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 FACIL: 50-275 Diablo Canyon Nuclear Power Plant, Unit 1, Pacific Ga 05000275
 50-323 Diablo Canyon Nuclear Power Plant, Unit 2, Pacific Ga 05000323
 AUTH. NAME AUTHOR AFFILIATION
 SHIFFER, J.D. Pacific Gas & Electric Co.
 RECIP. NAME RECIPIENT AFFILIATION
 Document Control Branch (Document Control Desk)

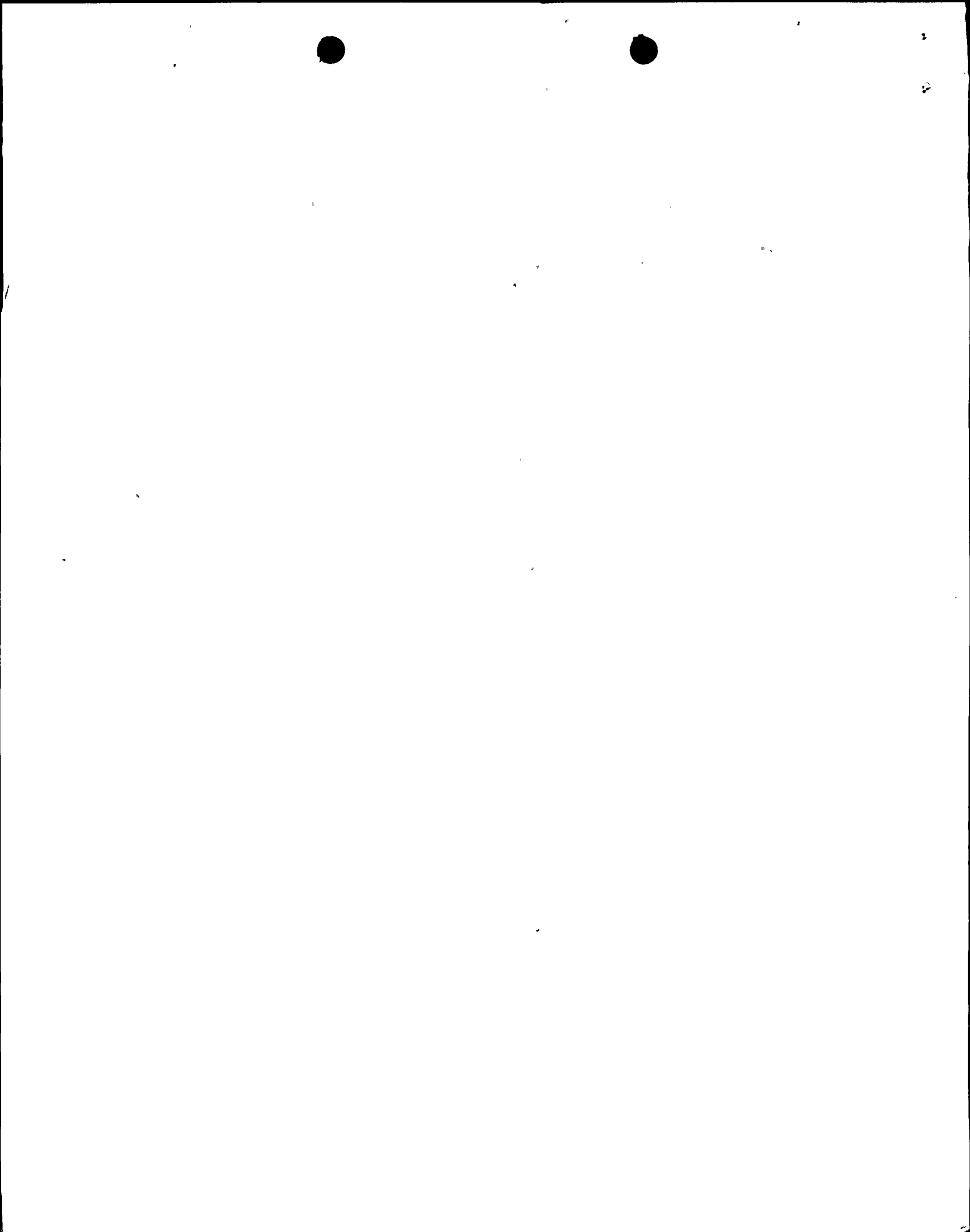
SUBJECT: Responds to NRC Bulletin 87-002, Suppl 1 re fastener testing to determine conformance w/applicable matl specifications. R

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 TITLE: 87-02 & 87-02 Supplement, Fastener Testing to Determine Conformance w/D D

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	NRR/DEST/ADS 7E		1	1	NRR/DOEA/EAB 11		1	1	S
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EXTERNAL:	EG&G BARNES, B		1	1	LPDR		2	2	
	NRC PDR		1	1	NSIC		1	1	

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Pacific Gas and Electric Company

77. Beale Street
San Francisco, CA 94106
415/973-4684
TWX 910-372-6587

James D. Shiffer
Vice President
Nuclear Power Generation

July 25, 1988

PG&E Letter No. DCL-88-186

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555



Re: Docket No. 50-275, OL-DPR-80
Docket No. 50-323, OL-DPR-82
Diablo Canyon Units 1 and 2
Response to NRC Bulletin 87-02, Supplement 1,
"Fastener Testing to Determine Conformance with
Applicable Material Specifications," dated April 22, 1988

Gentlemen:

NRC Bulletin 87-02, Supplement 1, "Fastener Testing to Determine Conformance with Applicable Material Specifications," requested licensees to submit information on the source and types of fasteners purchased for nuclear power plants. Enclosures 1 and 2 provide the requested information for safety related and non-safety related fasteners respectively, for Diablo Canyon Power Plant, Units 1 and 2.

In several cases specific material grades for material specifications have not been furnished. To do so would have required a search of PG&E purchase order files, which is not required pursuant to NRC Bulletin 87-02, Supplement 2.

Kindly acknowledge receipt of this material on the enclosed copy of this letter and return it in the enclosed addressed envelope.

Subscribed to in San Francisco, California this 25th day of July 1988.

Respectfully submitted,

Pacific Gas and Electric Company

By J. D. Shiffer
J. D. Shiffer
Vice President
Nuclear Power Generation

Howard V. Golub
Richard F. Locke
Attorneys for Pacific
Gas and Electric Company

By Richard F. Locke
Richard F. Locke

8808020286 880725
PDR ADOCK 05000275
Q PNU

Subscribed and sworn to before me
this 25th day of July 1988

Therese Toliver
Therese Toliver, Notary Public in
and for the City and County of
San Francisco, State of California

My commission expires December 25, 1990.

Enclosures

cc: J. B. Martin
M. M. Mendoca
P. P. Narbut

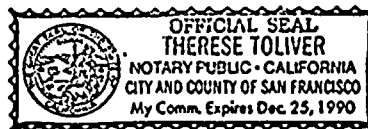
B. Norton
H. Rood
B. H. Vogler

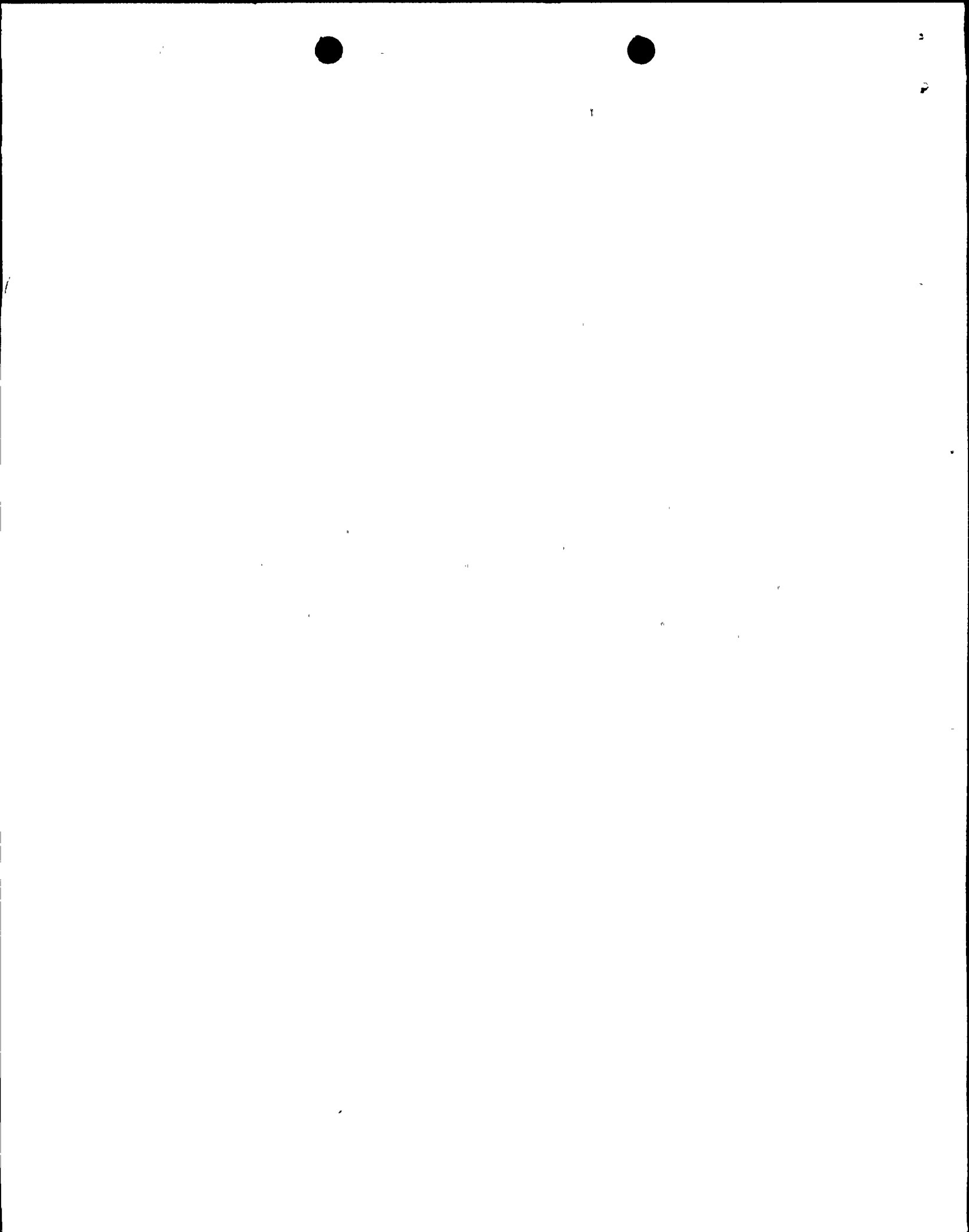
CPUC
Diablo Distribution

2226S/0061K/DJH/1817

IE 57

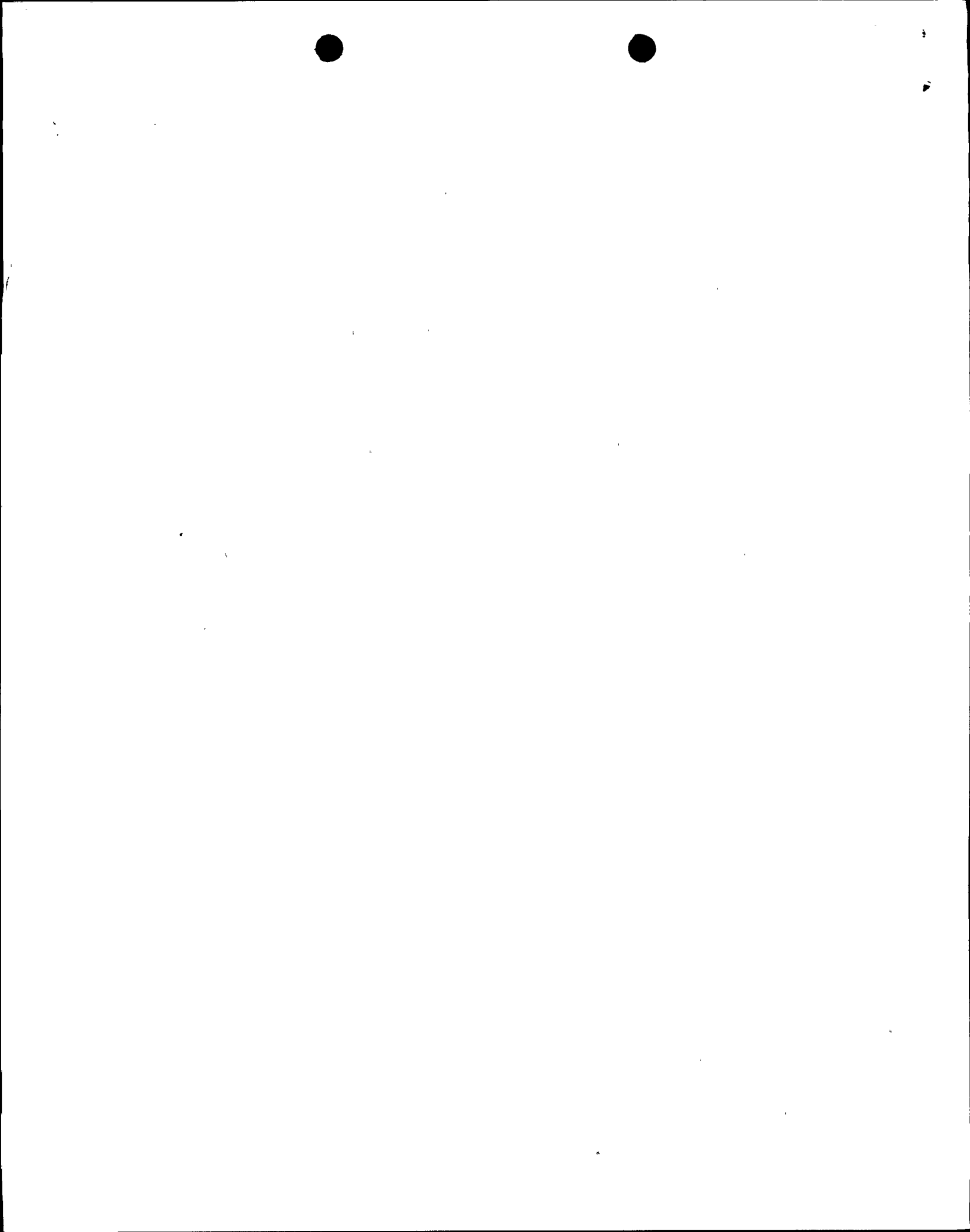
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ENCLOSURE 1

