

THIS IS A 10CFR PART 21 NOTIFICATION

December 8, 1993

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

22001 Northpark Drive
Kingwood, Texas 77339-3804
Tel: 713/348-1000
Fax: 713/348-1283

Subject: Westronics Recorders - Models S4N, D4N, T4N, S4C, D4C, T4C, S4P, D4P, T4P
and RMAXC (GE/MAC replacement)

EnviroTech has been notified of the failure of a pen drive servo motor. Examination of the motor indicated that the shunt leads had been damaged during manufacturing and had then separated in operation, causing failure of the motor. This is the only failure that EnviroTech is aware of in a safety-related application. The failure mode in service would be evidenced by a straight pen trace that is unaffected by signal variations.

The motor in question is manufactured by Globe Motors and is purchased by EnviroTech through Globe distributors. Investigations conducted by the manufacturer have indicated that a potential assembly problem exists in the motors assembled in their Mexico facility. Production of this motor moved to the USA in May of 1993. Tooling changes by the manufacturer in the US facility eliminated assembly problems with motors manufactured after May, 1993.

The manufacturer is unable to provide EnviroTech with lot information that would allow us to narrow the scope of this notification. The design change associated with the assembly problems occurred in September, 1987. It is possible that motors manufactured between September 1987 and May 1993 may be subject to this type of failure.


Companies that have purchased the affected recorders are noted on the attached list. These customers may also have purchased, and may have in stock, replacement spare parts under any of the following Westronics part numbers: MA100000x01, MA100017x01 (x=C, N or P).

Customers may obtain replacements by contacting EnviroTech Controls Recorder Service at 1-800-433-2184.

For further information, please contact the undersigned, Homayoun Hadi, Quality Assurance Manager, or Chris Kelly, Quality Assurance Engineer at (713) 348-1000.

Sincerely,

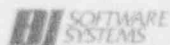
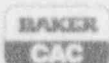
ENVIROTECH CONTROLS INCORPORATED


Thomas J. Graham
Director of Quality Assurance

TJG:ed

Attachment

9312270214 931208
PDR ADOCK 05000003
S PDR



Houston Atlas

Westronics

IE19
IE20
"

10CFR PART 21 NOTIFICATIONS

LISTING OF AFFECTED WESTRONICS RECORDERS

ASI
163 TALAMINE COURT
COLORADO SPRINGS, CO. 80907

SERIAL NOS. D4N1116
D4N1117

BOSTON EDISON
PILGRIM STATION
PLYMOUTH WAREHOUSE
RFD #1, ROCKY HILL ROAD
PLYMOUTH, MA. 02360

SERIAL NOS. T4N1110

COMMONWEALTH EDISON (1)
DRESDEN NUCLEAR STATION
ROUTE 1
MORRIS, ILLINOIS 60450

SERIAL NOS. T4N1075
T4N1078

CONSOLIDATED EDISON
INDIAN POINT STATION
BROADWAY & BLEAKLEY
BUCHANAN, N.Y. 10512

SERIAL NOS. D4N1109
D4N1110
T4N1076
T4N1095
T4N1096
T4N1097
T4N1098
T4N1099
T4N1100
T4N1101
T4N1102
T4N1103
T4N1104
T4N1105
T4N1106
T4N1107
T4N1111
T4N1112

EXO SENSORS
1220-B SIMON CIRCLE
ANAHEIM, CALIFORNIA 92806

SERIAL NOS. T4N1074

FLORIDA POWER & LIGHT CO.
P. O. BOX 14000
JUNO BEACH, FLORIDA 33408

SERIAL NOS. T4N1108
T4N1109
T4N1129

GENERAL ELECTRIC
175 CURTNER AVENUE
SAN JOSE, CALIFORNIA 95125

SERIAL NOS. D4N1112
D4N1113
D4N1114
D4N1115
D4N1123
D4N1124
D4N1125
D4N1132
D4N1133
T4N1077

ILLINOIS POWER
CLINTON POWER STATION
RR 3, BOX 678 (RTE. 54E)
CLINTON, ILLINOIS 61727

SERIAL NOS. D4N1099
D4N1100
D4N1130
D4N1131

KAMAN SCIENCES CORP.
P. O. BOX 7463
COLORADO SPRINGS, CO. 80933

SERIAL NOS. D4N1107
D4N1108

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NEW YORK POWER AUTHORITY
JAMES A. FITZPATRICK NPP
P. O. BOX 41
LYCOMING, NEW YORK 13093

