

Foxboro, MA U.S.A. 02035-2089
 Telephone 508 543-8750
 Telex 927-602 or TRT 174090

October 6, 1989

The Foxboro Company

Public Service Company of Colorado
 Fort St. Vrain Nuclear Generating Station
 Mr. R.O. Williams, Jr. V.P., Nuclear Operations
 P.O. Box 840
 Denver, CO 80201-0840

See attached computer run-off for order numbers and quantities.

Subject: Potential Deficiency Affecting Foxboro N-E11 and N-E13 Transmitters Containing 10-50mA Type Amplifier
 Pt. No. B0142EC
 Manufactured between January 1, 1988 and September 1, 1989

Our records indicate that you have received one or more Foxboro Transmitters and/or spare amplifiers of the type listed above. This letter is to advise you of deficiencies in the amplifier requiring replacement of all amplifiers (B0142EC) manufactured from January 1, 1988 through September 1, 1989. The Foxboro Company will provide replacement amplifiers free of charge. Similar model transmitters and amplifiers of the 4-20mA output type are not affected.

The deficiencies are workmanship related consisting of: 1) component leads were incorrectly soldered, and/ or 2) improper component lead position and trimming which could lead to grounding or bridging of circuits and possible arcing of a connection, and/or 3) possible omission of a soldered jumper "C".

The workmanship deficiencies have been localized to a particular area of the amplifier board and three specific components and their leads. The components are Q3, an output transistor; CR8, a zener diode; and C3, a capacitor. See the attached Exhibit A, Figures 1 and 2 of this notice which identifies the deficient area and components associated with the deficiencies.

Transmitter operation can be affected in the form of current output oscillations which may suddenly occur because of bridging and/or contact resistance changes from improper connections. In the case of a loose cathode tab connection with the zener case, arcing will occur which will cause current output oscillations. Incorrectly soldered connections and/or a loose zener tab could individually, and in some combinations, cause output oscillations. Some amplifiers shipped as spare parts were missing the "C" jumper. These amplifiers would experience output oscillations immediately upon test powering, thus indicating that the amplifier was unusable.

Transmitters with amplifiers which may have the workmanship deficiencies were processed through manufacturing tests without the output oscillations occurring. However, deficient contact lead integrity can change with the influences of time, temperature,

B9101B0191 B91006
 PDR PT21 EMVFOXB
 B9 PNU

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vibrations and shock; thus a potential problem may or may not surface under normal conditions. Large thermal changes (LOCA's) are of most concern as well as seismic occurrences since these could trigger the transmitter output oscillations.

All amplifiers date coded 2B8801 through 2B8936, whether shipped as a component of a transmitter or as a spare part, must be replaced because of the discussed deficiencies. To aid in locating all of these amplifiers at your facility we advise you that transmitters shipped between January 1, 1988 and September 1, 1989 may contain the affected amplifier. In addition, please be certain to check your spare amplifiers for these date codes. The amplifier date code is on the back of the mounting side of the amplifier on a label which states plant of manufacture, and the year and the week of manufacture. Example: 2B8812 i.e.

2B - Plant of Manufacture
88 - Year of Manufacture
12 - Week of Year Manufactured

See attached Exhibit A, Figure 3 for location of the date code.

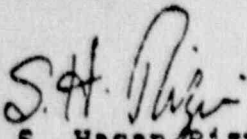
The number below the date code is an amplifier serial number.

Amplifiers must be replaced and will not be repaired by Foxboro. The 1988 to 1989 time frame has been identified through return failure analysis and stock inspections as the only period wherein the subject amplifier Part Number B0142EC has the identified deficiencies. Analysis and testing determined that the deficiency was not caused by the components but by workmanship deficiencies.

Also attached to this notification is a synopsis of test results intended to provide the user with some degree of possible transmitter output responses. See Exhibit B

B0142EC 10-50mA output amplifiers date coded pre 2B8801 (pre-Jan. 88, Wk 01) are NOT affected and 4-20mA output amplifiers are NOT affected.

Please notify the Foxboro Company, Ms. Eileen Morris (1-508-549-4137) as to the number of needed replacement amplifiers. Certificates of Conformance will be provided with either individual or group amplifier replacements referencing part number, model and serial number of the complete transmitter where applicable. For technical questions regarding these deficiencies, please contact Mr. Jack Sears (1-508-549-2191) or Mr. James Kaiper (1-508-549-6332).

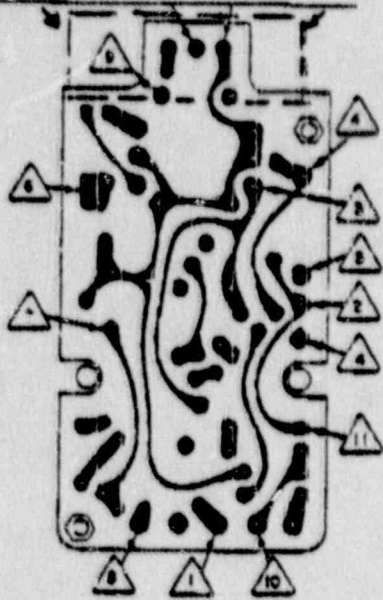

S. Hagan Rizvi,
Manager, Corporate Quality Assurance
N04-2B

baa (PW015289)
Attachments

FOXBORO

Exhibit A

Area of Incorrect Soldering

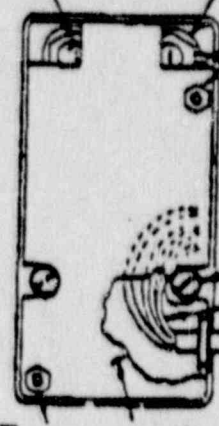


Amplifier Circuit Board

Figure No.1

U3 Transistor

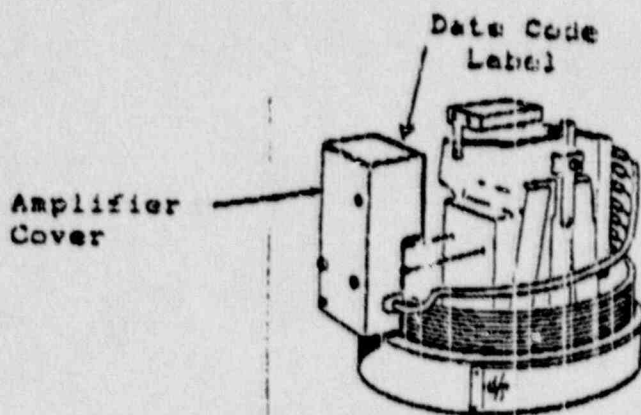
CR6 Zener Diode



Cathode Tab

Component Locations

Figure No.2



Amplifier Cover

Data Code Label

Figure No.3

EXHIBIT B

Not all combinations of deficient lead combinations and arcing can be duplicated to determine transmitter output oscillatory response. Analysis of field returns and stocked amplifiers has found the loose cathode lead to be the most prevalent defect therefore causing arcing and oscillatory response. The following are the results of tests to determine and predict the type of response if different at various transmitter output levels with an arcing or disconnected zener cathode lead:

a. Transmitter Output @ 0% (10mA)

Oscillation of Approximately 20% P-P
Oscillation Frequency 12 to 17 Hz
Output Offset -2 to -5%

b. Transmitter Output @ 50% (30mA)

Oscillation of Approximately 40% P-P
Oscillation Frequency 17 to 20 Hz
Output Offset -25%

c. Transmitter Output @ 55% (32mA)

Initial output offset -50% within 25ms and approx. 9 cycles or less of oscillatory response in decrements back to within approximately $\pm 5\%$ of the initial output. No further oscillatory responses as long as arcing or noncontact exists.

d. Transmitter Output @ 75% (40mA) and above

Initial Output Offset -50% within 25ms and approximately 3 cycles or less of oscillatory response in decrements back to within approximately -12% or less of the initial output. No further oscillatory responses as long as arcing or noncontact exists.