NRC BULLETIN 87-02, SUPPLEMENT 1
SAFETY RELATED FASTENERS USED AT DCPD UNITS 1 AND 2

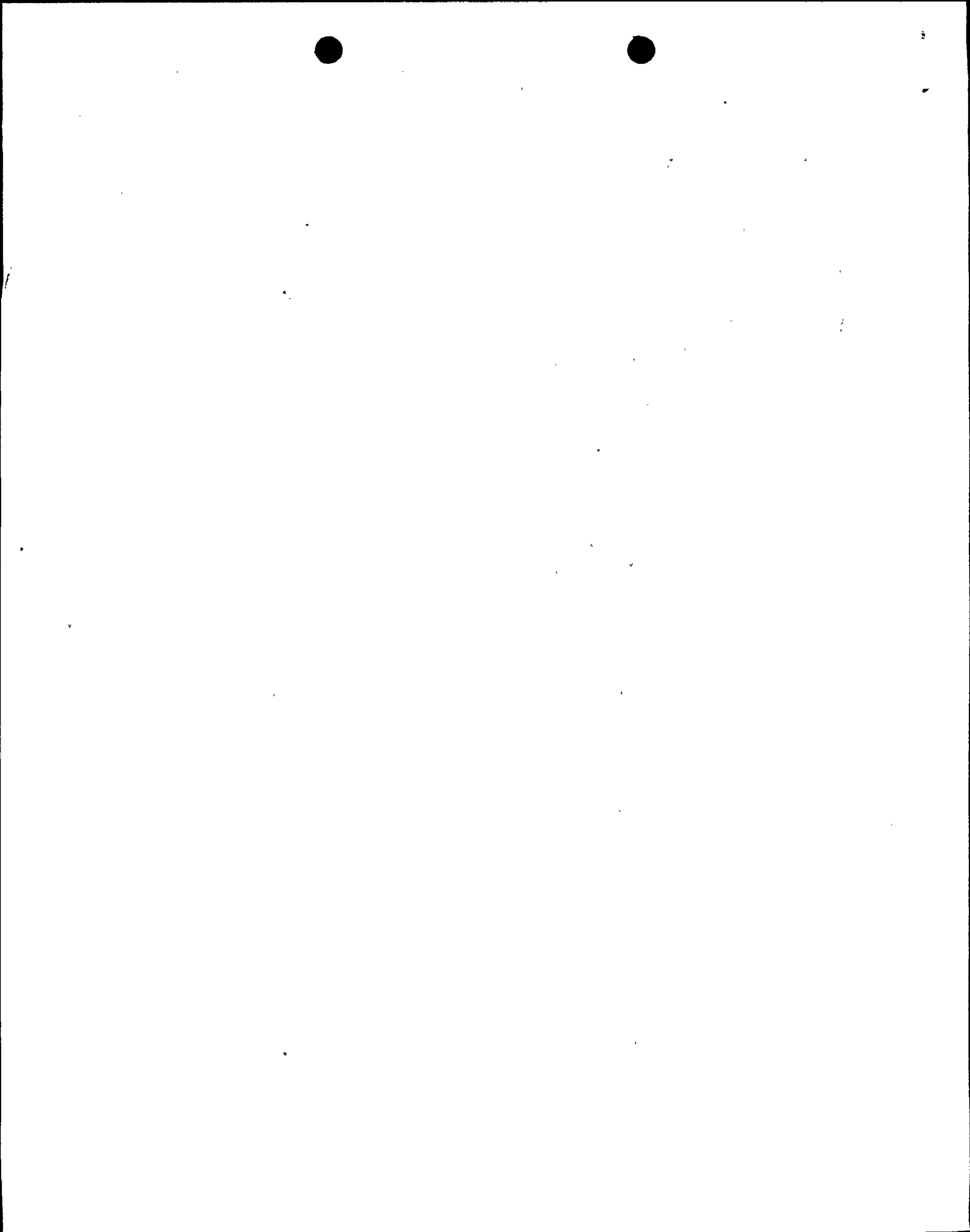


ENCLOSURE 1
SAFETY RELATED FASTENERS

VENDOR
FASTENER TYPE MATERIAL SPECIFICATION

A & G ENGINEERING COMPANY II INC
4640 E. LA PALMA AVENUE
ANAHEIM CA 92807

ALL THREAD	ASME SA-193 GRADE B7
ALL THREAD	ASME SA-193 GRADE B16
ALL THREAD	ASME SA-564 TYPE 630
ALL THREAD	ASME SA-307 GRADE B
ALL THREAD	ASME SA-453 GRADE 660
BOLTING	ASTM A193
BOLTING	ASME SA-193
BOLTS	ASTM A354
BOLTS	SAE J429 GRADE 5
BOLTS	ASTM A325
BOLTS	SAE J429 GRADE 2
BOLTS	ASTM F593
BOLTS	ASME SA-307 GRADE 8
BOLTS	ASTM A490
BOLTS	ASME SA-193 GRADE B7
BOLTS	ASTM A307
BOLTS	ASME SA-193
BOLTS	SAE J429 GRADE 8
BOLTS	ASME SA-564 TYPE 630
FASTENER	ASTM A307
FASTENER	ASTM A307 GRADE B
NUTS	ASME SA-194 GRADE 2H
NUTS	ASME SA-194
NUTS	SAE J429 GRADE 2
NUTS	ASTM A354
NUTS	ASTM A194
NUTS	ASTM A194 GRADE 5
NUTS	ASTM A194 GRADE 8
NUTS	ASTM A563 GRADE B
NUTS	ASME SA-194 GRADE 7
NUTS	ASME SA-564 TYPE 630
NUTS	ASME SA-453 GRADE 660
NUTS	SAE J429 GRADE 5
SCREWS	ASTM A574
SCREWS	ASTM A544
SCREWS	ASTM A354 GRADE BD
SCREWS	ASME SA-564 TYPE 630
SCREWS	SAE J429 GRADE 5
SCREWS	SAE J429 GRADE 8
SCREWS	ASME SA-193 GRADE B7
SCREWS	ASTM F593



ENCLOSURE 1
SAFETY RELATED FASTENERS

VENDOR
FASTENER TYPE MATERIAL SPECIFICATION

SCREWS	AISI 316
STUDS	ASTM A354
STUDS	ASTM F593
STUDS	ASME SA-193 GRADE B7

ALCO POWER INC.
100 ORCHARD ST.
AUBURN NY 13021

BOLTS	ORDERED BY PART NUMBER
NUTS	ORDERED BY PART NUMBER
SCREWS	ORDERED BY PART NUMBER

ALCO POWER INC., BOMBARDIER DIV.
2500 ALAMEDA AVE., SUITE 211
NORFOLK VA 23513

BOLTS	ORDERED BY PART NUMBER
NUTS	ORDERED BY PART NUMBER
SCREWS	ORDERED BY PART NUMBER

ALLIED ELECTRIC MOTOR SERVICE, INC.
4690 EAST JENSEN AVENUE
FRESNO CA 93725

NUTS	ORDERED BY PART NUMBER
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ALLIED NUT & BOLT
P.O. BOX 670
KING OF PRUSSIA PA 19406

BOLTING	ASTM A193
BOLTS	ASTM A354
BOLTS	ASTM A449
BOLTS	ASTM A325
BOLTS	ASTM A490
FASTENER	ASTM A307
FASTENER	ASTM A354
NUTS	ASTM A563
NUTS	ASTM A194
STUDS	ASTM A449
STUDS	ASTM A354

ALMAY RESEARCH & TESTING CORPORATION
1415 NEWTON ST.
LOS ANGELES CA 90021

NUTS	ASTM A194
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ENCLOSURE 1
SAFETY RELATED FASTENERS

VENDOR	
FASTENER TYPE	MATERIAL SPECIFICATION

AMERICAN WARMING & VENTILATING
1310 INDIANWOOD CIRCLE
MAUKEE OH 43537

BOLTS ORDERED BY PART NUMBER

AMETEK INC., SCHUTTE & KOERTING DIV.
2233 STATE ROAD
BEN SALEM PA 19020

NUTS ASTM A194 GRADE 2H
SCREWS ORDERED BY PART NUMBER
STUDS ASTM A193 GRADE B16

AMFAC ELECTRIC SUPPLY CO.
P.O. BOX 730
SANTA MARIA CA 93456

BOLTS SAE GRADE 2 OR BETTER
NUTS ORDERED BY PART NUMBER
NUTS SAE GRADE 2 OR BETTER

AMP SPECIAL IND.
1840 SOUTH WILMINGTON AVE.
COMPTON CA 90220

SCREWS ORDERED BY PART NUMBER

ANCHOR DARLING INDUSTRIES, INC.
P.O. BOX 300
KULPSVILLE PA 19443

BOLTING ASTM A320
BOLTING ASME SA-193

ANCHOR/DARLING INDUSTRIES
P. O. BOX 160
HATFIELD PA 19440

BOLTS ORDERED BY PART NUMBER

ANCHOR/DARLING VALVE CO.
P. O. BOX 3428
WILLIAMSPORT PA 17701



ENCLOSURE 1
SAFETY RELATED FASTENERS

VENDOR
FASTENER TYPE MATERIAL SPECIFICATION

BOLTS	ASTM A193 GRADE B6
NUTS	ASTM A194 GRADE 2H
NUTS	ASTM A194 GRADE 7
NUTS	ASTM A582 TYPE 416
NUTS	ASTM A194 TYPE 410
NUTS	ASTM A194 GRADE 8
SCREWS	ASTM A574
SCREWS	ORDERED BY PART NUMBER
STUDS	ASME SA-564 TYPE 630
STUDS	ASTM A193 GRADE B7
STUDS	ASTM A193 GRADE B8

ANDERSON
722 W. BETTERAVIA
SANTA MARIA CA 93454

BOLTING	ASTM A193
BOLTS	ASTM A490
BOLTS	ASTM A325
BOLTS	ASTM A449
FASTENER	ASTM A307
NUTS	ASTM A563
NUTS	ASTM A194
STUDS	ASTM A449

ANDERSON INDUSTRIAL SUPPLY
2336 SKYWAY DRIVE, UNIT 9
SANTA MATIA CA 93455

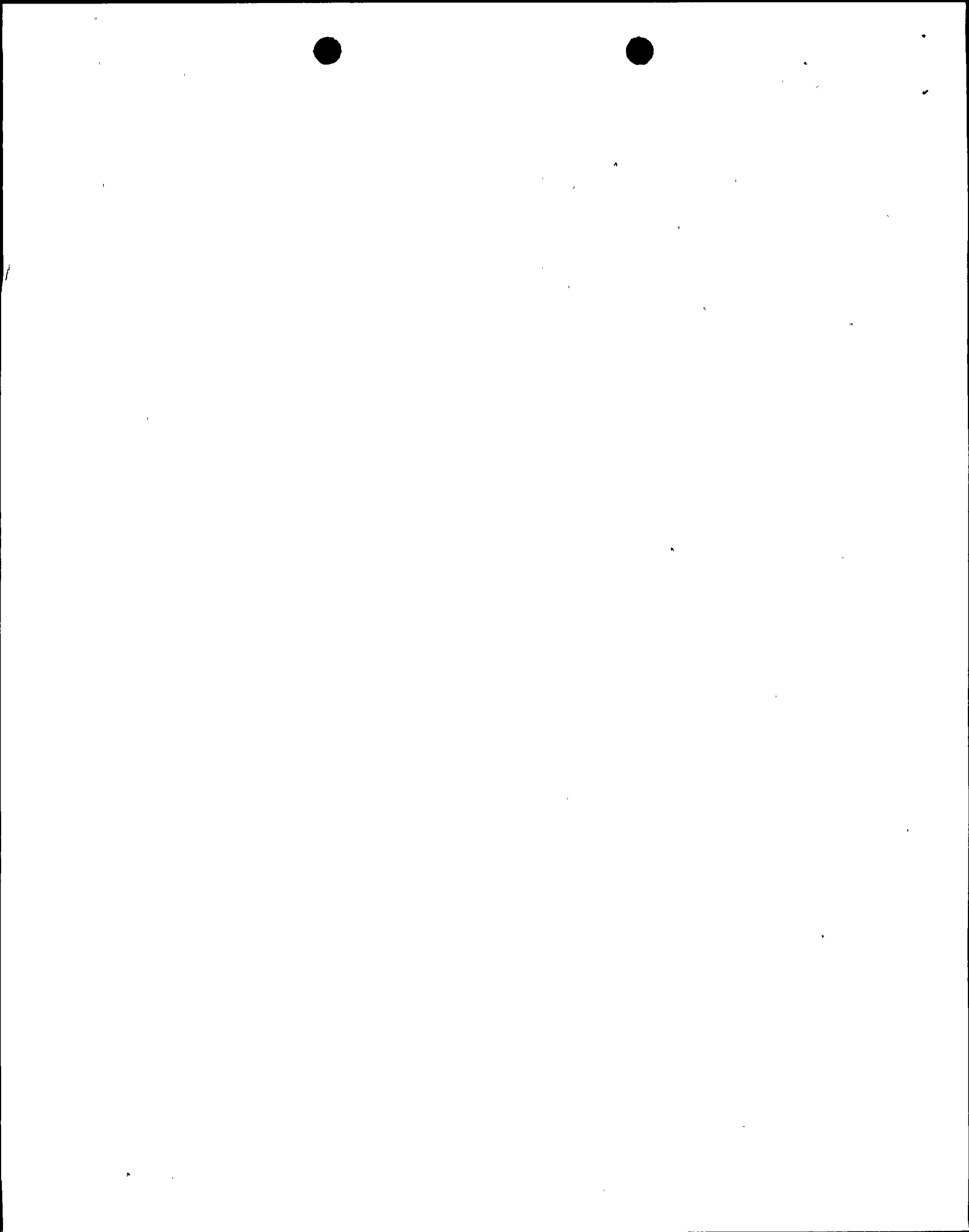
BOLTS	ASTM A325
BOLTS	SAE J429 GRADE 5
FASTENER	ASTM A307
NUTS	ASTM A563
NUTS	ASTM A194

