



SUPPORTING THE NUCLEAR INDUSTRY
Yesterday, Today, and Tomorrow



www.fairbanksmorsenuclear.com

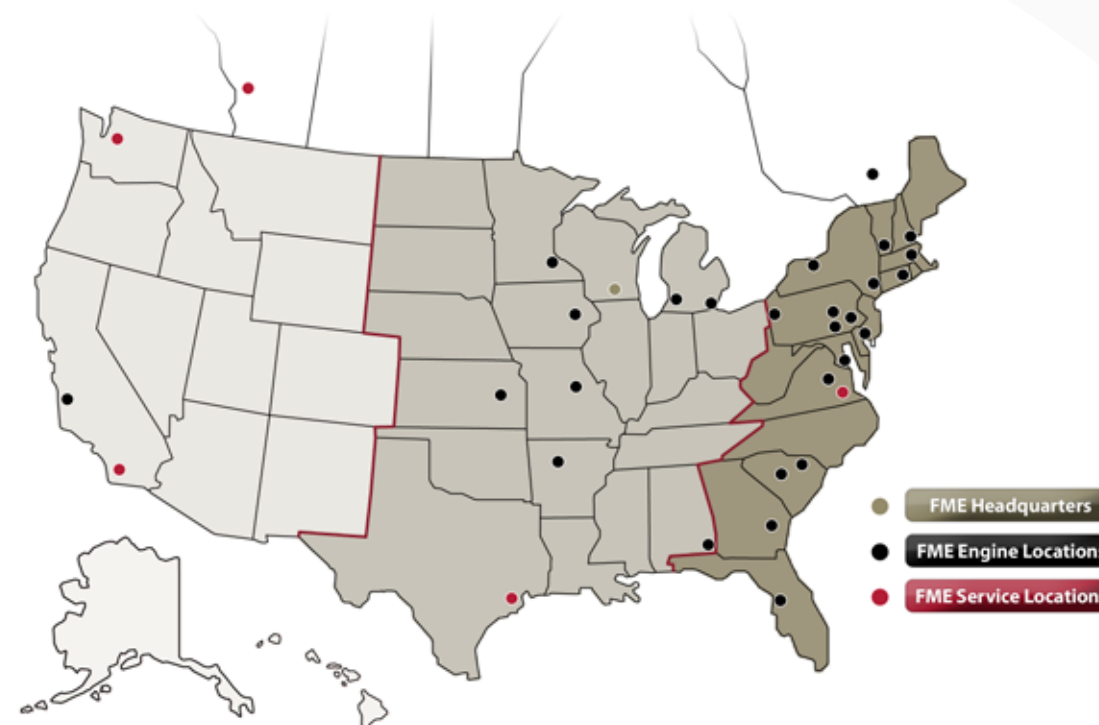
701 White Avenue
Beloit, Wisconsin 53511
U.S.A.



FAIRBANKS MORSE ENGINE
A cornerstone of the nuclear industry

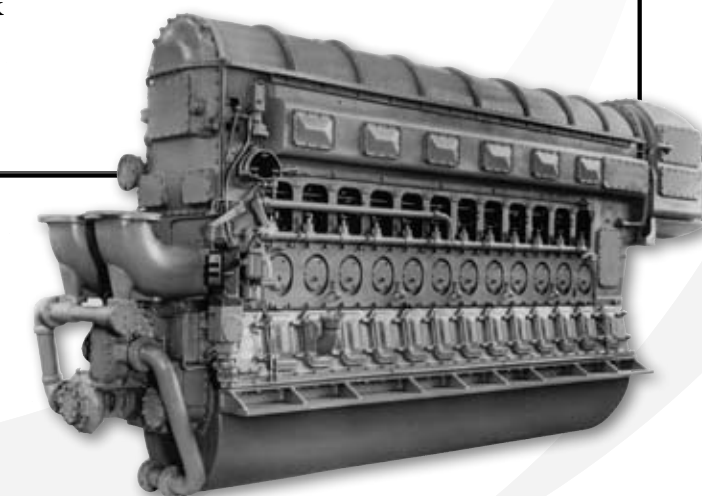


**FAIRBANKS
MORSE
ENGINE**
an EnPro Industries company



FAIRBANKS MORSE ENGINE's role in Nuclear Standby Power dates to the earliest development of commercial nuclear power in the United States. From the time it was introduced in the late 1930s, the Fairbanks Morse OP engine was an integral part of the Navy's program for surface ship and submarine propulsion. By the late 1940s, because of FAIRBANKS MORSE ENGINE's ability to work within the Navy's highly constrained technical design and qualification procedures, Fairbanks Morse had earned the Navy's trust and the OP engine became the preferred choice for standby power for the first generation of nuclear power plants built during the 1960s.

