

## Ellis & Watts HVAC Components and Systems

### Safety and Non-Safety-Related Applications

Custom solutions to fit your needs with complete flexibility

#### Challenge

Nuclear power plants require safety and non-safety-related HVAC components and systems to ensure safe and reliable operations. They need to address obsolescence with a solution that fits their existing footprint.

#### Solution

Framatome is now providing Ellis & Watts equipment, which offers complete flexibility on units engineered for critical performance in harsh environments.

With more than 60 years of experience in engineering, manufacturing and servicing custom equipment, Ellis & Watts has more than 1,000 units installed in the nuclear fleet. The equipment is designed and manufactured under a robust quality control program, and its performance tested, resulting in the delivery and installation of the quality products you can depend upon.

#### Customer benefits

- Analog, relay-based or digital controls
- Complete customization as needed
- Engineered for critical performance in harsh environments
  - Nuclear safety-related and non-safety environments
  - Hazardous-duty rated systems
  - Shock, vibration and seismic qualified
- Designed and manufactured under a robust quality control program
- Shielded (radiation/EMI/RFI attenuation)
- Field support and service, including installation, commissioning and startup oversight



Framatome has a distribution agreement with Ellis & Watts to provide HVAC components and systems to the nuclear industry. The Framatome Nuclear Products division delivers solutions to enhance safety, increase reliability and lower costs.

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

## Safety and non-safety-related HVAC components and systems offered include:

- Air cleaning units
- Air dryers
- Air filtration units
- Air handlers
- Chiller (chilled water) units
- Condensing units
- Dampers
- Dehumidification units
- Electric heaters
- Fan coils
- Fans/blowers
- Filtration systems
- Gas heater
- Heat exchangers
- Heating/cooling coils
- Humidifiers
- Louvers
- MERV, HEPA, HEGA and CBR
- Motors
- Packaged air conditioning
- Panels/doors/gates
- Radiation shield
- Room coolers
- Systems blast doors/gates
- Ventilation units

## Barrier components and systems include:

- Blast doors/gates
- Panels/doors/gates
- Radiation shield



## You can count on Framatome to deliver innovative solutions to:

- Increase safety and efficiency
- Resolve emergent issues quickly
- Reduce plant operating costs
- Address obsolescence and equipment reliability issues

## Ellis & Watts means mission-critical engineering.

Nuclear-grade safety. Medical-grade quality. Military-grade durability. Founded in 1952, Ellis & Watts Global Industries specializes in engineering and manufacturing safety-related HVAC, heat transfer, ASME Section III, and barrier systems for nuclear power plants. Ellis & Watts participates on multiple ASME nuclear committees to ensure up-to-date code compliance. Ellis & Watts operates under a robust quality program that meets the demanding requirements of ASME NQA-1 and is approved by NUPIC and NIAC. In addition, Ellis & Watts systems are performance tested to ensure safe and reliable operation.

**Ellis & Watts**  
GLOBAL INDUSTRIES, INC.

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