BERKELEY PUMP CO.
5285 MALLARD WAY
PORTLAND OR 97222

SCREWS	ORDERED BY PART NUMBER
--------	------------------------

BINGHAM INTERNATIONAL INC.
2800 N. W. FRONT AVENUE
PORTLAND OR 97210

NUTS	ORDERED BY PART NUMBER
SCREWS	ORDERED BY PART NUMBER



ENCLOSURE 1
SAFETY RELATED FASTENERS

VENDOR
FASTENER TYPE MATERIAL SPECIFICATION

BRYON-JACKSON PUMPS DIV.
100 BUSH ST./SUITE 1910
SAN FRANCISCO CA 94104

STUDS ORDERED BY PART NUMBER

CARDINAL INDUSTRIAL
3873 W. OQUENDO RD.
LAS VEGAS NV 89118

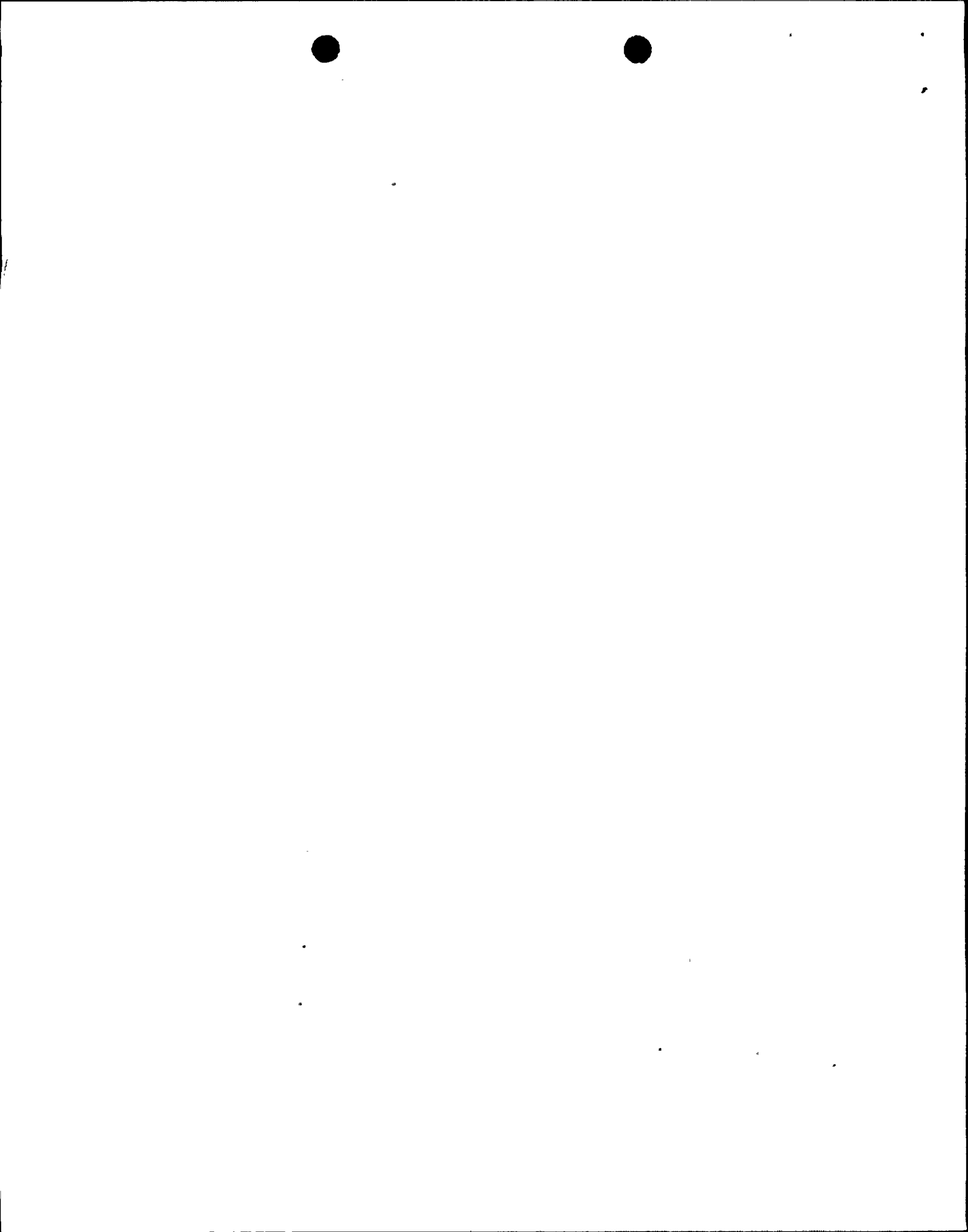
ALL THREAD	ASME SA-564 TYPE 630
BOLTING	ASME SA-193
BOLTING	ASTM A193
BOLTS	ASTM A325
BOLTS	ASTM A490
BOLTS	ASME SA-307 GRADE B
BOLTS	ASTM A354
BOLTS	SAE J429 GRADE 5
BOLTS	ASTM A193 GRADE 7
FASTENER	ASTM A307
FASTENER	ASTM A354
FASTENER	ASTM A307B
FASTENER	ASME SA-307
NUTS	SAE J429 GRADE 5
NUTS	ASTM A490
NUTS	ASTM A194 GRADE 8M
NUTS	SAE J429 GRADE 2
NUTS	ASTM A194
NUTS	ASME SA-194
STUDS	ASME SA-193 GRADE B7
STUDS	ASTM A193 GRADE B7
STUDS	ASTM A354

COAST INDUSTRIAL SUPPLY
3741 DOYLE ST.
EMERYVILLE CA 94608

BOLTS	ORDERED BY PART NUMBER
NUTS	ORDERED BY PART NUMBER
SCREWS	ORDERED BY PART NUMBER

COAST WELDING SUPPLIES INC.
916 W. BETTERAVIA RD.
SANTA MARIA CA 93454

BOLTING	ASTM B193 GRADE B7
BOLTING	ASTM A193
BOLTS	ASTM F593



ENCLOSURE 1
SAFETY RELATED FASTENERS

VENDOR FASTENER TYPE	MATERIAL SPECIFICATION
BOLTS	ASTM A449
BOLTS	ASTM A490
BOLTS	SAE J429 GRADE 5
BOLTS	ASTM A325
BOLTS	ASTM A325
FASTENER	ASTM A307
NUTS	ASTM A194 GRADE 2H
NUTS	ASTM A194
NUTS	SAE J429 GRADE 8
NUTS	ASTM A563
NUTS	ASTM F594
SCREWS	ASTM F593
STUDS	ASTM F593
STUDS	ASTM A449

COMBUSTION ENGINEERING INC., POWER SYSTEMS DIV.
1000 PROSPECT HILL ROAD
WINDSOR CT 06095

NUTS ORDERED BY PART NUMBER
SCREWS ORDERED BY PART NUMBER

CONTROMATICS DIV./LITTON INDS.
222 ROBERTS ST.
EAST HARTFORD CT 06108

NUTS ORDERED BY PART NUMBER
SCREWS ASTM A193 GRADE B8

COPEES-VULCAN INC.
P. O. BOX 577
LAKE CITY PA 16423

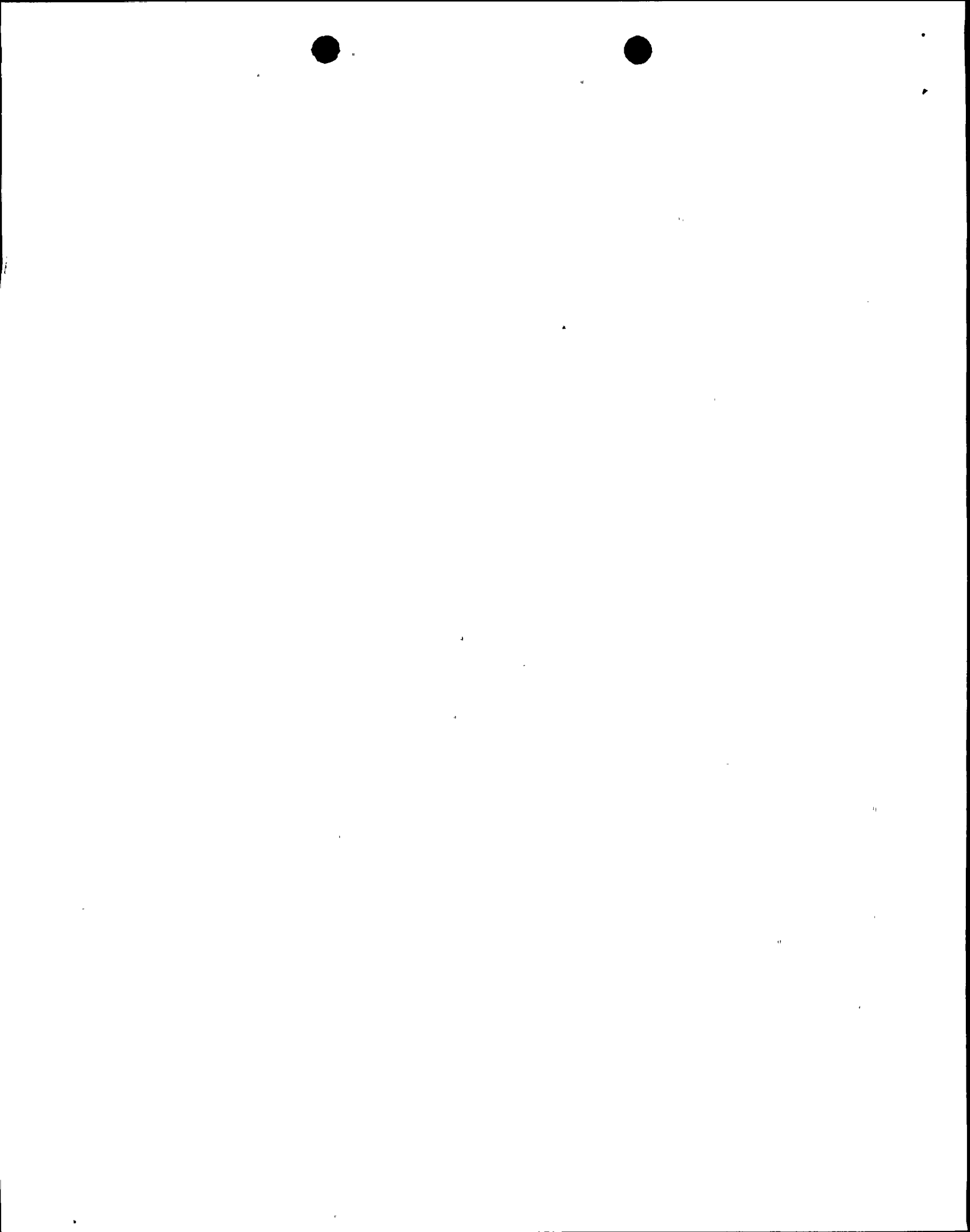
SCREWS ORDERED BY PART NUMBER

CORDOVA BOLT INC.
5601 DOLLY AVE.
BUENA PARK CA 90621

NUTS ORDERED BY PART NUMBER
SCREWS ORDERED BY PART NUMBER

CORDOVA BOLT, INC.
14014 GARNET STREET
SANTA FE SPRINGS CA 90670

BOLTING ASTM A193
BOLTS ASTM A325



ENCLOSURE 1
SAFETY RELATED FASTENERS

VENDOR FASTENER TYPE	MATERIAL SPECIFICATION
-------------------------	------------------------

BOLTS	ASTM A490
FASTENER	ASTM A307
NUTS	ASTM A563
NUTS	ASTM A194

CRANE-ALOYCO INC. 12 EAST DEVONWOOD ROMEONVILLE	IL 60441
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NUTS	ORDERED BY PART NUMBER
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CROSBY VALVE P. O. BOX 308 WRENTHAM	MA 02093
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SCREWS	ORDERED BY PART NUMBER
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D'VALS SALES COMPANY 10027 SOUTH PIONEER BLVD. SANTA FE SPRINGS	CA 90670
---	----------

NUTS	ASTM A479
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DRESSER INDUSTRIES, INC. 41 FISHER AVE. BRADFORD	PA 16701
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FASTENER	ASTM A307
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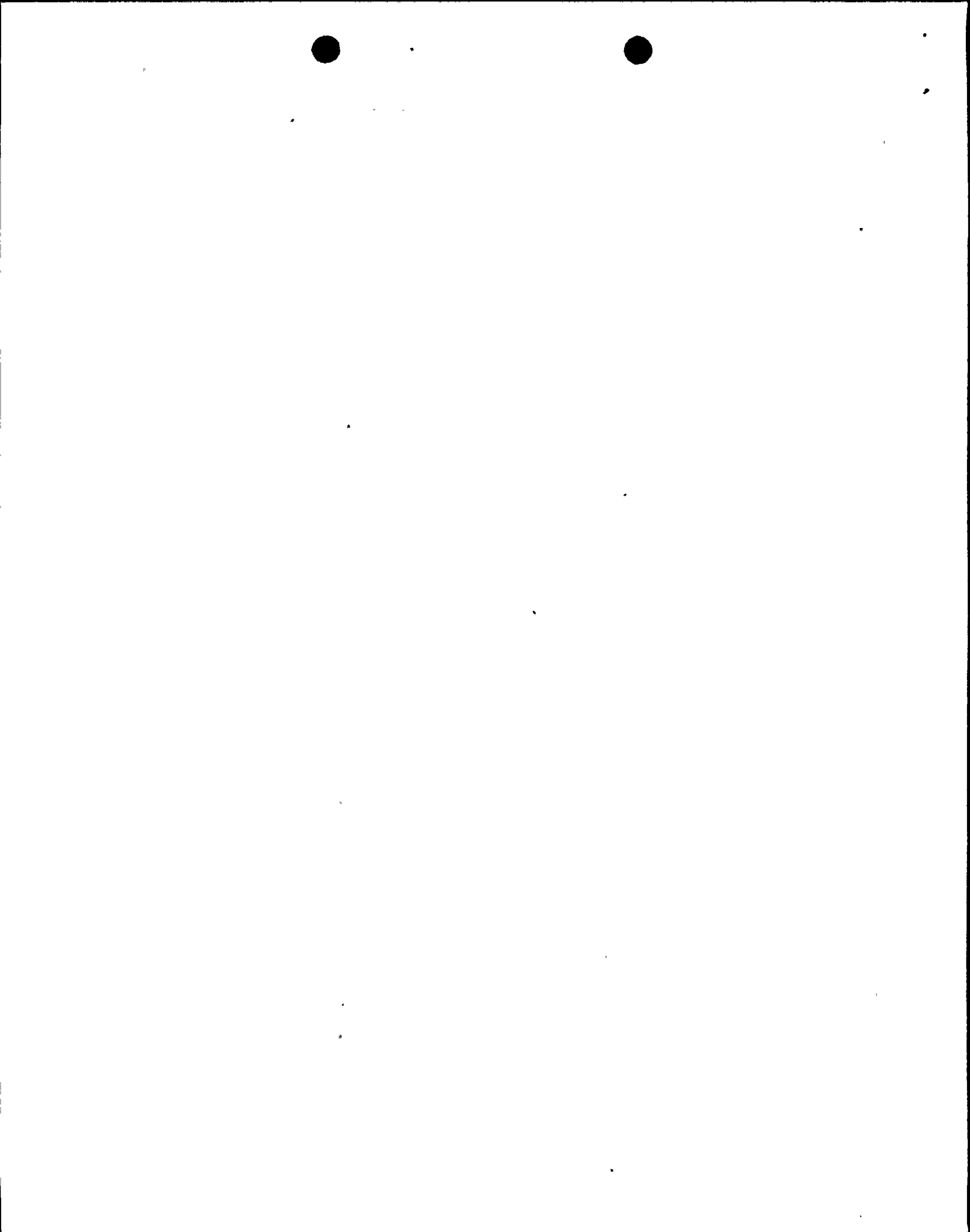
DURAMETALLIC CORP. 2168 FACTORY ST. KALAMASOO	MI 49001
---	----------

SCREWS	ORDERED BY PART NUMBER
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FAIRBANKS MORSE PUMP DIV. P. O. BOX 2129 KANSAS CITY	KS 66110
--	----------

BOLTS	ORDERED BY PART NUMBER
NUTS	ORDERED BY PART NUMBER

FASTENER CORP/DJD FASTENER CORP 3702 RIVER ROAD FRANKLIN PARK	IL 60131
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ENCLOSURE 1
SAFETY RELATED FASTENERS

