

### Recent Supply of Fuji S-Formers for Aluminum Reduction from 1990

| Destination  | No. of Units | DC kA/Unit | Total DC kA | DC V | Total DC kW | Delivery  | Cooling Type of Rectifier | VCR  | P'RY kV    | N.B.      |
|--------------|--------------|------------|-------------|------|-------------|-----------|---------------------------|------|------------|-----------|
| USA          | 2            | 32         | 64          | 600  | 38,400      | 1990      | FAA                       | 40 V | 34.5       |           |
| Canada       | 4            | 105        | 420         | 1250 | 525,000     | 1991      | FWA                       | 50 V | 69         |           |
| New Zealand  | 4            | 50         | 200         | 940  | 188,000     | 1993      | FWA                       | 40 V | 33         |           |
| South Africa | 1            | 60         | 60          | 100  | 6,000       | 1993      | FWA                       | YES  | 33         |           |
| USA          | 1            | 20         | 20          | 890  | 17,800      | 1994      | FA                        | No   | 13.2       | Thyristor |
| New Zealand  | 4            | 66.7       | 266.8       | 500  | 133,400     | 1995      | FWA                       | 50 V | 33         |           |
| New Zealand  | 1            | 50         | 50          | 940  | 47,000      | 1995      | FWA                       | 40 V | 33         |           |
| Australia    | 5            | 86         | 430         | 1200 | 516,000     | 1996      | FWA                       | 40 V | <b>132</b> |           |
| China        | 4            | 68         | 272         | 680  | 184,960     | 1996      | FWA                       | 60 V | <b>110</b> |           |
| China        | 2            | 60         | 120         | 920  | 110,400     | 1997      | FWA                       | No   | 22         | Thyristor |
| USA          | 2            | 42         | 84          | 825  | 69,300      | 1998      | FWA                       | 50 V | 34.5       |           |
| Mozambique   | 5            | 85         | 425         | 1330 | 565,250     | 1999      | FWA                       | 40 V | <b>132</b> |           |
| China        | 2            | 60         | 120         | 920  | 110,400     | 2000      | FWA                       | No   | 22         | Thyristor |
| USA          | 6            | 30         | 180         | 1020 | 183,600     | 2001      | FWA                       | 40 V | 16         |           |
| Australia    | 8            | 82.5       | 660         | 1450 | 957,000     | 2001      | FWA                       | 40 V | <b>132</b> |           |
| Mozambique   | 5            | 85         | 425         | 1330 | 565,250     | 2002      | FWA                       | 40 V | <b>132</b> |           |
| Canada       | 1            | 50         | 50          | 1250 | 62,500      | 2003      | FWA                       | 50 V | 69         |           |
| USA          | 1            | 35         | 35          | 600  | 21,000      | 2003      | FAA                       | 40 V | 34.5       |           |
| Bahrain      | 6            | 72         | 432         | 1580 | 682,560     | Under mfg | FWA                       | 60 V | <b>220</b> |           |
| Iran         | 4            | 68         | 272         | 960  | 261,120     | Under mfg | FWA                       | 60 V | <b>132</b> |           |

VCR : Voltage Control Reactors (Saturable reactors)