Examples of these output responses are available to aid visually the above descriptions.

CONCLUSIONS

All responses to the arcing zener diode cathode lead or loss of lead contact causes initial output decrease or offsets and the magnitude varies with transmitter output.

Below 55% of transmitter output, responses are sustained oscillations with differing peak to peak amplitudes and the magnitude of output offset also decreasing with lower transmitter outputs.

Above 60% of the output, responses are decremental, no sustained oscillatory result and returning of the output to a negative output offset. Decremental recovery occurs in fewer cycles as the output of occurrence approaches 100%.

SEQ	USER	CUSTOMER NAME	DIVISION	ADDRESS	CITY	AND STATE	ZIP	COUNTRY	ORDER NUMBER	QUANT
1	ALABAMA	POWER CO	FARLEY NUCLEAR PLANT	STATE HIGHWAY 95	COLUMBIA	AL	36319	U.S.A.	03073907	1
2	ALABAMA	POWER CO	FARLEY NUCLEAR PLANT	STATE HIGHWAY 95	COLUMBIA	AL	36319	U.S.A.	05036530	1
3	AMERICAN	WATZ	PROTON RBY	1100 INDIANAPOLIS BLVD	WARRAND	IM	46320	U.S.A.	04059200	2
4	CONNECTICUT	YANKEE A	NUCLEAR PLY-DIV NORTHEAST	P O BOX 127E	MADONN NECK	CT	06430	U.S.A.	05039661	3
5	CONSOLIDATED	EDISON	INDIAN POINT NUCLEAR	BROADWAY & BLEAKLEY AVENUE	BUCHANAN	NY	10511	U.S.A.	07452016	6
6	CONSOLIDATED	EDISON	INDIAN POINT NUCLEAR	BROADWAY & BLEAKLEY AVENUE	BUCHANAN	NY	10511	U.S.A.	07459770	6
7	DAIRYLAND	POWER COOP	LACROIX PLT	38 NEPONSET AVE	GENOA	MI	54632	U.S.A.	04353031	1
8	DAIRYLAND	POWER COOP	LACROIX PLT	30 NEPONSET AVE	GENOA	MI	54632	U.S.A.	04353970	1
9	FO-BORO	COMPANY		30 NEPONSET AVE	FOXBORO	MA	02035	UNITED STA	03435557	2
10	FO-BORO	COMPANY		30 NEPONSET AVE	FOXBORO	MA	02035	UNITED STA	04442164	3
11	FURNAS	CENTRAIS ELET		SAO PAULO SP				BRAZIL	04266805	5
12	HERCULES	INC	RADFORD ARMY AMMUN PLANT	CALLER SERVICE 1	RADFORD	VA	24141	U.S.A.	04022777	2
13	HERCULES	INC	RADFORD ARMY AMMUN PLANT	CALLER SERVICE 1	RADFORD	VA	24141	U.S.A.	07037107	2
14	INDIANA &	MICHIGAN P	DONALD C COOK NUCLEAR PLA	P O BOX 45B	BRIDGEMAN	MI	49106	U.S.A.	06811313	1
15	INDIANA &	MICHIGAN P	DONALD C COOK NUCLEAR PLA	P O BOX 45B	BRIDGEMAN	MI	49106	U.S.A.	06441524	3
16	INDIANA &	MICHIGAN P	DONALD C COOK NUCLEAR PLA	P O BOX 45B	BRIDGEMAN	MI	49106	U.S.A.	06716192	1
17	INDIANA &	MICHIGAN P	DONALD C COOK NUCLEAR PLA	P O BOX 45B	BRIDGEMAN	MI	49106	U.S.A.	06442240	4
18	INDIANA &	MICHIGAN P	DONALD C COOK NUCLEAR PLA	P O BOX 45B	BRIDGEMAN	MI	49106	U.S.A.	07133796	2
19	INDIANA &	MICHIGAN P	DONALD C COOK NUCLEAR PLA	P O BOX 45B	BRIDGEMAN	MI	49106	U.S.A.	07003713	2
20	LAGOVEN	S A		APDO 172	MARACAIBO			VEHEZUELA	04022500	5
21	NEW YORK	POWER AUTHORITY	INDIAN POINT NUCLEAR PLANT	P O BOX 26	BUCHANAN	NY	10511	U.S.A.	05446000	10
22	NEW YORK	POWER AUTHORITY	INDIAN POINT NUCLEAR PLANT	P O BOX 41	BUCHANAN	NY	10511	U.S.A.	04440305	4
23	NEW YORK	POWER AUTHORITY	FITZPATRICK PLANT	P O BOX 215	SCRIPPA	NY	10511	U.S.A.	04400741	6
24	NEW YORK	POWER AUTHORITY	ACCOUNTING DEPARTMENT	P O BOX 120	BUCHANAN	NY	10511	U.S.A.	04411706	2
25	NORTHEAST	NUCLEAR EN		ROUTE 2	MATHEFFORD	CT	06305	U.S.A.	07426400	4
26	NORTHERN	STATES POWER	WYAIRIE ISLAND-NUCLEAR	ROUTE 2	WELCH	WM	55029	U.S.A.	04454460	4
27	NORTHERN	STATES POWER	WYAIRIE ISLAND-NUCLEAR	ROUTE 2	WELCH	WM	55029	U.S.A.	04454460	26
28	OMAHA	PUBLIC POWER	D NUCLEAR	ROUTE 2	MELCH	ND	58089	U.S.A.	04435210	16
29	PUBLIC	SERVICE CO	OF FORT ST VRAIN NUCLEAR	BOX 361	FORT CALHOUN	CO	80651	U.S.A.	06443651	5
30	PUBLIC	SERVICE CO	OF FORT ST VRAIN NUCLEAR	BOX 361	PLATTEVILLE	CO	80651	U.S.A.	06443651	1
31	ROCHESTER	GAS ELECTRIC	GIRIA STATION	2640 LAKE RD	PLATTEVILLE	CO	80651	U.S.A.	05040225	1
32	ROCHESTER	GAS ELECTRIC	GIRIA STATION	2640 LAKE RD	ONTARIO	NY	14519	U.S.A.	03041060	0
33	ROCHESTER	GAS ELECTRIC	GIRIA STATION	2640 LAKE RD	ONTARIO	NY	14519	U.S.A.	04045217	1
34	ROCHESTER	GAS ELECTRIC	GIRIA STATION	2640 LAKE RD	ONTARIO	NY	14519	U.S.A.	07449644	4
35	SHELL	OIL CO	CHEMICAL PLANT	P O BOX 751	ONTARIO	NY	14519	U.S.A.	07019177	1
36	SOUTHERN	CALIFORNIA	SAN ONOFRE NUCLEAR STA-UNIT	P O BOX 120	MARTINEZ	CA	94553	U.S.A.	02440225	1
37	SOUTHERN	CALIFORNIA	SAN ONOFRE NUCLEAR STA-UNIT	P O BOX 120	SAN CLEMENTE	CA	92672	U.S.A.	02440225	15
38	SOUTHERN	CALIFORNIA	SAN ONOFRE NUCLEAR STA-UNIT	P O BOX 120	SAN CLEMENTE	CA	92672	U.S.A.	02440225	5
39	SOUTHERN	CALIFORNIA	SAN ONOFRE NUCLEAR STA-UNIT	P O BOX 120	SAN CLEMENTE	CA	92672	U.S.A.	05436720	5
40	SPAIN				SAN CLEMENTE	CA	92672	U.S.A.	04409346	1
41	SPAIN				BARCELONA	CA	92672	U.S.A.	07423730	1
42	SWEDEN				M EKRA SWEDEN			SPAIN	02423990	32
43	SWEDEN				M EKRA SWEDEN			SPAIN	02425060	1
44	T V A				ATHENS	AL	35411	U.S.A.	02430526	2
45	T V A				SOODY DAISY	TM	37379	U.S.A.	03072900	4
46	T V A				SOODY DAISY	TM	37379	U.S.A.	04042450	4