VENDOR FASTENER TYPE	MATERIAL SPECIFICATION
-------------------------	------------------------

NUTS	ASTM A194 GRADE-8F
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FISCHER & PORTER CO. P. O. BOX C5010 WARMINSTER	PA 18974
---	----------

SCREWS	ORDERED BY PART NUMBER
--------	------------------------

FISHER CONTROLS CO. INC., C/O CONTROL INC. 9645 TELSTAR AVE. EL MONTE	CA 91734
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NUTS	ORDERED BY PART NUMBER
SCREWS	ORDERED BY PART NUMBER

FRESNO BOLTS PO BOX 12808 FRESNO	CA 93770
--	----------

NUTS	ORDERED BY PART NUMBER
SCREWS	ORDERED BY PART NUMBER

GALLAGHER, R. J. CO. 1756 EASTMAN AVE., SUITE 101 VENTURA	CA 93003
---	----------

NUTS	ORDERED BY PART NUMBER
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GENERAL ELECTRIC CO. P. O. BOX 3736 SAN FRANCISCO	CA 94119
---	----------

NUTS	ORDERED BY PART NUMBER
SCREWS	ORDERED BY PART NUMBER

GESCO 5400 HOLLIS AVENUE EMERYVILLE	CA 94608
---	----------

BOLTS	ORDERED BY PART NUMBER
NUTS	ORDERED BY PART NUMBER

GLASER & ASSOCIATES 5635-B SAN DIEGO STREET EL CERRITO	CA 94530
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ENCLOSURE 1
SAFETY RELATED FASTENERS

VENDOR
FASTENER TYPE MATERIAL SPECIFICATION

BOLTS ASTM A490
NUTS ASTM A194

GOULDS PUMPS INC., ENGINEERED PRODUCTS DIV.
240 FALL ST
SENECA FALLS. NY 13148

BOLTS ORDERED BY PART NUMBER
SCREWS ORDERED BY PART NUMBER

GRINNELL CORP., PLANT SYSTEMS SERVICES
294 W. EXCHANGE ST.
PROVIDENCE RI 02901

STUDS ORDERED BY PART NUMBER

GRINNELL SUPPLY SALES CO.
801 SOUTH PLACENTIA
FULLERTON CA 92631

NUTS ASTM A563 GRADE A
U-BOLT ASTM A36

GUYON ALLOYS, INC.
100 HUNTINGTON DRIVE, STE 200
MONROVIA CA 91016

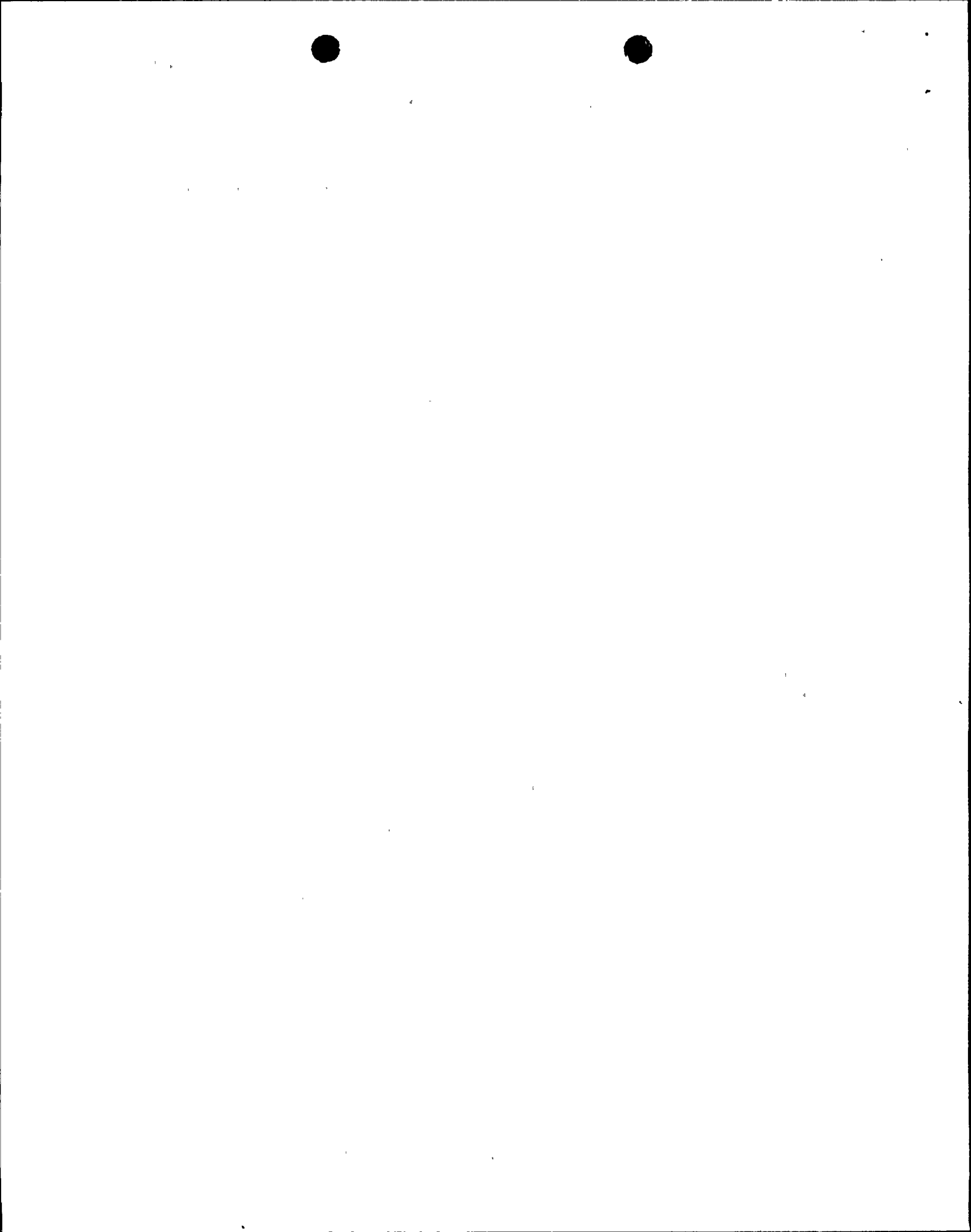
BOLTS ASTM A490 TYPE 1
NUTS ASME SA453 GRADE 660

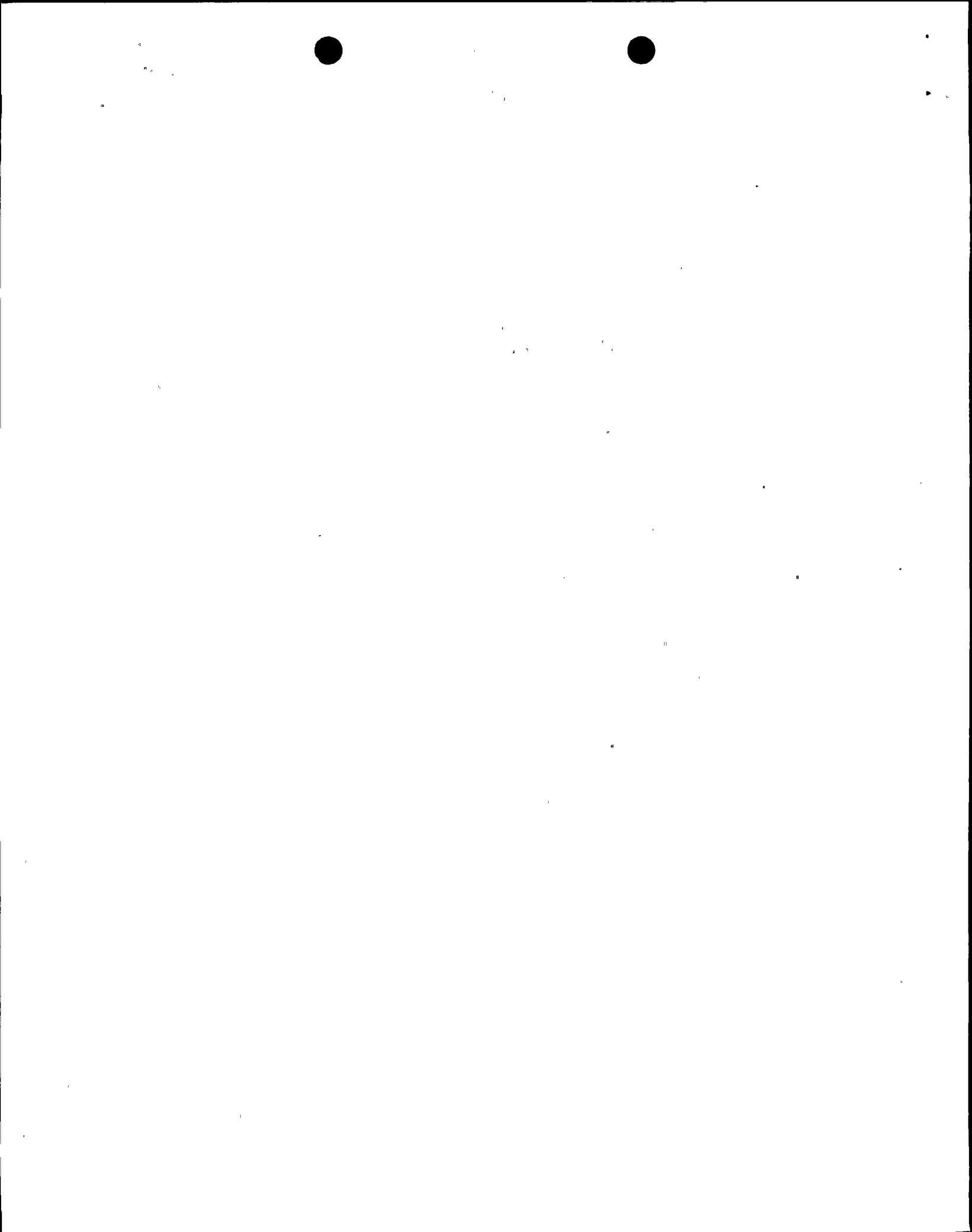
HAYWOOD-TYLER PUMP CO.
3746 MT. DIABLO BLVD.
LAFAYETTE CA 94549

NUTS ORDERED BY PART NUMBER

HILTI
14500 DOOLITTLE JR.
SAN LEANDRO CA 94577

BOLTS ASTM A325
NUTS ASTM A563





ENCLOSURE 1
SAFETY RELATED FASTENERS

VENDOR FASTENER TYPE	MATERIAL SPECIFICATION
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ITT GENERAL CONTROLS 801 ALLEN AVE. GLENDALE	CA 91202
--	----------

NUTS	ORDERED BY PART NUMBER
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ITT GRINNELL 6121 HOLLIS ST. OAKLAND	CA 94604
--	----------

BOLTING CLAMP U-BOLT	ASTM A193 ANSI B31.1 CLASS 2 ANSI B31.1 CLASS 2
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JORGENSEN STEEL -0- OAKLAND	CA 94623
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STUDS	ORDERED BY PART NUMBER
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KAMAN BEARING CO 219 W. BETTERAVIA RD. SANTA MARIA	CA 93454
--	----------

BOLTS	ORDERED BY PART NUMBER
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KING BEARING INC 1010 W. BETTERAVIA RD. SANTA MARIA	CA 93455
---	----------

NUTS	ORDERED BY PART NUMBER
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LEEDS & NORTHRUP CO. 1 WATERS PARK DR., SUITE 100 SAN MATEO	CA 94403
---	----------

SCREWS	ORDERED BY PART NUMBER
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LIBERTY ENGINEERING 9300 MASON AVENUE CHATSWORTH	CA 91311
--	----------

NUTS	ORDERED BY PART NUMBER
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ENCLOSURE 1
SAFETY RELATED FASTENERS

VENDOR	FASTENER TYPE	MATERIAL SPECIFICATION
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LIMITORQUE CORP. 5114 WOODALL RD. LYNCHBURG		VA 24506
NUTS		ORDERED BY PART NUMBER
LONE STAR 5826 ARMOR DR. HOUSTON		TX 77020
BOLTING		ASME SA-193
BOLTING		ASTM A193
BOLTS		ASTM A354
BOLTS		ASTM A490
BOLTS		ASTM A325
FASTENER		ASTM A354
FASTENER		ASTM A307
NUTS		ASTM A194
SCREWS		ASTM A574
STUDS		ASTM A354
LONERGAN, J. E. CO. 10050 SANDMEYER LANE PHILADELPHIA		PA 19116
SCREWS		ORDERED BY PART NUMBER
M AND S SUPPLY P.O. BOX 934 SANTA MARIA		CA 93456
BOLTS		SAE J429 GRADE 5
MASONEILAN-DRESSER INDUSTRIES -C/O CFM-LA INC. 1211 JOHN REED COURT CITY OF INDUSTRY		CA 91745
NUTS		ORDERED BY PART NUMBER
MCCARTHY TANK AND STEEL CO. P.O. BOX 89 SAN LUIS OBISPO		CA 93406
BOLTS		ASTM A490
FASTENER		ASTM A307
NUTS		ASTM A194



ENCLOSURE 1
SAFETY RELATED FASTENERS

VENDOR
FASTENER TYPE

MATERIAL SPECIFICATION

MCCORMICK-MORGAN
1415 EVANS AVENUE
SAN FRANCISCO

CA 94124

NUTS

ORDERED BY PART NUMBER

MCCORMICK-MORGAN INC.
1415 EVANS AVE.
SAN FRANCISCO

CA 94124

BOLTS
NUTS

ORDERED BY PART NUMBER
ORDERED BY PART NUMBER

MCMASTER-CARR CO.
P. O. BOX 54960
LOS ANGELES

CA 90054

BOLTS
BOLTS
NUTS
NUTS
SCREWS

ASTM A325
ORDERED BY PART NUMBER
ORDERED BY PART NUMBER
ASTM A563
ORDERED BY PART NUMBER

NPS INDUSTRIES
P.O. BOX 2038
SECAUEUS

NJ 07094

BOLTING
BOLTS
FASTENER
FASTENER
NUTS
NUTS
NUTS
STUDS

ASME SA-193
ASTM A354
ASME SA-307
ASTM A354
ASME SA-194
ASTM A563
ASTM A194
ASTM A354

NPS INDUSTRIES INC.
10420 METRIC BLVD.
AUSTIN

TX 78758

BOLTING
BOLTING
FASTENER
NUTS
NUTS
NUTS
U-BOLT

ASME SA-193
ASTM A193
ASTM A307
ORDERED BY PART NUMBER
ASME SA-194
ASTM A563
ASTM A193 GRADE B7 - SOME ORDERED BY PART NUMBER