SERIAL NOS. D4C1001
D4C1002
D4C1003
D4C1004
D4C1005
D4C1006
D4C1007
D4C1008
D4C1009
D4C1010
D4C1011
D4C1012
D4C1013
D4C1014
D4C1015

NIAGARA-MOHAWK POWER CORP.
NINE MILE POINT, UNIT 2
301 PLAINFIELD ROAD
SYRACUSE, NEW YORK 13212

SERIAL NOS. T4N1091
T4N1092
T4N1093
T4N1094
2100C1682
2100C1683
2100C1684
2100C1685
2100C1686
2100C1687
RMAXC1001
RMAXC1002
RMAXC1003
RMAXC1004
RMAXC1005
RMAXC1006
RMAXC1007
RMAXC1008
RMAXC1009
RMAXC1010

NIAGARA-MOHAWK POWER CORP.
(CONTINUED)

SERIAL NOS. RMAXC1011
RMAXC1012
S4N1016
S4N1017
S4N1018

NORTHEAST NUCLEAR ENERGY
NORTHEAST UTILITIES SERVICE CO.
P. O. BOX 270
HARTFORD, CONNECTICUT 06141-0270

SERIAL NOS. D4N1128
T4N1113
T4N1114
T4N1115
T4N1116
T4N1117

PACIFIC GAS & ELECTRIC
DIABLO CANYON POWER PLANT
P. O. BOX 56
AVILA BEACH, CALIFORNIA 93424

SERIAL NOS. D4P1001
D4P1002
D4P1003
D4P1004
D4P1005
D4P1006
D4P1007
D4P1008
D4P1009
D4P1010
D4P1011
D4P1012
D4P1013
D4P1014
D4P1015
D4P1016
D4P1017
D4P1018
D4P1019
D4P1020

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LISTING OF AFFECTED WESTRONICS RECORDERS

PACIFIC GAS & ELECTRIC (continued)
DIABLO CANYON POWER PLANT
P. O. BOX 56
AVILA BEACH, CALIFORNIA 93424

SERIAL NOS. D4P1021
D4P1022
D4P1023
D4P1024
D4P1025
D4P1026
D4P1027
D4P1028
D4P1029
D4P1030
D4P1031
D4P1032
D4P1033
D4P1034
D4P1035
D4P1036
S4P1001
S4P1002
S4P1003
S4P1004
S4P1005
S4P1006
T4P1001
T4P1002
T4P1003
T4P1004
T4P1005
T4P1006
T4P1007
T4P1008
T4P1009
T4P1010
T4P1011
T4P1012
T4P1013
T4P1014

PENNSYLVANIA POWER & LIGHT
SUSQUEHANA STEAM ELECTRIC
STATION
P. O. BOX 467
BERWICK, PENNSYLVANIA 18603

SERIAL NOS. D4N1097
D4N1118

PHILADELPHIA ELECTRIC COMPANY
P. O. BOX 195
WAYNE, PENNSYLVANIA 19087

SERIAL NOS. T4N1079
T4N1080
T4N1081
T4N1082
T4N1083
T4N1084
T4N1085
T4N1086
T4N1087
T4N1088
T4N1089
T4N1090

PORTLAND GENERAL ELECTRIC
TROJAN NUCLEAR PLANT
71760 COLUMBIA RIVER HWY.
RAINIER, OREGON 97048

SERIAL NOS. D4N1121
D4N1122
D4N1126
D4N1127

VERMONT YANKEE NUCLEAR PWR
FERRY ROAD
BRATTLEBORO, VT. 05301-7002

SERIAL NOS. D4C1016
D4C1017
D4C1018
D4C1019
D4C1020
D4N1098

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VICTOREEN
6000 COCHRAN ROAD
CLEVELAND, OHIO 44139-3395

SERIAL NOS. T4N1118
T4N1119
T4N1120
T4N1121
T4N1122

WESTRONICS EUROPE
UNIT 15 CHAMBERLAYNE ROAD
BURY ST. EDMUNDS
SUFFOLK, ENGLAND IP32 7EY

SERIAL NOS. D4N1119
D4N1120

Y-E-P INDUSTRIES
P. O. BOX 1702, EMIG ROAD
YORK, PENNSYLVANIA 17406-1702

SERIAL NOS. T4N1123
T4N1124
T4N1125
T4N1126
T4N1127
T4N1128