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IDENTIFIABLE M/W USER'S LIST -

REPORT R003-1

PRODUCT - 00142EC

NO.	SEE USER CUSTOMER NAME	DIVISION	ADDRESS	CITY	STATE	ZIP	COUNTRY	ORDER NUMBER	QUANT
26	TV A	SEGOVIAN PLANT		SOODY DAISY	TN	37377	U.S.A.	07440244	5
	TV A	SEGOVIAN PLANT		SOODY DAISY	TN	37379	U.S.A.	07441497	10
	TV A	SEGOVIAN PLANT		SOODY DAISY	TN	37379	U.S.A.	07447307	2
27	TV A	WATTS GAP NUCLEAR		SPRING CITY	TN	37391	U.S.A.	03056560	6
	TV A	WATTS GAP NUCLEAR		SPRING CITY	TN	37391	U.S.A.	04054287	3
28	UNOCAL CORP	BEAUMONT REFINERY	P O BOX 137	NEDELAND	TX	77627	U.S.A.	02756319	4
29	VIRGINIA ELECTRIC & NO ANNA POWER STA			MINERAL	VA	23117	U.S.A.	03036858	2
	VIRGINIA ELECTRIC & NO ANNA POWER STA			MINERAL	VA	23117	U.S.A.	04004750	2
30	WISCONSIN ELECTRIC P POINT BEACH PLANT			THE RIVERS	MI	54261	U.S.A.	92441530	4
31	WISCONSIN PUBLIC SER KEWAUNEE NUCLEAR PLT		RT 1 BOX 48	KEMURKEE	MI	54216	U.S.A.	02704299	3
	WISCONSIN PUBLIC SER KEWAUNEE NUCLEAR PLT		RT 1 BOX 48	KEMURKEE	MI	54216	U.S.A.	03055219	3
	WISCONSIN PUBLIC SER KEWAUNEE NUCLEAR PLT		RT 1 BOX 48	KEMURKEE	MI	54216	U.S.A.	04006838	2

FINAL TOTAL

TOTAL NUMBER OF ITEMS RETRIEVED 55

253

IDENTIFIABLE W/M USER'S LIST -

REPORT K003-1
PRODUCT - M-ELL, N-ELL

SEQ	USER	CUSTOMER NAME	DIVISION	ADDRESS	CITY	AND STATE	ZIP	COUNTRY	ORDER NUMBER	QUANT
19	CONSOLIDATED EDISON	INDIAN POINT NUCLEAR	INDIAN POINT NUCLEAR	BROADWAY & BLEAKLEY AVENUE BUCHANAN	NY	10511	U.S.A.	U.S.A.	06N09620	2
	CONSOLIDATED EDISON	INDIAN POINT NUCLEAR	INDIAN POINT NUCLEAR	BROADWAY & BLEAKLEY AVENUE BUCHANAN	NY	10511	U.S.A.	U.S.A.	07N00590	10
	CONSOLIDATED EDISON	INDIAN POINT NUCLEAR	INDIAN POINT NUCLEAR	BROADWAY & BLEAKLEY AVENUE BUCHANAN	NY	10511	U.S.A.	U.S.A.	07N00590	5
	CONSOLIDATED EDISON	INDIAN POINT NUCLEAR	INDIAN POINT NUCLEAR	BROADWAY & BLEAKLEY AVENUE BUCHANAN	NY	10511	U.S.A.	U.S.A.	07N056193	2
	CONSOLIDATED EDISON	INDIAN POINT NUCLEAR	INDIAN POINT NUCLEAR	BROADWAY & BLEAKLEY AVENUE BUCHANAN	NY	10511	U.S.A.	U.S.A.	06N060627	1
	CONSOLIDATED EDISON	INDIAN POINT NUCLEAR	INDIAN POINT NUCLEAR	BROADWAY & BLEAKLEY AVENUE BUCHANAN	NY	10511	U.S.A.	U.S.A.	06N056671	1
	CONSOLIDATED EDISON	INDIAN POINT NUCLEAR	INDIAN POINT NUCLEAR	BROADWAY & BLEAKLEY AVENUE BUCHANAN	NY	10511	U.S.A.	U.S.A.	06N051417	1
	CONSOLIDATED EDISON	INDIAN POINT NUCLEAR	INDIAN POINT NUCLEAR	BROADWAY & BLEAKLEY AVENUE BUCHANAN	NY	10511	U.S.A.	U.S.A.	09N033912	3
	CONSOLIDATED EDISON	INDIAN POINT NUCLEAR	INDIAN POINT NUCLEAR	BROADWAY & BLEAKLEY AVENUE BUCHANAN	NY	10511	U.S.A.	U.S.A.	09N036297	1
	CONSOLIDATED EDISON	INDIAN POINT NUCLEAR	INDIAN POINT NUCLEAR	BROADWAY & BLEAKLEY AVENUE BUCHANAN	NY	10511	U.S.A.	U.S.A.	09N036700	3
	CONSOLIDATED EDISON	INDIAN POINT NUCLEAR	INDIAN POINT NUCLEAR	BROADWAY & BLEAKLEY AVENUE BUCHANAN	NY	10511	U.S.A.	U.S.A.	09N060139	3
	CONSOLIDATED EDISON	INDIAN POINT NUCLEAR	INDIAN POINT NUCLEAR	BROADWAY & BLEAKLEY AVENUE BUCHANAN	NY	10511	U.S.A.	U.S.A.	09N05577	1
20	CONSOLIDATED EDISON	N P G-CORTLAND	PEEKSKILL	534 FURNACE DOCK ROAD	NY	10568	U.S.A.	U.S.A.	07N060952	1
21	DAIRYLAND POWER COOP	LACRUP PLY	LACRUP PLY	GENOA	MI	54632	U.S.A.	U.S.A.	01N06223	6
	DAIRYLAND POWER COOP	LACRUP PLY	LACRUP PLY	GENOA	MI	54632	U.S.A.	U.S.A.	04N03954	1
	DAIRYLAND POWER COOP	LACRUP PLY	LACRUP PLY	GENOA	MI	54632	U.S.A.	U.S.A.	06N53031	1
	DAIRYLAND POWER COOP	LACRUP PLY	LACRUP PLY	GENOA	MI	54632	U.S.A.	U.S.A.	05N35605	1
	DAIRYLAND POWER COOP	LACRUP PLY	LACRUP PLY	GENOA	MI	54632	U.S.A.	U.S.A.	05N02634	1
	DAIRYLAND POWER COOP	LACRUP PLY	LACRUP PLY	GENOA	MI	54632	U.S.A.	U.S.A.	05N50217	1
	DAIRYLAND POWER COOP	LACRUP PLY	LACRUP PLY	GENOA	MI	54632	U.S.A.	U.S.A.	05N052121	2
22	DETROIT EDISON CO	ENRICE FEPHIE PLANT	ENRICE FEPHIE PLANT	534 FURNACE DOCK ROAD	MI	48166	U.S.A.	U.S.A.	79N067799	4
	DETROIT EDISON CO	ENRICE FEPHIE PLANT	ENRICE FEPHIE PLANT	534 FURNACE DOCK ROAD	MI	48166	U.S.A.	U.S.A.	01N059779	3
23	DUKE POWER CO	CATAHA NUCLEAR STATION	CATAHA NUCLEAR STATION	P O BOX 256	SC	29710	U.S.A.	U.S.A.	03N052010	19
	DUKE POWER CO	CATAHA NUCLEAR STATION	CATAHA NUCLEAR STATION	P O BOX 256	SC	29710	U.S.A.	U.S.A.	03N05674	8
	DUKE POWER CO	CATAHA NUCLEAR STATION	CATAHA NUCLEAR STATION	P O BOX 256	SC	29710	U.S.A.	U.S.A.	06N55764	2
	DUKE POWER CO	CATAHA NUCLEAR STATION	CATAHA NUCLEAR STATION	P O BOX 256	SC	29710	U.S.A.	U.S.A.	05N31039	1
	DUKE POWER CO	CATAHA NUCLEAR STATION	CATAHA NUCLEAR STATION	P O BOX 256	SC	29710	U.S.A.	U.S.A.	05N36683	3
	DUKE POWER CO	CATAHA NUCLEAR STATION	CATAHA NUCLEAR STATION	P O BOX 256	SC	29710	U.S.A.	U.S.A.	06N36201	3
	DUKE POWER CO	CATAHA NUCLEAR STATION	CATAHA NUCLEAR STATION	P O BOX 256	SC	29710	U.S.A.	U.S.A.	06N35569	2
	DUKE POWER CO	CATAHA NUCLEAR STATION	CATAHA NUCLEAR STATION	P O BOX 256	SC	29710	U.S.A.	U.S.A.	06N0627	4
	DUKE POWER CO	CATAHA NUCLEAR STATION	CATAHA NUCLEAR STATION	P O BOX 256	SC	29710	U.S.A.	U.S.A.	06N06786	4
	DUKE POWER CO	CATAHA NUCLEAR STATION	CATAHA NUCLEAR STATION	P O BOX 256	SC	29710	U.S.A.	U.S.A.	07N01030	2
	DUKE POWER CO	CATAHA NUCLEAR STATION	CATAHA NUCLEAR STATION	P O BOX 256	SC	29710	U.S.A.	U.S.A.	08N30081	1
	DUKE POWER CO	CATAHA NUCLEAR STATION	CATAHA NUCLEAR STATION	P O BOX 256	SC	29710	U.S.A.	U.S.A.	06N39000	3
24	E G & G IDAHO INC	IDAHO FALLS	IDAHO FALLS	P O BOX 1625	ID	03415	U.S.A.	U.S.A.	02N06662	2
25	E I DU PONT DE NEMOURS	SAVANNAH RIVER PLANT	SAVANNAH RIVER PLANT		SC	29008	U.S.A.	U.S.A.	02N23093	12
27	ENEL						ITALY	ITALY	04N22205	3
	ENEL						ITALY	ITALY	04N22370	5
	ENEL						ITALY	ITALY	061701105	1
28	FELSA						SPAIN	SPAIN	02N22345	2
	FELSA						SPAIN	SPAIN	02N23111	5
	FELSA						SPAIN	SPAIN	02N23611	5
	FELSA						SPAIN	SPAIN	06N23663	2