ENCLOSURE 1
SAFETY RELATED FASTENERS

VENDOR FASTENER TYPE	MATERIAL SPECIFICATION
-------------------------	------------------------

PACIFIC PUMPS DIV./DRESSER IND.
5715 BRICKETT ST.
HUNTINGTON PARK CA 90255

BOLTS	ORDERED BY PART NUMBER
NUTS	ORDERED BY PART NUMBER
SCREWS	ORDERED BY PART NUMBER
STUDS	ORDERED BY PART NUMBER

PACIFIC SCIENTIFIC CO., KINTECH DIV.
1346 S. STATE COLLEGE BLVD.
ANAHEIM CA 92803

SCREWS	ORDERED BY PART NUMBER
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PALL TRINITY MICRO CORP., C/O MENSICO DIV.
46121 WARM SPRINGS BLVD.
FREMONT CA 94539

BOLTS	ORDERED BY PART NUMBER
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PRECISION MACHINE
3030 MCMILLAN ROAD
SAN LUIS OBISPO CA 93401

FASTENER	ASTM A307
NUTS	SAE J429 GRADE 2

PULLMAN PWR. PROD. CORP.
211 E. OCEAN BLVD.
LONG BEACH CA 90802

BOLTS	ASTM A490 TYPE 1
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R. P. RICHARDS
200 SUBURBAN WAY
SAN LUIS OBISPO CA 93401

BOLTING	ASTM A193
BOLTS	ASTM A325
BOLTS	ASTM A490



ENCLOSURE 1
SAFETY RELATED FASTENERS

VENDOR
FASTENER TYPE MATERIAL SPECIFICATION

RAILWAY SPECIALTIES CORP.
P. O. BOX 29
BRISTOL

PA 19007

BOLTS TYPE 304SS - ORDERED BY PART NUMBER

REPUBLIC SUPPLY CO
P.O. BOX 585
SANTA MARIA

CA 93454

FASTENER ASTM A307
NUTS ORDERED BY PART NUMBER
NUTS ASTM A194

REPUBLIC SUPPLY COMPANY OF CA.
20101 S. SANTA FE AVE.
COMPTON

CA 90221

FASTENER ASTM A307
NUTS ASTM A194

ROCKWELL INT., FLOW CONTROL DIV.
P. O. BOX 1961
RALEIGH

NC 27602

BOLTS AISI T416 HB300 SS
NUTS ORDERED BY PART NUMBER

ROSEMOUNT INC.
12001 TECHNOLOGY DRIVE
EDEN PRAIRIE

MN 55344

NUTS ORDERED BY PART NUMBER
SCREWS ORDERED BY PART NUMBER

S.L.O. WORK
11A HIGUERA ST.
SAN LUIS OBISPO

CA 93401

FASTENER ASTM A307
NUTS ASTM A563



ENCLOSURE 1
SAFETY RELATED FASTENERS

VENDOR
FASTENER TYPE MATERIAL SPECIFICATION

SANTA MARIA OILFIELD SUPPLY
841 WEST MCCOY LANE
SANTA MARIA CA 93455

BOLTS ORDERED BY PART NUMBER
NUTS ORDERED BY PART NUMBER
U-BOLT ORDERED BY PART NUMBER

SPECIALTY TOOL & SUPPLY CO.
P.O. BOX 848
GOLETA CA 93017

ALL THREAD ASTM A307
BOLTS ASTM A490
BOLTS ASTM A325
BOLTS ASTM A307
FASTENER ASTM A307
NUTS ASTM A307
NUTS ASTM A194

TERRY TURBINE, DRESSER RAND, C/O FLOYD E. WELCH & ASSOC.
P. O. BOX 5407
SAN MATEO CA 94402

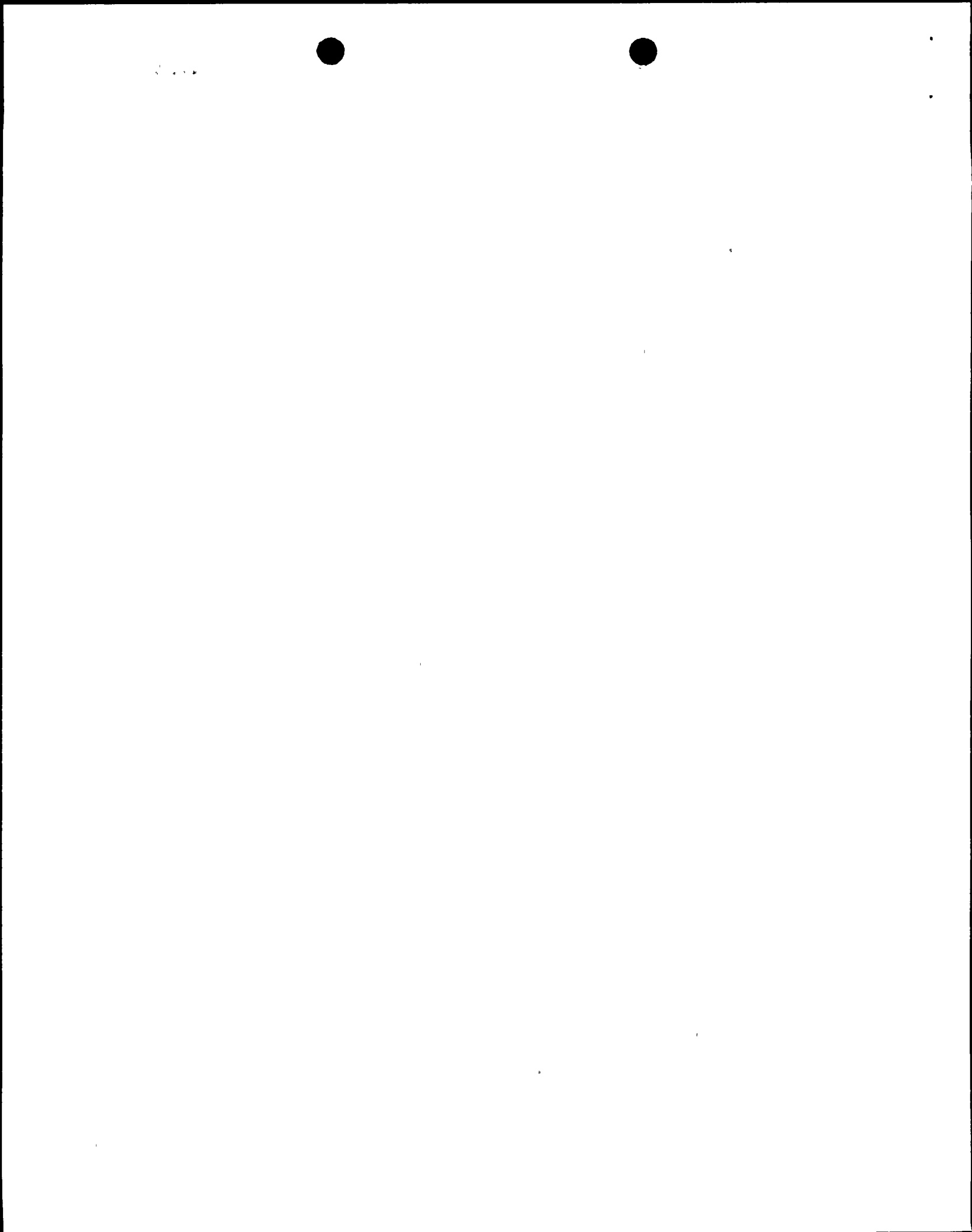
BOLTS ORDERED BY PART NUMBER

TEXAS BOLT C/O GLASER & ASSOC.
5635 SAN DIEGO
EL CERRITO CA 94530

NUTS ASTM A194

TEXAS BOLT CO.
3233 W. ELEVENTH ST.
HOUSTON TX 77008

ALL THREAD ASTM A193 GRADE B7
BOLTING ASME SA-193
BOLTING ASME SA-540
BOLTS ASTM A307 GRADE B
BOLTS ASTM A325
BOLTS ASTM A490
FASTENER ASTM A307
NUTS ASME SA-194
NUTS ASME SA-194 GRADE 7
NUTS ASME SA-194 GRADE 2H
NUTS ASTM A194



ENCLOSURE 1
SAFETY RELATED FASTENERSVENDOR
FASTENER TYPE

MATERIAL SPECIFICATION

STUDS	ASTM A193 GRADE B8T
STUDS	ASTM A193 GRADE B8
STUDS	ASTM A193 GRADE B7

TRW, NELSON DIV.
820 ALADDIN AVE.
SAN LEANDRO

CA 94577

FASTENER

ASTM A307

U.S. STEEL SUPPLY
P.O. BOX 2826
LOS ANGELES

CA 90051

NUTS

ASTM A563

UNISTRUT CORP
14600 S. MARQUART STREET
SANTA FE SPRINGS CA 90670

NUTS

ORDERED BY PART NUMBER

VALCOR ENGINEERING CORPORATION
2 LAWRENCE RD.
SPRINGFIELD

NJ 07881

NUTS
SCREWSORDERED BY PART NUMBER
ORDERED BY PART NUMBERVELAN VALVE CORP
2125 WARD AVE (ZIP H4M1T6)
MONTREAL QUEBEC CN -0-

BOLTS	ASTM A193 GRADE B7
NUTS	ASTM A194 GRADE 2H
NUTS	ASTM A276
NUTS	ASME SA-194 GRADE 7
NUTS	ASTM A582 GRADE 416
NUTS	ASTM A194 GRADE 7
NUTS	ASTM A564 TYPE 630
SCREWS	ASTM A479 TYPE 304 - SOME ORDERED BY PART NUMBER
STUDS	ASTM A193 GRADE B7

VOGT, HENRY MACHINE CO - VALVE & FITTING DIVISION
P.O. BOX 1918
LOUISVILLE KY 40201



ENCLOSURE 1
SAFETY RELATED FASTENERS

VENDOR
FASTENER TYPE MATERIAL SPECIFICATION

STUDS TYPE 410 - ORDERED BY PART NUMBER

WESTINGHOUSE ELEC CORP
P.O. BOX 1268
LAFAYETTE CA 94549

BOLTS ORDERED BY PART NUMBER
NUTS ORDERED BY PART NUMBER
SCREWS ORDERED BY PART NUMBER
STUDS ORDERED BY PART NUMBER (SUBVENDOR - ANCHOR/DARLING)

WILLIAMS FORM ENG.
9695 DISTRIBUTION AVE.
SAN DIEGO CA 92121

BOLTS ASTM A325
FASTENER ASTM A307
NUTS ASTM A194



ENCLOSURE 2

NRC BULLETIN 87-02, SUPPLEMENT 1
NON-SAFETY RELATED FASTENERS USED AT DCPD UNITS 1 AND 2



ENCLOSURE 2
NON-SAFETY RELATED FASTENERS

VENDOR	FASTENER TYPE	MATERIAL SPECIFICATION
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A & G ENGINEERING COMPANY II INC
4640 E. LA PALMA AVENUE
ANAHEIM CA 92807

BOLTS	A36
BOLTS	ASTM A307 GRADE A
BOLTS	ASTM A307 GRADE B
BOLTS	ASME SA-307 GRADE B
BOLTS	ASTM A307 GRADE A
BOLTS	ASTM A193 GRADE 8
BOLTS	ASTM A193 GRADE B6
BOLTS	ASTM A193 GRADE B8
BOLTS	ASTM A564 GRADE 630
NUTS	ASTM A194 GRADE 6
NUTS	ASTM A194 GRADE 8

ACCURATE AIR ENGINEERING CO.
P.O. BOX 5526
COMPTON CA 90224

NUTS	ORDERED BY PART NUMBER
SCREWS	ORDERED BY PART NUMBER

AIR CONTROL
1840 COUNTY LINE ROAD
HUNTINGTON VALLEY PA 19006

SCREWS	ORDERED BY PART NUMBER
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AIR PACIFIC COMPRESSORS
P.O. BOX 798
LODI CA 95240

NUTS	ORDERED BY PART NUMBER
SCREWS	ORDERED BY PART NUMBER

ALFA-LAVAL INC.
350 DUTCHESS TURNPIKE
POUGHKEEPSIE NY 12602

NUTS	ORDERED BY PART NUMBER
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ENCLOSURE 2
NON-SAFETY RELATED FASTENERS

VENDOR	
FASTENER TYPE	MATERIAL SPECIFICATION

SCREWS	ORDERED BY PART NUMBER
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ALLIED ELECTRIC MOTOR SERVICE, INC.	
4690 EAST JENSEN AVENUE	
FRESNO	CA 93725

NUTS	ORDERED BY PART NUMBER
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ALLIS CHALMERS CORP.	
P.O. BOX M93	
YORK	PA 17405

BOLTS	ORDERED BY PART NUMBER
SCREWS	ORDERED BY PART NUMBER

AMERICAN COMPRESSOR CO.	
12123 EAST CLARK STREET	
SANTA FE SPRINGS	CA 90670

NUTS	ORDERED BY PART NUMBER
SCREWS	ORDERED BY PART NUMBER

AMERICAN MONORAIL OF CALIFORNIA	
10805 S. PAINTER AVENUE	
SANTA FE SPRINGS	CA 90670

NUTS	ORDERED BY PART NUMBER
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AMETEK INC., SCHUTTE & KOERTING DIV.	
2233 STATE ROAD	
BEN SALEM	PA 19020

NUTS	ORDERED BY PART NUMBER
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AMFAC ELECTRIC SUPPLY CO.	
P.O. BOX 730	
SANTA MARIA	CA 93456

BOLTS	ORDERED BY PART NUMBER
NUTS	ORDERED BY PART NUMBER
SCREWS	ORDERED BY PART NUMBER

AMFAC PIPE & SUPPLY CO.	
P.O. BOX 23975, 1260 7TH ST.	
OAKLAND	CA 94623



ENCLOSURE 2
NON-SAFETY RELATED FASTENERS

VENDOR FASTENER TYPE	MATERIAL SPECIFICATION
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NUTS	ORDERED BY PART NUMBER
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ANCHOR/DARLING VALVE CO. P. O. BOX 3428 WILLIAMSPORT	PA 17701
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BOLTS	ASTM A193 GRADE B7
NUTS	ASTM A582 TYPE 416T
NUTS	ASTM A194 GRADE 8M
NUTS	SOME ORDERED BY PART NUMBER

ANDERSON INDUSTRIAL SUPPLY 2336 SKYWAY DRIVE, UNIT 9 SANTA MATIA	CA 93455
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BOLTS	ORDERED BY PART NUMBER
SCREWS	ORDERED BY PART NUMBER

