

## 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 is 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.

**Contact:** [integrated-systems@framatome.com](mailto:integrated-systems@framatome.com)  
[www.framatome.com](http://www.framatome.com)

The data and information contained herein are provided solely for illustration and informational purposes and create no legal obligations by Framatome. None of the information or data is intended by Framatome to be a representation or a warranty of any kind, expressed or implied, and Framatome assumes no liability for the use of or reliance on any information or data disclosed in this document. Property of Framatome or its affiliates ©2019 Framatome Inc. All rights reserved.  
PS-US-633-ENG-06-19

**framato**me