SEQ NO.	USER	CUSTOMER NAME	DIVISION	ADDRESS	CITY AND STATE	ZIP	COUNTRY	ORDER NUMBER	QUANT
28	FECSA				ASCO TARRAGONA		SPAIN	84N23568	2
	FECSA				ASCO TARRAGONA		SPAIN	86N21674	14
	FECSA				ASCO TARRAGONA		SPAIN	86N21876	6
	FECSA				ASCO TARRAGONA		SPAIN	86N22470	16
29	FERMI LABS	ION INC		MAIL STATION 112 ACCOUNT	BATAVIA	IL 60510	U.S.A.	85N54320	2
31	FLORIDA POWER & LIGHT	CAPE CANAVERAL PLANT		12 MILES NORTH ON A1A	STUART	FL 33494	U.S.A.	80N37300	1
32	FLORIDA POWER CORP -	CRYSTAL RIVER UNIT 3		P O BOX 219	RED LEVEL	FL 32629	U.S.A.	84N44303	1
	FLORIDA POWER CORP -	CRYSTAL RIVER UNIT 3		P O BOX 219	RED LEVEL	FL 32629	U.S.A.	85N47898	1
33	FOXBORO CANADA INC			4 LAKE STREET	QUEBEC	CA	CANADA H9B	82N12405	1
	FOXBORO CANADA INC			4 LAKE STREET	QUEBEC	CA	CANADA H9B	83N12727	3
	FOXBORO CANADA INC			4 LAKE STREET	QUEBEC	CA	CANADA H9B	84N12547	1
	FOXBORO CANADA INC			4 LAKE STREET	QUEBEC	CA	CANADA H9B	84N12986	17
	FOXBORO CANADA INC			4 LAKE STREET	QUEBEC	CA	CANADA H9B	87N12417	1
34	FOXBORO COMPANY			38 NEPONSET AVE	FOXBORO	MA 02035	UNITED STA	80N52140	4
	FOXBORO COMPANY			38 NEPONSET AVE	FOXBORO	MA 02035	UNITED STA	80N52161	2
	FOXBORO COMPANY			38 NEPONSET AVE	FOXBORO	MA 02035	UNITED STA	81N42254	1
	FOXBORO COMPANY			38 NEPONSET AVE	FOXBORO	MA 02035	UNITED STA	82N52294	4
35	FOXBORO ITALIA			VIA F FILZI 27	FOXBORO	MA 02035	UNITED STA	82N47292	2
	FOXBORO ITALIA			VIA F FILZI 27	MILANO		ITALY	84N20531	2
36	FOXBORO NEDERLAND			VIA F FILZI 27	MILANO		ITALY	88N20407	2
37	FUERZAS ELECT CATALU	C N ASCO UNIT 1		PLAZA DEL TEATRO 32	SOEST		NETHERLAND	86N11108	1
	FUERZAS ELECT CATALU	C N ASCO UNIT 1		PLAZA DEL TEATRO 32	BARCELONA		SPAIN	82N22003	2
38	FURNAS ANGRA NUC				BARCELONA		SPAIN	84N23255	4
	FURNAS ANGRA NUC				FURNAS		BRAZIL	88N26151	12
39	FURNAS CENTRAIS ELET				FURNAS		BRAZIL	89N27539	2
40	FURNAS CENTRAIS ELET				ANGRA RIO DE JANEIRO		BRAZIL	85N27290	2
41	G P U NUCLEAR	3 MILE ISLAND NUCLEAR	STA ROUTE 441 SOUTH		SAO PAULO SP		BRAZIL	85N27111	2
	G P U NUCLEAR	3 MILE ISLAND NUCLEAR	STA ROUTE 441 SOUTH		MIDDLETOWN	PA 17057	U.S.A.	79N50156	3
	G P U NUCLEAR	3 MILE ISLAND NUCLEAR	STA ROUTE 441 SOUTH		MIDDLETOWN	PA 17057	U.S.A.	79N61097	1
	G P U NUCLEAR	3 MILE ISLAND NUCLEAR	STA ROUTE 441 SOUTH		MIDDLETOWN	PA 17057	U.S.A.	81N48378	4
	G P U NUCLEAR	3 MILE ISLAND NUCLEAR	STA ROUTE 441 SOUTH		MIDDLETOWN	PA 17057	U.S.A.	83N39205	4
	G P U NUCLEAR	3 MILE ISLAND NUCLEAR	STA ROUTE 441 SOUTH		MIDDLETOWN	PA 17057	U.S.A.	83N39330	2
	G P U NUCLEAR	3 MILE ISLAND NUCLEAR	STA ROUTE 441 SOUTH		MIDDLETOWN	PA 17057	U.S.A.	84N36491	5
	G P U NUCLEAR	3 MILE ISLAND NUCLEAR	STA ROUTE 441 SOUTH		MIDDLETOWN	PA 17057	U.S.A.	84N48862	30
	G P U NUCLEAR	3 MILE ISLAND NUCLEAR	STA ROUTE 441 SOUTH		MIDDLETOWN	PA 17057	U.S.A.	86N49128	1
	G P U NUCLEAR	3 MILE ISLAND NUCLEAR	STA ROUTE 441 SOUTH		MIDDLETOWN	PA 17057	U.S.A.	86N49353	1
	G P U NUCLEAR	3 MILE ISLAND NUCLEAR	STA ROUTE 441 SOUTH		MIDDLETOWN	PA 17057	U.S.A.	87N39947	4
	G P U NUCLEAR	3 MILE ISLAND NUCLEAR	STA ROUTE 441 SOUTH		MIDDLETOWN	PA 17057	U.S.A.	87N48866	1
	G P U NUCLEAR	3 MILE ISLAND NUCLEAR	STA ROUTE 441 SOUTH		MIDDLETOWN	PA 17057	U.S.A.	88N57944	4
	G P U NUCLEAR	3 MILE ISLAND NUCLEAR	STA ROUTE 441 SOUTH		MIDDLETOWN	PA 17057	U.S.A.	89N30804	1
42	G P U NUCLEAR CORP C			P O BOX 480	MIDDLETOWN	PA 17057	U.S.A.	89N33751	3
	G P U NUCLEAR CORP C			P O BOX 480	MIDDLETOWN	PA 17057	U.S.A.	88N55515	4