ATWOOD & MORILL CO. INC. 285 CANAL STREET SALEM	MA 01970
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NUTS	ORDERED BY PART NUMBER
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BAILEY CONTROLS CO. C/O CFM-LA INC. 1211 JOHN REED CT. CITY OF INDUSTRY	CA 91745
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NUTS	ORDERED BY PART NUMBER
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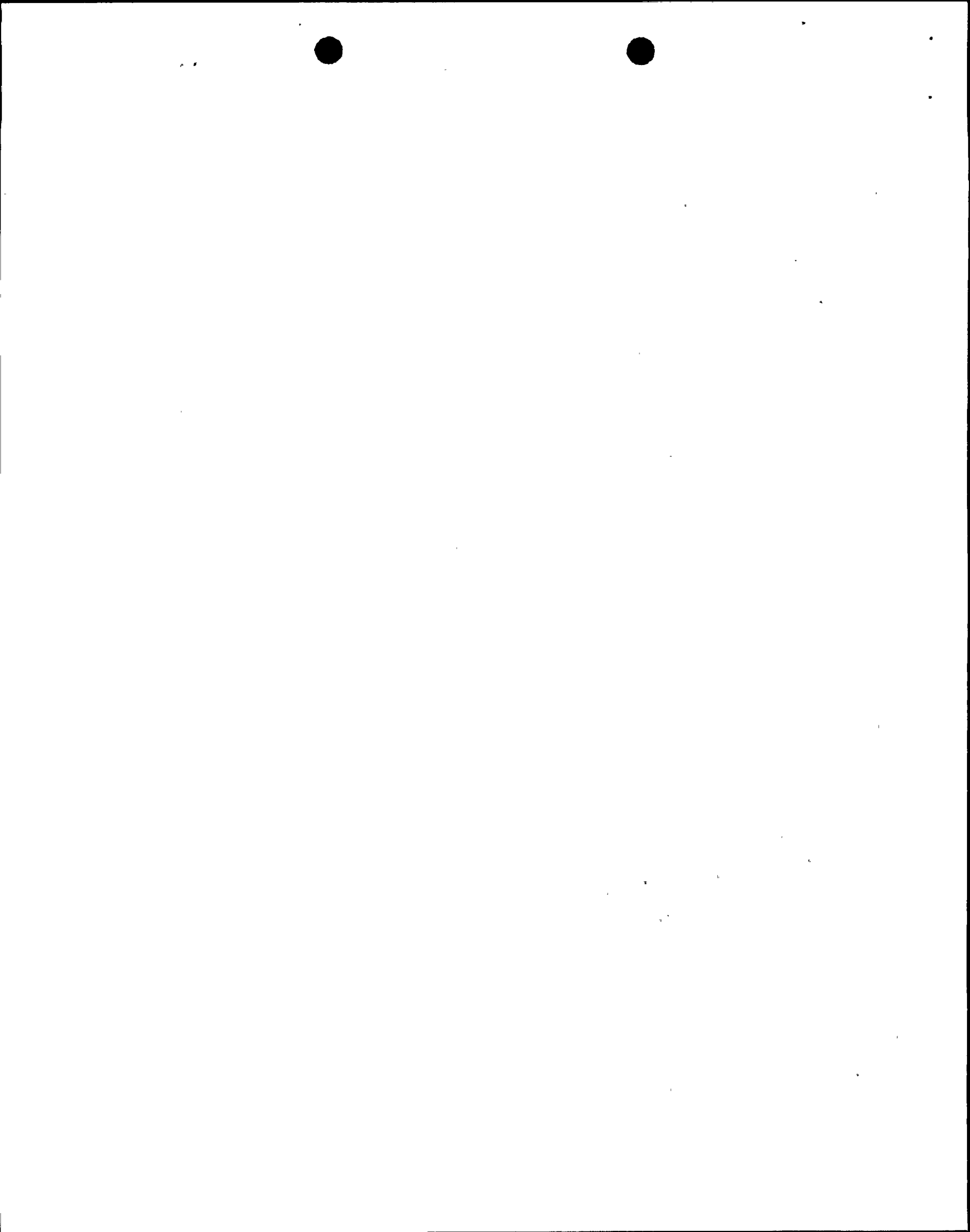
BERKELEY PUMP CO. 5285 MALLARD WAY PORTLAND	OR 97222
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SCREWS	ORDERED BY PART NUMBER
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BINGHAM INTERNATIONAL INC. 2800 N. W. FRONT AVENUE PORTLAND	OR 97210
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NUTS	ORDERED BY PART NUMBER
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BIRNS OCEANOGRAPHIC INC - NUCLEAR LIGHTING DIVISION P.O. BOX 909 OXNARD	CA 93032
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ENCLOSURE 2
NON-SAFETY RELATED FASTENERS

VENDOR FASTENER TYPE	MATERIAL SPECIFICATION
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SCREWS	ORDERED BY PART NUMBER
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BORGES & MAHONEY INC. 100 LINCOLN ROAD EAST VALLEJO	CA 94591
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NUTS	ORDERED BY PART NUMBER
SCREWS	ORDERED BY PART NUMBER

BRILL ELECTRONICS PROD. P. O. BOX 1378 OAKLAND	CA 94604
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SCREWS	ORDERED BY PART NUMBER
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BRYON-JACKSON PUMPS DIV. 100 BUSH ST./SUITE 1910 SAN FRANCISCO	CA 94104
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NUTS	ORDERED BY PART NUMBER
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CALIFORNIA INDUSTRIAL SUPPLY CO 1520 TENNESSEE STREET SAN FRANCISCO	CA 94107
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BOLTS	ORDERED BY PART NUMBER
NUTS	ORDERED BY PART NUMBER

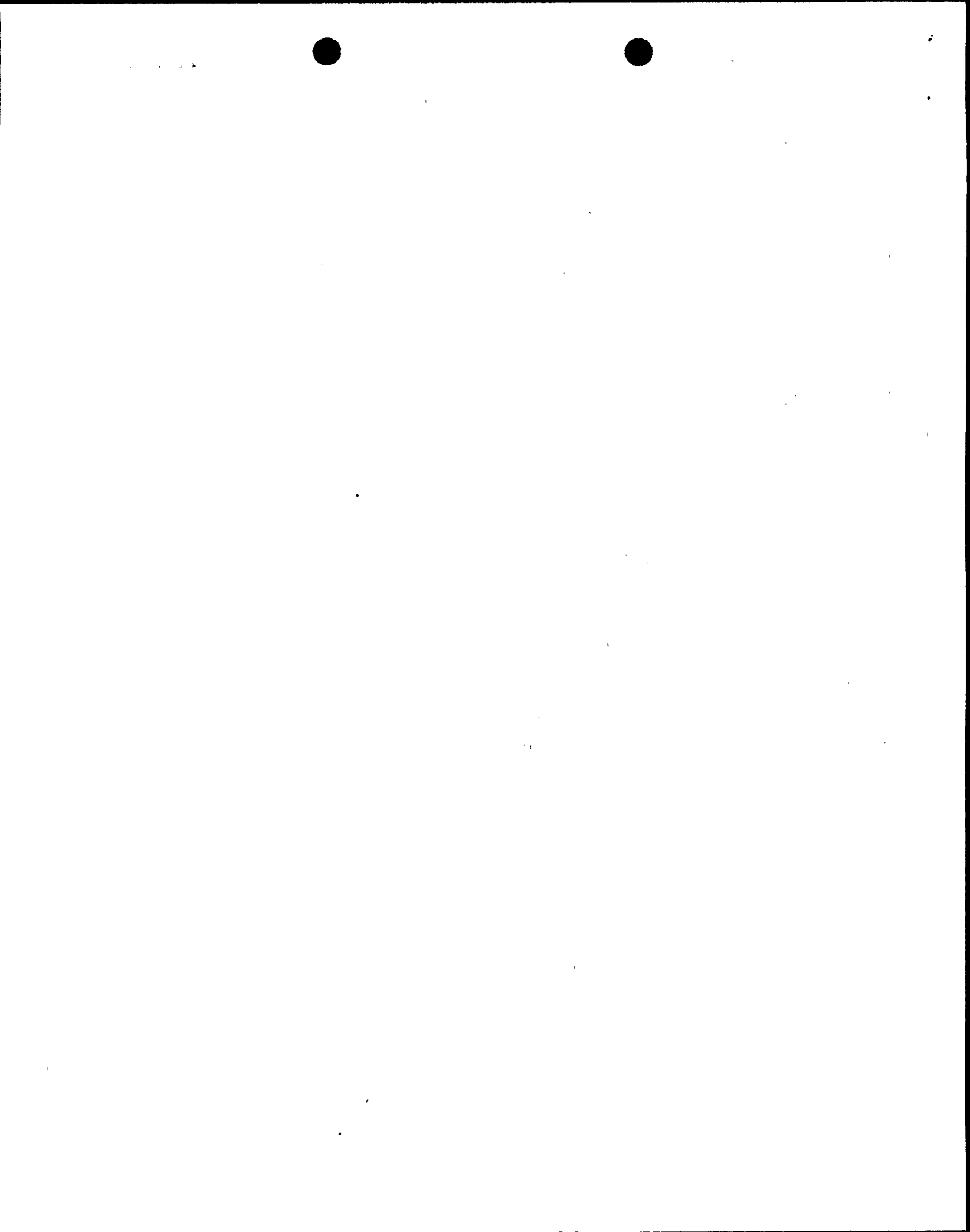
CALIFORNIA SWITCH & SIGNAL 13717 S. NORMANDIE AVENUE GARDENA	CA 90249
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NUTS	ORDERED BY PART NUMBER
SCREWS	ORDERED BY PART NUMBER

CALTROL INC. 3800 FRUITDALE BAKERSFIELD	CA 93308
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SCREWS	ORDERED BY PART NUMBER
STUDS	ORDERED BY PART NUMBER

CHALLENGER ELECTRIC 46725 FREMONT BLVD. FREMONT	CA 94538
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ENCLOSURE 2
NON-SAFETY RELATED FASTENERS

VENDOR FASTENER TYPE	MATERIAL SPECIFICATION
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BOLTS	SAE-GR.5
NUTS	ORDERED BY PART NUMBER
STUDS	ORDERED BY PART NUMBER

CHEMETRON CORP., FIRE SYSTEMS DIV.
1000 GOVERNORS HIGHWAY
UNIVERSITY PARK IL 60466

NUTS	ORDERED BY PART NUMBER
SCREWS	ORDERED BY PART NUMBER

CITY ELECTRIC SUPPLY
701 16TH STREET
SAN FRANCISCO CA 94107

BOLTS	ORDERED BY PART NUMBER
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CLECO PNEUMATIC
7007 PINEMOUNT, P. O. BOX 4043
HOUSTON TX 77040

BOLTS	ORDERED BY PART NUMBER
NUTS	ORDERED BY PART NUMBER
SCREWS	ORDERED BY PART NUMBER

COAST INDUSTRIAL SUPPLY CO
1990 REPUBLIC AVENUE
SAN LEANDRO CA 94577

BOLTS	ORDERED BY PART NUMBER
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COAST WELDING SUPPLIES INC.
916 W. BETTERAVIA RD.
SANTA MARIA CA 93454

BOLTS	ORDERED BY PART NUMBER
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COCHRAN-CRANE
P.O. BOX 191
KING OF PRUSSIA PA 19406

NUTS	ASTM A194 GRADE 2H
STUDS	ASTM A193 GRADE B16



ENCLOSURE 2
NON-SAFETY RELATED FASTENERS

VENDOR FASTENER TYPE	MATERIAL SPECIFICATION
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COLUMBUS MCKINNON CORP. AUDUBEN & SYLVAN PKY. AMHERST	NY 14228
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NUTS	ORDERED BY PART NUMBER
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CONSOLIDATED ELECTRICAL DISTRIBUTORS 2520 VICTORIA ST. SAN LUIS OBISPO	CA 93401
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BOLTS	ORDERED BY PART NUMBER
NUTS	ORDERED BY PART NUMBER
SCREWS	ORDERED BY PART NUMBER

CONTROL SPECIALISTS INC. 3800 FRUITVALE BAKERSFIELD	CA 93308
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NUTS	ORDERED BY PART NUMBER
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CONTROMATICS DIV./LITTON INDS. 222 ROBERTS ST. EAST HARTFORD	CT 06108
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NUTS	ASME SA194 GR.8F
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COPEES-VULCAN INC. P. O. BOX 577 LAKE CITY	PA 16423
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SCREWS	ORDERED BY PART NUMBER
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CORDOVA BOLT INC. 5601 DOLLY AVE. BUENA PARK	CA 90621
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ALL THREAD	ASTM A304 GRADE 4340H
BOLTS	SAE J429 GRADE 2
BOLTS	ASTM A193 GRADE B7
BOLTS	ASTM A449
BOLTS	ASTM A307 GRADE B
BOLTS	SOME ORDERED BY PART NUMBER
BOLTS	SAE J429 GRADE 5
BOLTS	ASTM A582
NUTS	SAE J429 GRADE 5
SCREWS	SAE J429 GRADE 5



ENCLOSURE 2
NON-SAFETY RELATED FASTENERS

VENDOR
FASTENER TYPE MATERIAL SPECIFICATION

CRANE CO./VALVE DIV.
17870 SKYPARK CIRCLE
IRVINE CA 92714

NUTS ORDERED BY PART NUMBER

CRANE SERVICE CORP.
3057 TEAGARDEN STREET
SAN LEANDRO CA 94577

BOLTS ORDERED BY PART NUMBER
BOLTS ORDERED BY PART NUMBER
NUTS ORDERED BY PART NUMBER
SCREWS ORDERED BY PART NUMBER

CRANE VALVE SERVICES
3241 INDUSTRY DRIVE
SIGNAL HILL CA 90806

NUTS ORDERED BY PART NUMBER
SCREWS ORDERED BY PART NUMBER

CRANE-ALOYCO INC.
P.O. BOX 8
ROGERS AR 72757

BOLTS ORDERED BY PART NUMBER
SCREWS ORDERED BY PART NUMBER

CROWN
213 MICHELLE COURT
SO. SAN FRANCISCO CA 94080

BOLTS ORDERED BY PART NUMBER

CUESTA EQUIPMENT CO.
645-A TANK FARM ROAD
SAN LUIS OBISPO CA 93401

BOLTS ORDERED BY PART NUMBER
NUTS CARBON & STAINLESS STEEL



ENCLOSURE 2
NON-SAFETY RELATED FASTENERS

VENDOR
FASTENER TYPE MATERIAL SPECIFICATION

D'VALS SALES COMPANY
10027 SOUTH PIONEER BLVD.
SANTA FE SPRINGS CA 90670

NUTS ORDERED BY PART NUMBER

DATA TRANSLATION
100 LOCKE DRIVE
MARLBORO MA 01752

SCREWS ORDERED BY PART NUMBER

DELTA UNIBUS CORP.
11323 W. FRANKLIN AVE.
FRANKLIN PARK IL 60131

BOLTS ORDERED BY PART NUMBER
NUTS ORDERED BY PART NUMBER

DIACO INC
1045H SHARY COURT
CONCORD CA 94518

BOLTS ORDERED BY PART NUMBER
NUTS SAE J429 GRADE 5
SCREWS ORDERED BY PART NUMBER

DIONEX CORP.
1228 TITAN WAY
SUNNYVALE CA 94088

BOLTS ORDERED BY PART NUMBER

DRESSER IND., VALVE & INSTRUMENT DIV.
P. O. BOX 1430
ALEXANDRIA LA 71303

BOLTS AISI TYPE 410
BOLTS ASTM A193 GRADE B7
BOLTS SOME ORDERED BY PART NUMBER

EBERLINE INSTRUMENTS CORP.
P. O. BOX 2108
SANTA FE NM 87504





ENCLOSURE 2
NON-SAFETY RELATED FASTENERS

VENDOR
FASTENER TYPE MATERIAL SPECIFICATION

GENERAL ELECTRIC CO.
P. O. BOX 3736
SAN FRANCISCO CA 94119

STUDS ORDERED BY PART NUMBER

GESCO
5400 HOLLIS AVENUE
EMERYVILLE CA 94608

BOLTS ORDERED BY PART NUMBER

GIMEL MACHINE WORKS INC.
254 N. WOODBOURNE RD.
LANGHORNE PA 15047

NUTS ORDERED BY PART NUMBER
STUDS ORDERED BY PART NUMBER

GLASER & ASSOCIATES
5635-B SAN DIEGO STREET
EL CERRITO CA 94530

BOLTS SAE J429 GRADE 5
BOLTS ASTM A193 GRADE B8
BOLTS ASTM A193 GRADE B6
NUTS SAE J429 GRADE 5
SCREWS SAE J429 GRADE 2
SCREWS SAE J429 GRADE 5

