

3rd JAPAN-U.S. FORUM ON FUKUSHIMA RECOVERY AND DECOMMISSIONING

Tokyo, Japan



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A Berkshire Hathaway Company

Who is RSCC Nuclear Cable?

- ***We are the world's leading supplier of safety-class cables for nuclear facilities, including the largest U.S. DOE facilities, every reactors in North America, and every new Generation III reactor being constructed today.***
- ***RSCC is a Marmon Cable business unit specializing in Nuclear, Oil & Gas, Mining and Transportation cables designed for harsh conditions***
 - ***300 employees, USD \$200 million***
 - ***Nuclear continuously since 1967 (longer than any other)***
- ***Marmon Cable companies consists of 13 specialty companies***
 - ***2,300 employees, USD \$800 million***
- ***The Marmon Group consists 150+ manufacturing companies***
 - ***18,000 employees, USD \$8 billion***
- ***Berkshire Hathaway Inc. is the world's 5th largest company***
 - ***Owned and managed by Mr. Warren Buffet, CEO***
 - ***300,000 employees, USD \$315 billion***
 - ***BNSF, GEICO, Mid American, The Marmon Group, etc.***

What has RSCC Nuclear Cable done?

Tank Waste Treatment Plant (WTP) Hanford, Washington, USA



Currently Supplying

- ***NQA-1 Low & Medium Voltage***
- ***Power, Instrumentation & Control (I&C), Data***

Mixed Oxide (MOX) Plant South Carolina, USA



September 2012 - completed

- ***3,000 Reels, 6 Million Feet***
- ***NQA-1 Low & Medium Voltage***
- ***Power, I&C, Coax, Fiber***

World's First Generation III Reactors

Westinghouse AP-1000

Sanmen & Haiyang, China



Currently Supplying

- ***Specialty Cables***
- ***Fukushima Upgrades***

KEPCO APR-1400

Busan, Korea & Barakah, UAE



Currently Supplying

- ***World's First 60 Year 90°C Class "1E"***
- ***Low & Medium Voltage***
- ***"Replacement Cables" for SK 3&4 (Completed)***

RSCC Nuclear Cable Products

- ***The benchmark for 40 year and 60 year cable qualified in accordance with IEEE standards and meeting IEEE flame propagation requirements.***
- ***Firewall III®*** low voltage (600 V) power, control, instrumentation, and thermocouple
 - *60 year qualified life at 90°C (LOCA)*
 - *40+ year service history in US Nuclear Power plants*
- ***Kerite®*** medium voltage (5 kV – 35 kV) shielded and nonshielded
 - *60 year qualified life at 90°C (LOCA)*
 - *Nuclear Energy Institute, 06-05, “brown EPR (Kerite) is the material of industry preference.”*
- ***Firezone®*** circuit integrity cables
 - *60 year qualified life at 90°C (HELB)*
 - *1 hour and 3 hour Appendix R solution*
- ***Firewall SR®*** high temperature specialty cables
 - *40 year qualified life at 125°C (LOCA)*
 - *Reactor head and pressurizer heater cable designs*

Thank You!

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