July 23, 1998, Westronics determined that three Westronics Series 1200A Commercial Grade recorders had exhibited an anomaly whereby the alpha-numeric and/or bar-graph displays went blank or froze, potentially presenting erroneous information to the operator.

The Westronics Series 1200A and 1200B recorders are ½ Din, programmable recorders which contain door mounted alphanumeric and bar-graph displays.

This anomaly is associated with repetitive openings and closures of the recorder door, which could cause strain related fractures in the flat-conductor cable routed to the door-mounted displays.

After the failure, the recorder continues to measure and process data correctly, and to alarm on process signals that have exceeded normal boundaries. The recorder pens also indicate signal levels correctly, however, the data which is measured and recorded may not match the data which is displayed on the alphanumeric and bar-graph displays.

There have been no reported field failures of safety related Series 1200 (1200AC or 1200BC) recorders.

Although the anomaly has been identified in Commercial Grade recorders only, Westronics has sent this notification to all customers who have purchased 1200AC and/or 1200BC recorders. The scope of the notification included fourteen (14) safety related recorders, of which thirteen (13) are Westronics Series 1200AC and one (1) is a Westronics Series 1200BC.

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The following is the list of safety related recorders which could potentially contain the defect, including Serial Number, Westronics Ship Date, Customer, Location Shipped To, and Purchase Order.

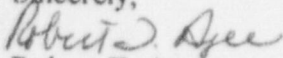
<u>Recorder Serial #</u>	<u>Ship Date</u>	<u>Customer</u>	<u>Shipped To</u>	<u>Purchase Order</u>
123AC1019	07/10/98	Duquesne Light	Beaver Valley	D162900
123AC1020	07/10/98	Duquesne Light	Beaver Valley	D162900
123AC1021	07/10/98	Duquesne Light	Beaver Valley	D162900
123AC1022	07/10/98	Duquesne Light	Beaver Valley	D162900
123AC1023	07/10/98	Duquesne Light	Beaver Valley	D162900
123AC1024	07/10/98	Duquesne Light	Beaver Valley	D162900
121BC7042	07/01/98	Entergy	Riverbend Sta.	RB972301
121AC1025	07/07/98	Entergy	Ark. Nuclear One	973287
121AC1026	07/07/98	Entergy	Ark. Nuclear One	973287
121AC1027	07/07/98	Entergy	Ark. Nuclear One	973287
122AC1028	07/07/98	Entergy	Riverbend Sta.	RB980091
122AC1029	07/07/98	Entergy	Riverbend Sta.	RB980091
123AC1030	07/07/98	Entergy	Riverbend Sta.	RB980091
123AC1031	07/07/98	Entergy	Riverbend Sta.	RB980091

A design modification was developed which provides a larger bend radius, and re-routes the flat-conductor cable, thereby greatly improving reliability of the part.

Westronics has notified the above listed customers and is currently making arrangements to implement the design modifications, either by rework at the Westronics facility, or by rework at the customer location, by Westronics Service Technicians. It is estimated that rework associated with the design modifications will be complete within sixty (60) days, or as soon as Westronics is contacted by the identified customers.

Should you have any questions regarding the above, please contact the undersigned.

Sincerely,



Robert T. Agee

Quality Assurance Manager