GOULDS PUMPS INC.
333 BREA CYN. RD., SUITE 107
DIAMOND BAR CA 91765

NUTS ORDERED BY PART NUMBER

HARNISCHFEGGER CORP.
303 HEGENBERGER RD., POB 415
OAKLAND CA 94621

NUTS ORDERED BY PART NUMBER



ENCLOSURE 2
NON-SAFETY RELATED FASTENERS

VENDOR
FASTENER TYPE MATERIAL SPECIFICATION

HILTI CORP.
1515 N. MAPLE
FRESNO CA 93703

BOLTS ORDERED BY PART NUMBER - CONCRETE ANCHOR BOLTS
BOLTS ORDERED BY PART NUMBER - CONCRETE ANCHOR BOLTS

INGERSOLL-RAND, PUMP DIV.
P. O. BOX 22048
LOS ANGELES CA 90022

BOLTS ORDERED BY PART NUMBER
NUTS ORDERED BY PART NUMBER

INGERSOLL-RAND, PUMP PARTS REGIONAL SERVICES OFFICE
P. O. BOX 3565
SCRANTON PA 18505

SCREWS ORDERED BY PART NUMBER

ITT GRINNELL VALVE CO., DIA-FLOW DIV.
P. O. BOX 6164
LANCASTER PA 17603

NUTS ORDERED BY PART NUMBER
SCREWS ORDERED BY PART NUMBER

JOY MANUFACTURING CO.
338 SOUTH BROADWAY, POB 431
NEW PHILADELPHIA OH 44663

NUTS ORDERED BY PART NUMBER

KANER CO.
1850 E 15TH STREET
LOS ANGELES CA 90021

BOLTS ORDERED BY PART NUMBER
NUTS ORDERED BY PART NUMBER
SCREWS ORDERED BY PART NUMBER

KILBOURN ENGINEERING CO.
9226 W. FLAGG AVENUE
MILWAUKEE WI 53225



ENCLOSURE 2
NON-SAFETY RELATED FASTENERS

VENDOR
FASTENER TYPE MATERIAL SPECIFICATION

ALL THREAD ASTM A304 GRADE 4340H

KIMMERLE BROS.
P. O. BOX 151
FRESNO CA 93707

NUTS ORDERED BY PART NUMBER
SCREWS ORDERED BY PART NUMBER

KING BEARING INC
1083 HARKINS RD.
SALINAS CA 93901

NUTS ORDERED BY PART NUMBER

KING NUTRONICS CORP.
6421 INDEPENDENCE AVE
WOODLAND HILLS CA 91367

NUTS ORDERED BY PART NUMBER

LEAVITT MACHINE CO.
P.O. BOX 270
ORANGE MA 01364

SCREWS ORDERED BY PART NUMBER

LIMITORQUE CORP.
367 CIVIC DRIVE, SUITE 9
PLEASANT HILL CA 94523

NUTS ORDERED BY PART NUMBER

LONERGAN, J. E. CO.
10050 SANDMEYER LANE
PHILADELPHIA PA 19116

NUTS ORDERED BY PART NUMBER

LOWE, CHARLES CO.
P. O. BOX 8445
EMERYVILLE CA 94662

BOLTS ORDERED BY PART NUMBER



ENCLOSURE 2
NON-SAFETY RELATED FASTENERS

VENDOR FASTENER TYPE	MATERIAL SPECIFICATION
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MASONEILAN INTERNATIONAL INC., C/O CNTRLD FLDS & MEASUREMENT 1211 JOHN REED COURT CITY OF INDUSTRY	CA 91745
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NUTS	ORDERED BY PART NUMBER
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MASTER DISTRIBUTORS 1301 OLYMPIC BLVD. SANTA MONICA	CA 90404
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NUTS	ORDERED BY PART NUMBER
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MAYDWELL & HARTZELL INC 480 VALLEY DRIVE BRISBANE	CA 94005
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STUDS	ORDERED BY PART NUMBER
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MCCARTHY TANK AND STEEL CO. P.O. BOX 89 SAN LUIS OBISPO	CA 93406
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BOLTS	STAINLESS STEEL
NUTS	CARBON & STAINLESS STEEL
SCREWS	SAE J429 GRADE 5

MCMASTER-CARR CO. P. O. BOX 54960 LOS ANGELES	CA 90054
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NUTS	ORDERED BY PART NUMBER
SCREWS	ORDERED BY PART NUMBER

MODERN METAL MFG. 680 DAVISVILLE ROAD WILLOW GROVE	PA 19090
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NUTS	ORDERED BY PART NUMBER
SCREWS	ORDERED BY PART NUMBER

MOORE PROD. CO. 19682 HESPERIAN BLVD. HAYWARD	CA 94541
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SCREWS	ORDERED BY PART NUMBER
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ENCLOSURE 2
NON-SAFETY RELATED FASTENERS

VENDOR
FASTENER TYPE MATERIAL SPECIFICATION

MOTOROLA INC., PARTS DIV.
1313 E. ALGONQUIN RD.
SCHAUMBURG IL 60196

SCREWS ORDERED BY PART NUMBER

MUSTANG EQUIPMENT CO
2425 KELLA STREET
WHITTIER CA 90601

NUTS ORDERED BY PART NUMBER

NEPTUNE METER CO.
5540 E. HARBOR ST.
LOS ANGELES CA 94000

NUTS ORDERED BY PART NUMBER

NEWARK ELECTRONICS
1155A CHESS DRIVE, SUITE C
FOSTER CITY CA 94404

SCREWS ORDERED BY PART NUMBER

NPS INDUSTRIES INC.
10420 METRIC BLVD.
AUSTIN TX 78758

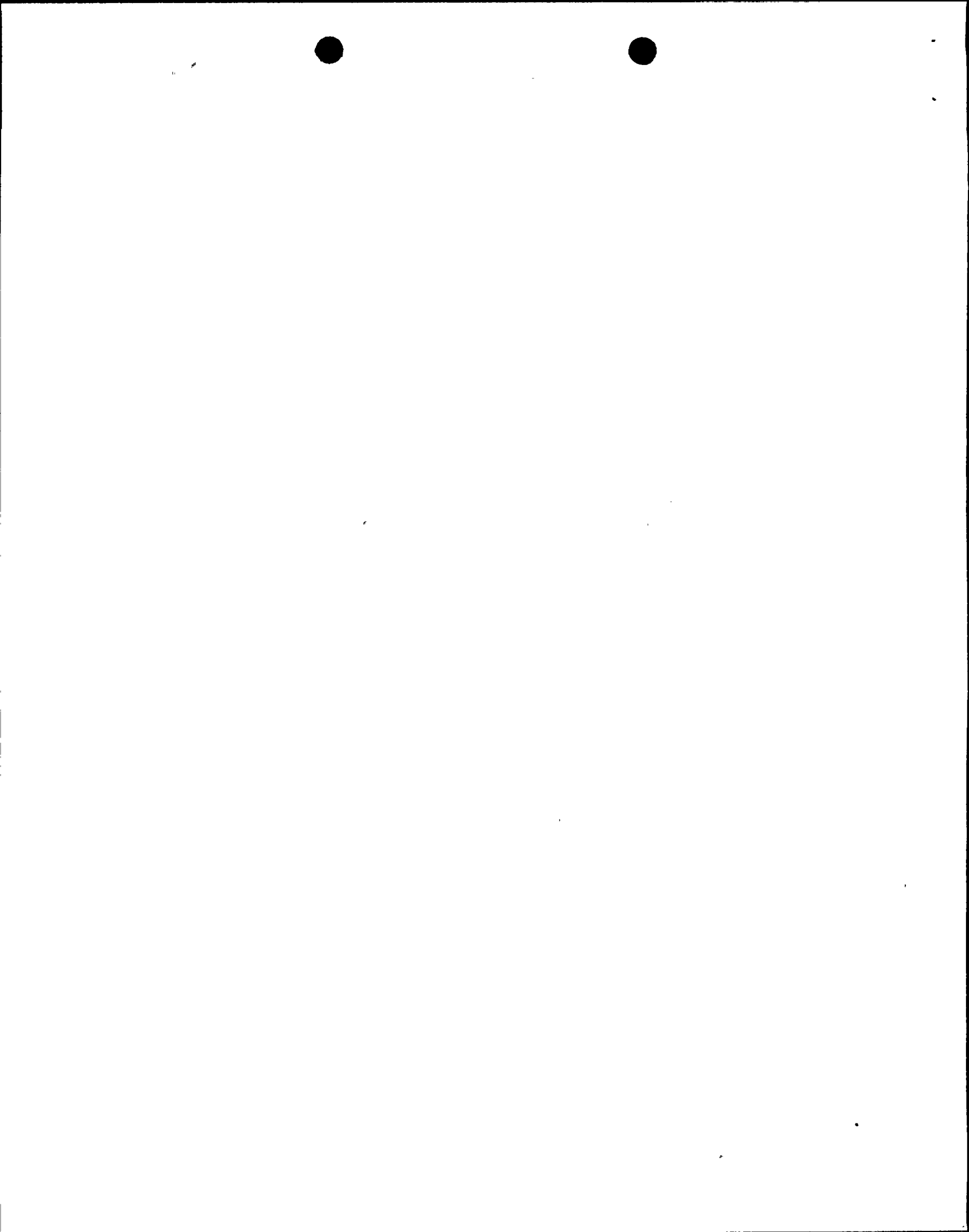
BOLTS ORDERED BY PART NUMBER
NUTS ORDERED BY PART NO.

NUCLEAR CLEANING INCORPORATED-BOLTON EQUIP. CORP. DIVISION
12647 MEMORIAL DRIVE
HOUSTON TX 77024

NUTS ORDERED BY PART NUMBER

PACIFIC PUMPS DIV./DRESSER IND.
5715 BRICKETT ST.
HUNTINGTON PARK CA 90255

NUTS ORDERED BY PART NUMBER



ENCLOSURE 2
NON-SAFETY RELATED FASTENERSVENDOR
FASTENER TYPE MATERIAL SPECIFICATIONPACO CORP.
P. O. BOX 12924
OAKLAND

CA 94604

SCREWS ORDERED BY PART NUMBER

PEABODY ENGG. CORP.
P. O. BOX 1245
GARDENA

CA 90249

SCREWS ORDERED BY PART NUMBER

PEERLESS PUMP
P. O. BOX 1639
LAFAYETTE

CA 94549

NUTS ORDERED BY PART NUMBER
SCREWS ORDERED BY PART NUMBER
STUDS ORDERED BY PART NUMBERPERKIN-ELMER CORP, INSTRUMENT SALES
10 FARADAY
IRVINE

