

New Motor Control Centers (MCCs), Replacement MCC Buckets and Components

Challenge

Faced with product obsolescence, reliability and general maintenance concerns, utilities must adequately address electrical distribution systems to ensure the continued reliable, safe operation of their plants. Framatome modernization solutions address the reliability of electrical distribution systems in today's nuclear operating fleet.

Solution

Framatome — Prime Nuclear Channel Partner of Eaton

As a prime channel partner of Eaton to the installed base of nuclear power plants, Framatome Electrical Products delivers solutions for safety-related, non-safety related and augmented quality electrical equipment including new Motor Control Centers (MCC), replacement MCC buckets and components. Our long-term agreement with Eaton includes design access translating into the following benefits:

- Engineering support through entire installation, including coordination of protective device components in conjunction with system design analysis
- Engineering equivalencies for future replacement components
- Technical support and replacement parts from a major equipment original equipment manufacturer (OEM) will be available for years to come

Framatome offers solutions to assist in these areas whether customers decide to replace entire line-ups of motor control centers or choose to address just the main components. In the latter case, direct replacement MCC buckets can be provided with all the latest technology made to fit in the original MCCs. Retrofits can be a cost-effective solution to address obsolete components, loose connections, heating concerns, upgrading protective device interrupting ratings, and providing additional load growth.

In all cases, Framatome provides the rigorous engineering, quality, testing, documentation, and project management oversight our nuclear customers expect. Framatome's commitment to nuclear power provides our customers with the project certainty in budget and schedule adherence you need for reliable delivery now.



Customer benefits

- Framatome's nuclear IE-rated world-class commercial grade dedication program, equipment qualification, application engineering and product management
- Manage overall costs
- High-quality products, delivered on time
- Complete documentation
- Expedited deliveries
- Single point of accountability

Your performance
is **our** everyday **commitment**

Product Offerings

Motor Control Centers

- Freedom 2100
- Advantage

Retrofit MCC Bucket Replacement

- Series 2100/5 Star
- Freedom Unitrol
- F10 Unitrol
- Type W
- 9800 Unitrol
- 11-300
- ITE 5600
- GE 7700/8000
- Allen-Bradley Centerline
- Square D Model 6
- Furnas 89

Solutions to Improve Performance

Framatome also gives customers insight on how their electrical distribution system is performing at any given time with innovative solutions for bus and load monitoring. From a complete evaluation of a customer's electrical distribution system to recommending upgrades and technology with design access available, Framatome provides a high level of confidence that plants operate safely and efficiently today and for years to come.

Framatome can tailor a solution to fit your needs, including a full solution of custom products, design verification testing, seismic testing, commercial grade dedication, project management, installation and modification engineering. Framatome delivers integrated engineering solutions to improve your plant's performance.



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