

# AREVA Now Offers Ellis & Watts HVAC Components and Systems for Safety and Non-Safety-Related Applications

## Delivering Safe and Reliable Operations

Nuclear power plants require safety and non-safety-related HVAC components and systems to ensure safe and reliable operations. AREVA 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.



AREVA has a distribution agreement with Ellis & Watts to provide HVAC components and systems to the nuclear industry. AREVA's Nuclear Products division delivers solutions that advance safety, reliability and economic viability in alignment with the NEI initiative to Deliver the Nuclear Promise.



## Features and Benefits:

- **Analog, relay-based 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

## 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
- Heating/Cooling Coils
- Humidifiers
- Louvers

- MERV, HEPA, HEGA and CBR
- Motors
- Packaged Air Conditioning
- Panels/Doors/Gates
- Radiation Shield
- Systems Blast Doors/Gates
- Ventilation Units

## Barrier components and systems include:

- Blast Doors/Gates
- Panels/Doors/Gates
- Radiation Shield

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

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

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## 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.

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