Nuvia’s objective is to provide a reliable leading edge technology by reducing RISK and providing long term solutions for nuclear applications

Unparalleled range of vertically integrated solutions

From conception, design, engineering & manufacturing and on-site implementation

Seismic Protection
- Carbon Fiber Wrap
- Structural reinforcement
- Seismic joints and building gaps

Fire Protection
- Fire dampers
- Smoke extraction vents
- Fire penetrations seals
- Hatches and wall penetrations
- Cable tray protection
- Passive fire barriers
- Post Fukushima requirements
- UL listed products

Radiation Protection
- Radiation monitoring
- Nuclear Measurement
- Specific radiological protection
- Detectors, analysers & software

Flood Protection
- Water/Air/Hydrocarbon leak-tight products & installations
- Building & Joint sealing
- Sleeve connections
- Hatches
- Smoke screens

Engineering
- Safety
- Inspections
- Expertise consulting
- Calculations sizing & justification
- Reduce RISK

23/02/2016
Fire dampers VCF2000 models

- Designed and qualified for **40 - 60 years of service**
- Exceptional reliability
- Ceramic bearings operation
- **Maintenance-free** during its operation (NFPA 90)
- **Electric, Remote (24V) & manual operation** up to 400°C
- Fusible fuses links inside and outside installations (74°C)
- Fire rating qualification 3 hour duration UL 555 (350°F)
- Various sizes configurations available in square or rectangular
- Under qualification @ Underwriters Lab to meet UL 555, UL 555S & UL 873 codes
- Assisting with Fukushima venting requirements in BWR’s or original replacement
Passive Fire Barrier Protection 1-3 Hour Rating

MECATISS MTS Systems are UL Certified & installed in six US nuclear stations. Meets NRC 10CFR50.48 and NFPA 805 applications for resolving challenges.

Ventilation system in case of heat dissipation for Ampacity Derating challenges there is no Ampacity Derating concerns. UL Listed and Qualified.
Sealing Technologies (Fire and Flood Seals)

High Density Silicone Elastomer

Top Coating Water
Tight Coating over existing Fire Penetration seals