During the 1970s and 1980s, the size of the plants being constructed grew into the 1000MW range and the industry needed a larger engine to handle the increasingly larger safety loads of these giant second generation power plants. The Fairbanks Morse Colt-Pielstick PC2 series of engines was the answer.



Manufactured in the USA
in compliance with:

- ◆ IEEE387
- ◆ IEEE323
- ◆ ASME Section III, Class 3
- ◆ 10CFR50 Appendix B
- ◆ NQA-1



Once again, generator sets from FAIRBANKS MORSE ENGINE will be the answer.

Today, FAIRBANKS MORSE ENGINE remains a cornerstone of the nuclear industry, with over 100 generator sets providing critical standby power in nuclear plants worldwide. Currently, over 60% of owners and operators of nuclear power plants in the United States depend on Fairbanks Morse engines. With the next generation of plants expected to produce electricity for 60 years or more, the industry is looking for a proven engine manufacturer to design, build and test engines to strict U.S. NRC requirements. FAIRBANKS MORSE ENGINE manufactures emergency diesel generator sets in accordance with USNRC Regulatory Guide 1.9, 10 CFR 50 Appendix B, IEEE387-195 and ASME Section III, Class 3, 2004.

Parts, Service, & Dependable Field Support

FAIRBANKS MORSE ENGINE maintains a commercial-grade nuclear dedication program that is audited by the Nuclear Utility Procurement Issues Committee (NUPIC), and satisfies the requirements of 10CFR50 Appendix B and NQA-1. Currently 48 nuclear power plants throughout the Americas take advantage of OEM replacement parts, onsite service support and factory direct engineering services. Our nuclear customers know that FAIRBANKS MORSE ENGINE will be there to meet their needs today and throughout the life of the plant.



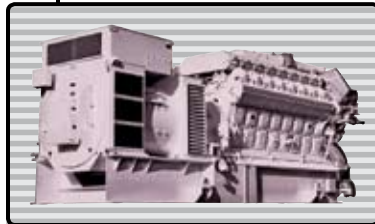
Nuclear Dedication Program Including:

- Onsite service support
- Factory training
- Factory-direct engineering services
- OEM parts



FAIRBANKS MORSE COLT-PIELSTICK PC2 SERIES

Configuration	Vee	Cylinder (nos)	12-14-16-18-20
Bore	400 mm	Output Range (kWe)	5600-14460
Stroke	460/500 mm	Speed (rpm)	514/600



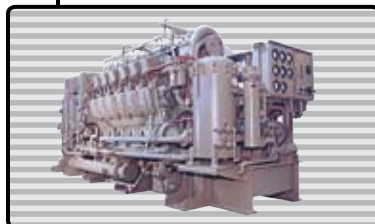
FAIRBANKS MORSE COLT-PIELSTICK PA6B

Configuration	In-line and Vee	Cylinder (nos)	6L-8L-12V-16V-18V-20V
Bore	280 mm	Output Range (kWe)	2025-6750
Stroke	330 mm	Speed (rpm)	900



OPPOSED PISTON 38 8 1/8

Configuration	In-line	Cylinder (nos)	6-9-12
Bore	206 mm	Output Range (kWe)	1506-3013
Stroke	254 mm	Speed (rpm)	900



FM/ALCO 251F

Configuration	In-line and Vee	Cylinder (nos)	6-8-12-16-18
Bore	229 mm	Output Range (kWe)	720-2650
Stroke	267 mm	Speed (rpm)	900-1200

For more information on FAIRBANKS MORSE ENGINE's role in nuclear standby power, visit www.fairbanksmorsenuclear.com

RPM data reflects a generator set operating at 60 Hz. Data and specifications subject to change without notice.

Colt-Pielstick engines are manufactured under license from MAN Diesel.