CA 92718

NUTS ORDERED BY PART NUMBER
SCREWS ORDERED BY PART NUMBERPETERSON POWER CENTER
2828 TEAGARTEN STREET
SAN LEANDRO

CA 94577

BOLTS ORDERED BY PART NUMBER
NUTS ORDERED BY PART NUMBERPILLOW, J. H. ASSOCIATES
P.O. BOX 1209
PLEASANTON

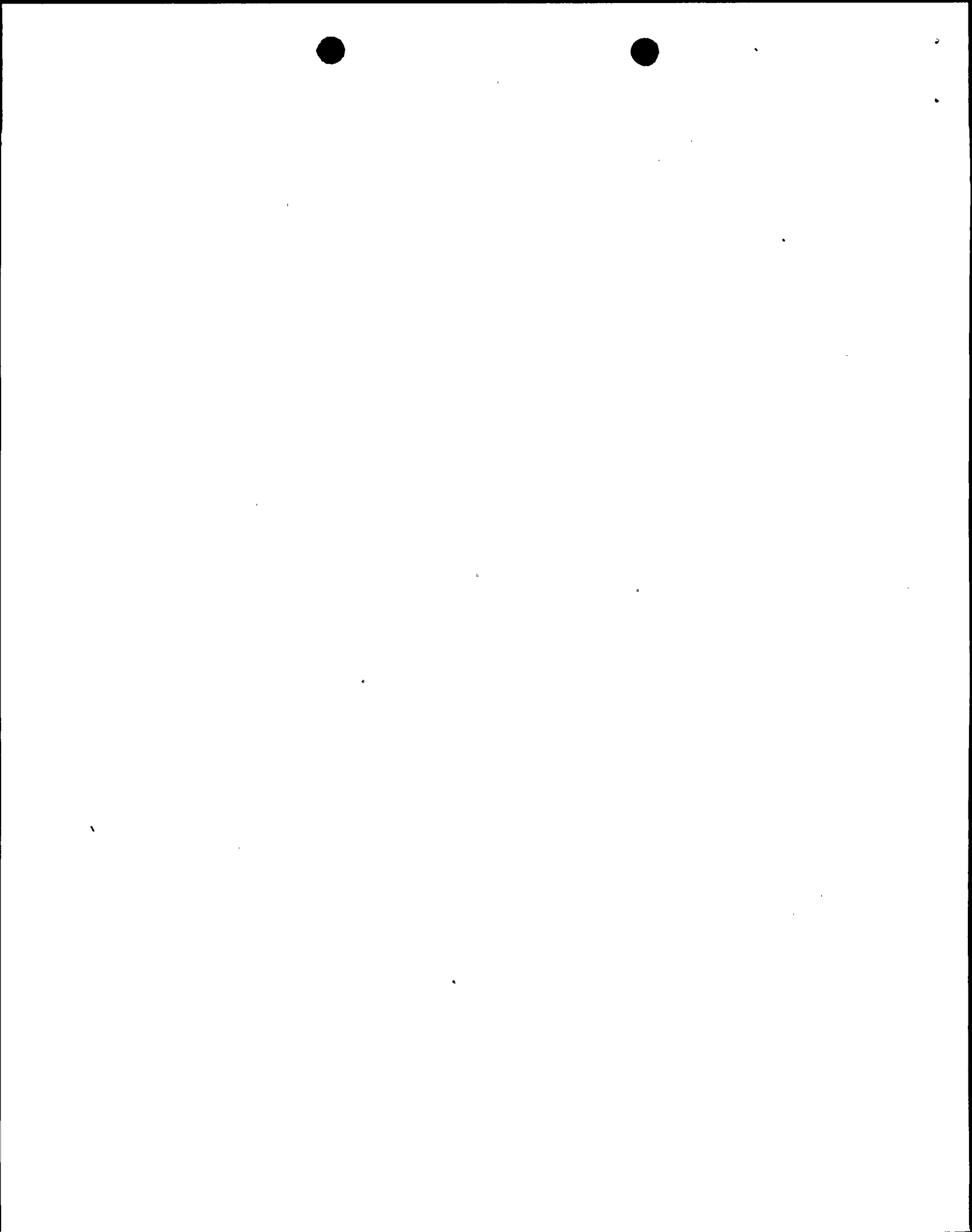
CA 94566

BOLTS ORDERED BY PART NUMBER

PORTER-CABLE
1305 JOHN REED COURT
CITY OF INDUSTRY

CA 91745

SCREWS ORDERED BY PART NUMBER



ENCLOSURE 2
NON-SAFETY RELATED FASTENERS

VENDOR
FASTENER TYPE MATERIAL SPECIFICATION

PRATT, HENRY CO.
401 SOUTH HIGHLAND AVE.
AURORA IL 60507

SCREWS ORDERED BY PART NUMBER

PROCESS AUTOMATION CO.
845 VIA DE LA PAZ, M.S. A205
PACIFIC PALISADES CA 90272

NUTS ORDERED BY PART NUMBER

PUMP REPAIR SERVICE CO. INC.
P. O. BOX 34327
SAN FRANCISCO CA 94134

BOLTS ORDERED BY PART NUMBER

REED AIR PRODUCTS
1310 INDIAN WOOD CIRCLE
MAUMEE OH 43537

NUTS ORDERED BY PART NUMBER

REX CHAINBELT, REXNORD INC.
7700 EDGEWATER DR.
OAKLAND CA 94621

NUTS ORDERED BY PART NUMBER

RLW EQUIPMENT
2080 SOUTH UNION STREET
BAKERSFIELD CA 93307

SCREWS ORDERED BY PART NUMBER

ROTO HAMMER CO. INC.
P. O. BOX 9308
TULSA OK 74157

NUTS ORDERED BY PART NUMBER



ENCLOSURE 2
NON-SAFETY RELATED FASTENERS

VENDOR FASTENER TYPE	MATERIAL SPECIFICATION
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SANTA MARIA OILFIELD SUPPLY 841 WEST MCCOY LANE SANTA MARIA	CA 93455
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BOLTS	ORDERED BY PART NUMBER
NUTS	ORDERED BY PART NUMBER
SCREWS	ORDERED BY PART NUMBER

SARGENT WELCH & CO. P. O. BOX 4030 ANAHEIM	CA 92803
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SCREWS	ORDERED BY PART NUMBER
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SIERRA DETROIT DIESEL - ALLISON 1077 EAST SHORE HIGHWAY BERKELEY	CA 94710
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BOLTS	ORDERED BY PART NUMBER
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SIMPLEX SYSTEM CONTROLS 6602 OWENS DR. PLEASANTON	CA 94566
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STUDS	ORDERED BY PART NUMBER
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SOUTHERN CALIFORNIA INSTRUMENTATION 4031 ALKEN UNIT A-2 BAKERSFIELD	CA 93308
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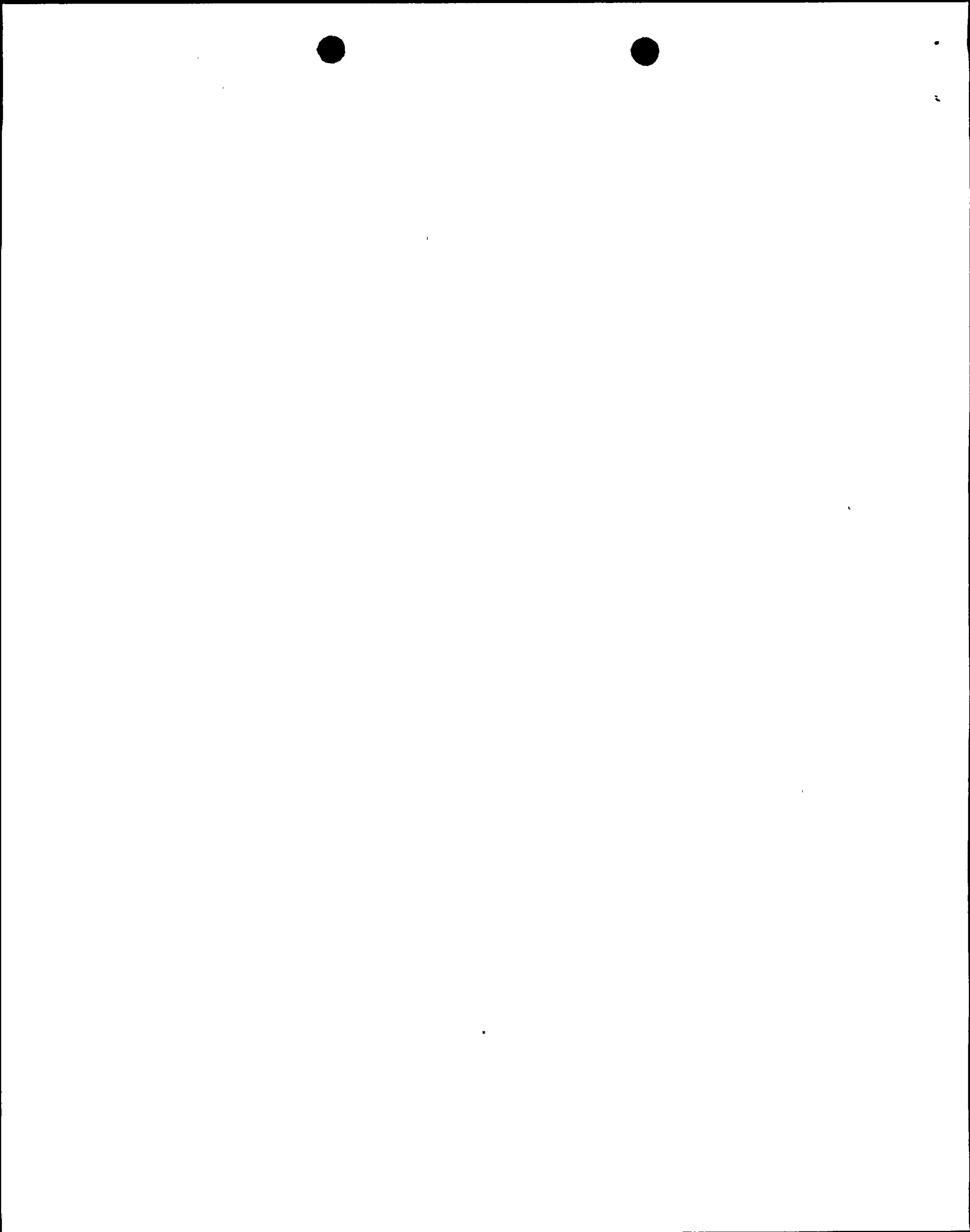
NUTS	ORDERED BY PART NUMBER
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SOUTHWESTERN ENGG. CO. 6111 EAST BANDINI BLVD. LOS ANGELES	CA 90040
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NUTS	ASTM A194 GRADE 2H
STUDS	ASTM A193 GRADE B7

STATE ELEC. SUPPLY 241 10TH ST. OAKLAND	CA 94607
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NUTS	ORDERED BY PART NUMBER
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ENCLOSURE 2
NON-SAFETY RELATED FASTENERS

VENDOR
FASTENER TYPE MATERIAL SPECIFICATION

STEAM SPECIALTIES CO.
300 NEWHALL STREET
SAN FRANCISCO CA 94124

NUTS ORDERED BY PART NUMBER

STOCK EQUIP. CO.
16490 CHILlicothe RD.
CHAGRIN FALLS OH 44022

SCREWS ORDERED BY PART NUMBER

TESCOM CORP.
1400 COLEMAN AVE. STE. D14R
SANTA CLARA CA 95050

NUTS ORDERED BY PART NUMBER

THERMETRICS-MAVERIC
P.O. BOX 4647
ANAHEIM CA 92803

SCREWS ORDERED BY PART NUMBER

TRANE CO.
58 S. LINDEN AVE.
SAN FRANCISCO CA 94080

SCREWS ORDERED BY PART NUMBER

TRIDENT ENGINEERING
P. O. BOX 11232
OAKLAND CA 94611

SCREWS ORDERED BY PART NUMBER

TRW, NELSON DIV.
820 ALADDIN AVE.
SAN LEANDRO CA 94577

STUDS ORDERED BY PART NUMBER



ENCLOSURE 2
NON-SAFETY RELATED FASTENERS

VENDOR
FASTENER TYPE MATERIAL SPECIFICATION

UNISLIP AMERICAS INC
8575 LOUISIANA PLACE
MERRILLVILLE IN 46410

NUTS ORDERED BY PART NUMBER

UNISTRUT CORP
14600 S. MARQUART STREET
SANTA FE SPRINGS CA 90670

BOLTS ORDERED BY PART NUMBER
NUTS ORDERED BY PART NUMBER

VAL SYSTEMS & CONTROL
P.O. BOX 40757
HOUSTON TX 77240

NUTS ORDERED BY PART NUMBER

VALCO
P.O. BOX 55603
HOUSTON TX 77255

NUTS ORDERED BY PART NUMBER

VALIDYNE ENGINEERING CORP
8626 WILBUR AVE.
NORTHRIDGE CA 91324

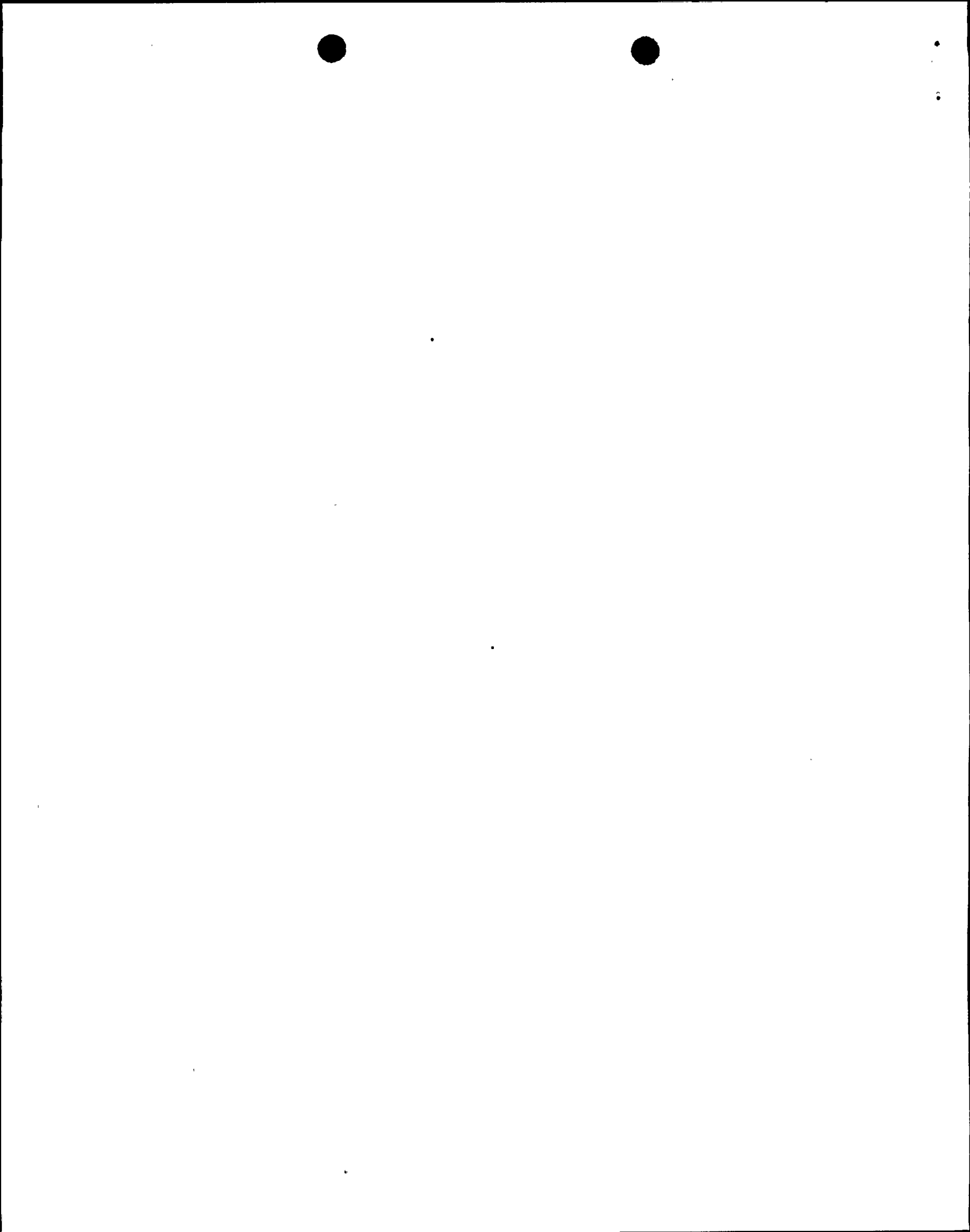
BOLTS ORDERED BY PART NUMBER

VALVE AND STEEL SUPPLY
10632 PAINTER AVENUE
SANTE FE SPRINGS CA 90670

STUDS ORDERED BY PART NUMBER

VOEGTLY & WHITE
462 HESTER STREET
SAN LEANDRO CA 94577

SCREWS ORDERED BY PART NUMBER



ENCLOSURE 2
NON-SAFETY RELATED FASTENERS

VENDOR
FASTENER TYPE MATERIAL SPECIFICATION

VOGT, HENRY MACHINE CO - VALVE & FITTING DIVISION
P.O. BOX 1918
LOUISVILLE KY 40201

NUTS ORDERED BY PART NUMBER

WALDOM ELECTRONICS
4301 W. 69TH STREET
CHICAGO IL 60629

SCREWS ORDERED BY PART NUMBER
STUDS ORDERED BY PART NUMBER

WALLACE & TIERNAN
25 MAIN STREET
BELLEVILLE NJ 07109

NUTS ORDERED BY PART NUMBER

WESCO UTILITY SALES
P.O. BOX 6106
CONCORD CA 94524

NUTS ORDERED BY PART NUMBER
SCREWS ORDERED BY PART NUMBER

WESTINGHOUSE ELEC CORP
P.O. BOX 1268
LAFAYETTE CA 94549

BOLTS ORDERED BY PART NUMBER
NUTS ORDERED BY PART NUMBER
SCREWS ORDERED BY PART NUMBER
STUDS ORDERED BY PART NUMBER

ZACK ELECTRONICS
1444 MARKET STREET
SAN FRANCISCO CA 94102

NUTS ORDERED BY PART NUMBER
SCREWS ORDERED BY PART NUMBER