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PRODUCT - N-E11, N-E13

SEQ USER CUSTOMER NAME DIVISION ADDRESS CITY AND STATE ZIP COUNTRY ORDER NUMBER QUANTITY

NO.	SEQ	USER	CUSTOMER NAME	DIVISION	ADDRESS	CITY AND STATE ZIP	COUNTRY	ORDER NUMBER	QUANTITY
43		GENERAL ELECTRIC CO	KNOLLS ATOMIC POWER LAB		PROSPECT HILL ROAD	CT 06095	U.S.A.	84N31638	19
44		HYDRO-QUEBEC					CANADA	M87111570	1
45		HYDRO-QUEBEC COMPYTES			340 RUE ST-MAURICE		QUEBEC	M8711157	1
46		IBERDUERO					SPAIN	R0N27375R	16
47		INDIANA & MICHIGAN E			P O BOX 60		SPAIN	81N23662	2
48		INDIANA & MICHIGAN P	DONALD C COOK	NUCLEAR	PLA P O BOX 458	IN 46801	U.S.A.	88N52740	1
		INDIANA & MICHIGAN P	DONALD C COOK	NUCLEAR	PLA P O BOX 458	MI 49106	U.S.A.	80N69908	1
		INDIANA & MICHIGAN P	DONALD C COOK	NUCLEAR	PLA P O BOX 458	MI 49106	U.S.A.	80N59269	12
		INDIANA & MICHIGAN P	DONALD C COOK	NUCLEAR	PLA P O BOX 458	MI 49106	U.S.A.	85N30041	149
		INDIANA & MICHIGAN P	DONALD C COOK	NUCLEAR	PLA P O BOX 458	MI 49106	U.S.A.	87N11614	1
		INDIANA & MICHIGAN P	DONALD C COOK	NUCLEAR	PLA P O BOX 458	MI 49106	U.S.A.	87N64622	1
		INDIANA & MICHIGAN P	DONALD C COOK	NUCLEAR	PLA P O BOX 458	MI 49106	U.S.A.	87N55517	1
		INDIANA & MICHIGAN P	DONALD C COOK	NUCLEAR	PLA P O BOX 458	MI 49106	U.S.A.	87N58412	1
		INDIANA & MICHIGAN P	DONALD C COOK	NUCLEAR	PLA P O BOX 458	MI 49106	U.S.A.	88N43140	1
49		INSTITUTE F ENERGIE					NORWAY	80N20333	20
50		IOWA ELECTRIC LIGHT	ARNOLD I			IA 52324	U.S.A.	81N42809	4
51		KOREA ELECTRIC CO			167 SAMSONG-DONG		KOREA	M8660123	1
52		KOREA NUCLEAR FUEL C			167 SAMSONG-DONG		KOREA	89N20385	2
		KOREA NUCLEAR FUEL C					KOREA	83N20553	2
		KOREA NUCLEAR FUEL C					KOREA	83N27300	256
		KOREA NUCLEAR FUEL C					KOREA	84N27161	4
		KOREA NUCLEAR FUEL C					KOREA	88N26161	1
		KOREA NUCLEAR FUEL C					KOREA	88N26766	3
		KOREA NUCLEAR FUEL C					KOREA	87N27577	2
54		KORUCCO					VUGOSLAVIA	78N23322	1
56		NE BRASKA	PUBLIC POWER	NUCLEAR	COOPER NUCLEAR STA	NE 68321	U.S.A.	81N52757	3
57		NE BRASKA	PUBLIC POWER	NUCLEAR	INDIAN POINT	NY 10511	U.S.A.	82N34877	27
58		NE BRASKA	PUBLIC POWER	NUCLEAR	INDIAN POINT	NY 10511	U.S.A.	83N33819	67
		NE BRASKA	PUBLIC POWER	NUCLEAR	INDIAN POINT	NY 10511	U.S.A.	83N55111	1
		NE BRASKA	PUBLIC POWER	NUCLEAR	INDIAN POINT	NY 10511	U.S.A.	84N65687	2
		NE BRASKA	PUBLIC POWER	NUCLEAR	INDIAN POINT	NY 10511	U.S.A.	84N54037	10
		NE BRASKA	PUBLIC POWER	NUCLEAR	INDIAN POINT	NY 10511	U.S.A.	85N30190	4
		NE BRASKA	PUBLIC POWER	NUCLEAR	INDIAN POINT	NY 10511	U.S.A.	85N36254	1
		NE BRASKA	PUBLIC POWER	NUCLEAR	INDIAN POINT	NY 10511	U.S.A.	86N40317	2
		NE BRASKA	PUBLIC POWER	NUCLEAR	INDIAN POINT	NY 10511	U.S.A.	86N41687	1
		NE BRASKA	PUBLIC POWER	NUCLEAR	INDIAN POINT	NY 10511	U.S.A.	86N47576	1
		NE BRASKA	PUBLIC POWER	NUCLEAR	INDIAN POINT	NY 10511	U.S.A.	86N49122	1
		NE BRASKA	PUBLIC POWER	NUCLEAR	INDIAN POINT	NY 10511	U.S.A.	87N30342	11
		NE BRASKA	PUBLIC POWER	NUCLEAR	INDIAN POINT	NY 10511	U.S.A.	87N36927	1
		NE BRASKA	PUBLIC POWER	NUCLEAR	INDIAN POINT	NY 10511	U.S.A.	87N39990	8
		NE BRASKA	PUBLIC POWER	NUCLEAR	INDIAN POINT	NY 10511	U.S.A.	88N62533	1
		NE BRASKA	PUBLIC POWER	NUCLEAR	INDIAN POINT	NY 10511	U.S.A.	88N62534	40
		NE BRASKA	PUBLIC POWER	NUCLEAR	INDIAN POINT	NY 10511	U.S.A.		3

REPORT K003-1

PRODUCT - N-E11, N-E13

IDENTIFIABLE M/M USER'S LIST - ADDRESS C I T Y A N D S T A T E Z I P C O U N T R Y O R D E R N U M B E R Q U A N T

SEQ	USER	CUSTOMER	NAME	DIVISION	ADDRESS	CITY	STATE	ZIP	COUNTRY	ORDER NUMBER	QUANT
81	SOUTHERN	CALIFORNIA	SAN ONOFRE	NUCL STA-UNIT	P O BOX 128	SAN CLEMENTE	CA	92672	U.S.A.	82N55753	1
	SOUTHERN	CALIFORNIA	SAN ONOFRE	NUCL STA-UNIT	P O BOX 128	SAN CLEMENTE	CA	92672	U.S.A.	82N57764	1
	SOUTHERN	CALIFORNIA	SAN ONOFRE	NUCL STA-UNIT	P O BOX 128	SAN CLEMENTE	CA	92672	U.S.A.	83M27411	1
	SOUTHERN	CALIFORNIA	SAN ONOFRE	NUCL STA-UNIT	P O BOX 128	SAN CLEMENTE	CA	92672	U.S.A.	83M27409	1
	SOUTHERN	CALIFORNIA	SAN ONOFRE	NUCL STA-UNIT	P O BOX 128	SAN CLEMENTE	CA	92672	U.S.A.	84N31202	7
	SOUTHERN	CALIFORNIA	SAN ONOFRE	NUCL STA-UNIT	P O BOX 128	SAN CLEMENTE	CA	92672	U.S.A.	84N34325	1
	SOUTHERN	CALIFORNIA	SAN ONOFRE	NUCL STA-UNIT	P O BOX 128	SAN CLEMENTE	CA	92672	U.S.A.	84N37508	4
	SOUTHERN	CALIFORNIA	SAN ONOFRE	NUCL STA-UNIT	P O BOX 128	SAN CLEMENTE	CA	92672	U.S.A.	84N41303	2
	SOUTHERN	CALIFORNIA	SAN ONOFRE	NUCL STA-UNIT	P O BOX 128	SAN CLEMENTE	CA	92672	U.S.A.	84N45066	8
	SOUTHERN	CALIFORNIA	SAN ONOFRE	NUCL STA-UNIT	P O BOX 128	SAN CLEMENTE	CA	92672	U.S.A.	84N45198	3
	SOUTHERN	CALIFORNIA	SAN ONOFRE	NUCL STA-UNIT	P O BOX 128	SAN CLEMENTE	CA	92672	U.S.A.	84N48791	4
	SOUTHERN	CALIFORNIA	SAN ONOFRE	NUCL STA-UNIT	P O BOX 128	SAN CLEMENTE	CA	92672	U.S.A.	84N56431	29
	SOUTHERN	CALIFORNIA	SAN ONOFRE	NUCL STA-UNIT	P O BOX 128	SAN CLEMENTE	CA	92672	U.S.A.	85N31893	2
	SOUTHERN	CALIFORNIA	SAN ONOFRE	NUCL STA-UNIT	P O BOX 128	SAN CLEMENTE	CA	92672	U.S.A.	85N36107	2
	SOUTHERN	CALIFORNIA	SAN ONOFRE	NUCL STA-UNIT	P O BOX 128	SAN CLEMENTE	CA	92672	U.S.A.	85N35673	6
	SOUTHERN	CALIFORNIA	SAN ONOFRE	NUCL STA-UNIT	P O BOX 128	SAN CLEMENTE	CA	92672	U.S.A.	85N36060	10
	SOUTHERN	CALIFORNIA	SAN ONOFRE	NUCL STA-UNIT	P O BOX 128	SAN CLEMENTE	CA	92672	U.S.A.	85N37095	2
	SOUTHERN	CALIFORNIA	SAN ONOFRE	NUCL STA-UNIT	P O BOX 128	SAN CLEMENTE	CA	92672	U.S.A.	85N39543	2
	SOUTHERN	CALIFORNIA	SAN ONOFRE	NUCL STA-UNIT	P O BOX 128	SAN CLEMENTE	CA	92672	U.S.A.	85N40129	11
	SOUTHERN	CALIFORNIA	SAN ONOFRE	NUCL STA-UNIT	P O BOX 128	SAN CLEMENTE	CA	92672	U.S.A.	85N41128	3
	SOUTHERN	CALIFORNIA	SAN ONOFRE	NUCL STA-UNIT	P O BOX 128	SAN CLEMENTE	CA	92672	U.S.A.	85N42273	13
	SOUTHERN	CALIFORNIA	SAN ONOFRE	NUCL STA-UNIT	P O BOX 128	SAN CLEMENTE	CA	92672	U.S.A.	85N45091	1
	SOUTHERN	CALIFORNIA	SAN ONOFRE	NUCL STA-UNIT	P O BOX 128	SAN CLEMENTE	CA	92672	U.S.A.	85N45713	4
	SOUTHERN	CALIFORNIA	SAN ONOFRE	NUCL STA-UNIT	P O BOX 128	SAN CLEMENTE	CA	92672	U.S.A.	85N45899	37
	SOUTHERN	CALIFORNIA	SAN ONOFRE	NUCL STA-UNIT	P O BOX 128	SAN CLEMENTE	CA	92672	U.S.A.	85N45900	1
	SOUTHERN	CALIFORNIA	SAN ONOFRE	NUCL STA-UNIT	P O BOX 128	SAN CLEMENTE	CA	92672	U.S.A.	85N55550	1
	SOUTHERN	CALIFORNIA	SAN ONOFRE	NUCL STA-UNIT	P O BOX 128	SAN CLEMENTE	CA	92672	U.S.A.	86N31616	1
	SOUTHERN	CALIFORNIA	SAN ONOFRE	NUCL STA-UNIT	P O BOX 128	SAN CLEMENTE	CA	92672	U.S.A.	86N39724	2
	SOUTHERN	CALIFORNIA	SAN ONOFRE	NUCL STA-UNIT	P O BOX 128	SAN CLEMENTE	CA	92672	U.S.A.	86N46498	1
	SOUTHERN	CALIFORNIA	SAN ONOFRE	NUCL STA-UNIT	P O BOX 128	SAN CLEMENTE	CA	92672	U.S.A.	87N30914	16
	SOUTHERN	CALIFORNIA	SAN ONOFRE	NUCL STA-UNIT	P O BOX 128	SAN CLEMENTE	CA	92672	U.S.A.	87N59918	12
82	SPAIN					BARCELONA	SPAIN			88N22752	1
	SPAIN					BARCELONA	SPAIN			88N23368	1
	SPAIN					BARCELONA	SPAIN			86N22930	10
	SPAIN					BARCELONA	SPAIN			87N22249	3
83	STANDARD	MODERN	TECH			TORONTO	ONTARIO			88N26500	4
84	STANDARD	MODERN	TECH			TORONTO	ONTARIO			88N21350	1
85	STILLMASS					SETTALA NE	CANADA			88N311631	3
86	SWEDEH					N ECKA	SWEDEH			86T1A1021	2
	SWEDEH					N ECKA	SWEDEH			82N21905	32
										87N22082	2

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SEQ NO.	USER	CUSTOMER NAME	DIVISION	ADDRESS	CITY AND STATE	ZIP	COUNTRY	ORDER NUMBER	QUANT
87		SWEDESH STATE POWER			STOCKHOLM		SWEDEN	84N22052	3
88	TVA		BROWNS FERRY	SERVICE BUILDING	ATHENS	AL 35611	U.S.A.	79N41287	2
	TVA		BROWNS FERRY	SERVICE BUILDING	ATHENS	AL 35611	U.S.A.	81N4182	3
89	TVA		PUR POWER - FOSSIL	285 HANEY BUILDING	CHATTANOOGA	TN 37401	U.S.A.	87N38536	4
90	TVA		BELLEFRONTE NUCL	SCOTTSBORO P O BOX 2000	HOLLYWOOD	AL 35752	U.S.A.	83N43405	4
	TVA		BELLEFRONTE NUCL	SCOTTSBORO P O BOX 2000	HOLLYWOOD	AL 35752	U.S.A.	84N51435	8
	TVA		BELLEFRONTE NUCL	SCOTTSBORO P O BOX 2000	HOLLYWOOD	AL 35752	U.S.A.	84N54756	3
	TVA		BELLEFRONTE NUCL	SCOTTSBORO P O BOX 2000	HOLLYWOOD	AL 35752	U.S.A.	85N33899	12
91	TVA		SEQUOYAH PLANT		HOLLYWOOD	AL 35752	U.S.A.	85N37182	2
	TVA		SEQUOYAH PLANT		SODDY DAISY	TN 37379	U.S.A.	79N38851	1
	TVA		SEQUOYAH PLANT		SODDY DAISY	TN 37379	U.S.A.	79N4444	1
	TVA		SEQUOYAH PLANT		SODDY DAISY	TN 37379	U.S.A.	79N34877	1
	TVA		SEQUOYAH PLANT		SODDY DAISY	TN 37379	U.S.A.	80N39993	1
	TVA		SEQUOYAH PLANT		SODDY DAISY	TN 37379	U.S.A.	80N46044	1
	TVA		SEQUOYAH PLANT		SODDY DAISY	TN 37379	U.S.A.	80N47715	2
	TVA		SEQUOYAH PLANT		SODDY DAISY	TN 37379	U.S.A.	80N51497	1
	TVA		SEQUOYAH PLANT		SODDY DAISY	TN 37379	U.S.A.	80N54183	1
	TVA		SEQUOYAH PLANT		SODDY DAISY	TN 37379	U.S.A.	80N57024	4
	TVA		SEQUOYAH PLANT		SODDY DAISY	TN 37379	U.S.A.	80N60454	50
	TVA		SEQUOYAH PLANT		SODDY DAISY	TN 37379	U.S.A.	80N60697	3
	TVA		SEQUOYAH PLANT		SODDY DAISY	TN 37379	U.S.A.	81N42150	1
	TVA		SEQUOYAH PLANT		SODDY DAISY	TN 37379	U.S.A.	83N42489	1
	TVA		SEQUOYAH PLANT		SODDY DAISY	TN 37379	U.S.A.	84N31620	1
	TVA		SEQUOYAH PLANT		SODDY DAISY	TN 37379	U.S.A.	85N34487	6
	TVA		SEQUOYAH PLANT		SODDY DAISY	TN 37379	U.S.A.	85N40263	2
	TVA		SEQUOYAH PLANT		SODDY DAISY	TN 37379	U.S.A.	85N40744	4
	TVA		SEQUOYAH PLANT		SODDY DAISY	TN 37379	U.S.A.	85N40745	1
	TVA		SEQUOYAH PLANT		SODDY DAISY	TN 37379	U.S.A.	85N43236	16
	TVA		SEQUOYAH PLANT		SODDY DAISY	TN 37379	U.S.A.	85N48698	1
	TVA		SEQUOYAH PLANT		SODDY DAISY	TN 37379	U.S.A.	85N55003	3
	TVA		SEQUOYAH PLANT		SODDY DAISY	TN 37379	U.S.A.	86N36080	2
	TVA		SEQUOYAH PLANT		SODDY DAISY	TN 37379	U.S.A.	86N37610	4
	TVA		SEQUOYAH PLANT		SODDY DAISY	TN 37379	U.S.A.	86N55174	1
	TVA		SEQUOYAH PLANT		SODDY DAISY	TN 37379	U.S.A.	87N31383	2
	TVA		SEQUOYAH PLANT		SODDY DAISY	TN 37379	U.S.A.	87N49328	4
	TVA		SEQUOYAH PLANT		SODDY DAISY	TN 37379	U.S.A.	87N52512	2
	TVA		SEQUOYAH PLANT		SODDY DAISY	TN 37379	U.S.A.	88N41594	1
92	TVA		WATTS BAR NUCLEAR		SODDY DAISY	TN 37379	U.S.A.	89N47387	5
	TVA		WATTS BAR NUCLEAR		SPRING CITY	TN 37381	U.S.A.	79N46425	3
	TVA		WATTS BAR NUCLEAR		SPRING CITY	TN 37381	U.S.A.	81N59075	8
	TVA		WATTS BAR NUCLEAR		SPRING CITY	TN 37381	U.S.A.	84N37906	2
	TVA		WATTS BAR NUCLEAR		SPRING CITY	TN 37381	U.S.A.	84N51961	2
	TVA		WATTS BAR NUCLEAR		SPRING CITY	TN 37381	U.S.A.	85N31212	2

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PRODUCT - H-E11, H-E13

SEQ NO.	USER CUSTOMER NAME	DIVISION	ADDRESS	CITY AND STATE	ZIP	COUNTRY	ORDER NUMBER	QUANT
92	T V A	WATTS BAR NUCLEAR		SPRING CITY	TN 37381	U.S.A.	85M0262	2
	T V A	WATTS BAR NUCLEAR		SPRING CITY	TN 37381	U.S.A.	85M03430	1
	T V A	WATTS BAR NUCLEAR		SPRING CITY	TN 37381	U.S.A.	85M51670	5
	T V A	WATTS BAR NUCLEAR		SPRING CITY	TN 37381	U.S.A.	86N199326	2
93	TOLEDO EDISON COMPAN	DAVIS-BESSE NUCL PWR STA	5501 NORTH STATE ROUTE 2	OAK HARBOR	OH 43449	U.S.A.	82N38857	1
	TOLEDO EDISON COMPAN	DAVIS-BESSE NUCL PWR STA	5501 NORTH STATE ROUTE 2	OAK HARBOR	OH 43449	U.S.A.	82N38870	1
	TOLEDO EDISON COMPAN	DAVIS-BESSE NUCL PWR STA	5501 NORTH STATE ROUTE 2	OAK HARBOR	OH 43449	U.S.A.	86N38891	5
	TOLEDO EDISON COMPAN	DAVIS-BESSE NUCL PWR STA	5501 NORTH STATE ROUTE 2	OAK HARBOR	OH 43449	U.S.A.	86N43346	2
	TOLEDO EDISON COMPAN	DAVIS-BESSE NUCL PWR STA	5501 NORTH STATE ROUTE 2	OAK HARBOR	OH 43449	U.S.A.	87N08351	3
94	UNION CARBIDE CORP	PROCESS DIV	P O BOX P	OAK RIDGE	TN 37830	U.S.A.	82N45765	1
95	BRIMMAN EXPORT CUST			COUNTRY		UPRONORW	79N27978	1
96	VERMONT YANKEE NUCLE	DIV YANKEE ATOMIC	BOX 157	VERMONT	VT 05354	U.S.A.	82N42060	2
97	VIRGINIA ELECTRIC &	NUCLEAR PLT	P O BOX 315	SURRY	VA 23883	U.S.A.	79N62875	2
	VIRGINIA ELECTRIC &	NUCLEAR PLT	P O BOX 315	SURRY	VA 23883	U.S.A.	80N39601	2
98	VIRGINIA ELECTRIC &	NO ANNA POWER STA		MINERAL	VA 23117	U.S.A.	79N66872	1
	VIRGINIA ELECTRIC &	NO ANNA POWER STA		MINERAL	VA 23117	U.S.A.	80N34202	1
	VIRGINIA ELECTRIC &	NO ANNA POWER STA		MINERAL	VA 23117	U.S.A.	80N36332	1
	VIRGINIA ELECTRIC &	NO ANNA POWER STA		MINERAL	VA 23117	U.S.A.	81N48997	1
	VIRGINIA ELECTRIC &	NO ANNA POWER STA		MINERAL	VA 23117	U.S.A.	81N46423	1
	VIRGINIA ELECTRIC &	NO ANNA POWER STA		MINERAL	VA 23117	U.S.A.	82N39391	1
	VIRGINIA ELECTRIC &	NO ANNA POWER STA		MINERAL	VA 23117	U.S.A.	83N36390	2
	VIRGINIA ELECTRIC &	NO ANNA POWER STA		MINERAL	VA 23117	U.S.A.	83N62133	1
	VIRGINIA ELECTRIC &	NO ANNA POWER STA		MINERAL	VA 23117	U.S.A.	84N48925	1
	VIRGINIA ELECTRIC &	NO ANNA POWER STA		MINERAL	VA 23117	U.S.A.	85N43862	1
	VIRGINIA ELECTRIC &	NO ANNA POWER STA		MINERAL	VA 23117	U.S.A.	85N44750	1
	VIRGINIA ELECTRIC &	NO ANNA POWER STA		MINERAL	VA 23117	U.S.A.	87N36831	1
99	VIRGINIA ELECTRIC &		P O BOX 537	RICHMOND	VA 23204	U.S.A.	87N54188	1
	VIRGINIA ELECTRIC &		P O BOX 537	RICHMOND	VA 23204	U.S.A.	81N36985	1
100	VIRGINIA ELECTRIC &	INVOICE PROCESSING DEPART	PO BOX 26666	RICHMOND	VA 23261	U.S.A.	81N39606	1
	VIRGINIA ELECTRIC &	INVOICE PROCESSING DEPART	PO BOX 26666	RICHMOND	VA 23261	U.S.A.	81N55307	1
101	VIRGINIA ELECTRIC &	YORKTOWN POWER STA	P O BOX 571	RICHMOND	VA 23261	U.S.A.	81N55308	1
102	VIRGINIA POWER COMPA		P O BOX 402	YORKTOWN	VA 23690	U.S.A.	84N48217	1
104	WESTINGHOUSE ELECTRI		P O BOX 2510	MINERAL	VA 23117	U.S.A.	89N41923	1
105	WESTINGHOUSE ELECTRI	NAVAL REACTORS FACILITY		VERONA	VA 24402	U.S.A.	80N34677	3
106	WESTINGHOUSE RINGHAL			SCOVILLE	IO 83201	U.S.A.	87N51780	4
107	MINCO	SCOVILLE PLT	P O BOX 4000	VARO BACKA		SWEDEN	81N24116	1
108	WISCONSIN ELECTRIC P	POINT BEACH PLANT		IDAHO FALLS	IO 83403	U.S.A.	86N30025	10
	WISCONSIN ELECTRIC P	POINT BEACH PLANT		TWO RIVERS	WI 54241	U.S.A.	80N38621	6
	WISCONSIN ELECTRIC P	POINT BEACH PLANT		TWO RIVERS	WI 54241	U.S.A.	80N55876	143
	WISCONSIN ELECTRIC P	POINT BEACH PLANT		TWO RIVERS	WI 54241	U.S.A.	84N35768	1
109	WISCONSIN PUBLIC SER		P O BOX 700	GREEN BAY	WI 54305	U.S.A.	83N62310	3
110	WISCONSIN PUBLIC SER	KEAUWEE NUCLEAR PLT	RT 1 BOX 48	KEAUWEE	WI 54216	U.S.A.	79N43917	1
	WISCONSIN PUBLIC SER	KEAUWEE NUCLEAR PLT	RT 1 BOX 48	KEAUWEE	WI 54216	U.S.A.	81N62932	23

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SEQ NO.	USER	CUSTOMER NAME	DIVISION	ADDRESS	CITY	AND STATE	ZIP	COUNTRY	ORDER NUMBER	QUANT
110	WISCONSIN PUBLIC SER	KEWAUNEE NUCLEAR PLT	RT 1 BOX 48	KEWAUNEE	MI	54216 U.S.A.			81M64705	6
	WISCONSIN PUBLIC SER	KEWAUNEE NUCLEAR PLT	RT 1 BOX 48	KEWAUNEE	MI	54216 U.S.A.			81M64706	6
	WISCONSIN PUBLIC SER	KEWAUNEE NUCLEAR PLT	RT 1 BOX 48	KEWAUNEE	MI	54216 U.S.A.			83M1140	2
	WISCONSIN PUBLIC SER	KEWAUNEE NUCLEAR PLT	RT 1 BOX 48	KEWAUNEE	MI	54216 U.S.A.			84M50272	1
	WISCONSIN PUBLIC SER	KEWAUNEE NUCLEAR PLT	RT 1 BOX 48	KEWAUNEE	MI	54216 U.S.A.			84M53233	4
	WISCONSIN PUBLIC SER	KEWAUNEE NUCLEAR PLT	RT 1 BOX 48	KEWAUNEE	MI	54216 U.S.A.			85N35593	1
	WISCONSIN PUBLIC SER	KEWAUNEE NUCLEAR PLT	RT 1 BOX 48	KEWAUNEE	MI	54216 U.S.A.			86N30785	3
111	WISCONSIN PUBLIC SER	GAS DISTR		KEWAUNEE	MI	54216 U.S.A.			86N56864	10
112	WISCONSIN-MICHIGAN E	POINT BEACH NUCLEAR PLANT		MILWAUKEE	WI	53201 U.S.A.			86N52285	1
				THO RIVERS	WI	54241 U.S.A.			79M3175	4
FINAL TOTAL										
TOTAL NUMBER OF ITEMS RETRIEVED										493
										2986

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PRODUCT - N-E11,N-E13

N/A/N ORIGIN CUSTOMER/ORDER LIST FOR UNIDENTIFIABLE USERS

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SEQ NO.	ORIGIN CUSTOMER NAME	CITY	AND STATE	ZIP	COUNTRY	CUSTOMER ORDER NUMBER	ORDER NUMBER	QUANT
26	AMERICAN AIR FILTER	LOUISVILLE			U.S.A.	92-1300-104	04050513	2
30	ELLIS & MATTS CO	LOUISVILLE			U.S.A.	92-1323-10	05040743	2
53	FLANDERS FILTERS INC	CINCINNATI			U.S.A.	95994	07040275	1
55	LOVEJOY CONTROLS CORP	WASHINGTON			U.S.A.	57301	09040155	2
101	WASH ENGINEERING CO	MILWAUKEE			U.S.A.	2940	00037974	4
	WEST VALLEY NUCLEAR	WEST VALLEY			U.S.A.	82-11957	02050410	1
					U.S.A.	19-FWV-17901	00040625	15
FINAL TOTAL								27
TOTAL NUMBER OF ITEMS RETRIEVED								7