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Introduction to our Technology, Deployment & Supply Opportunities

May 2026

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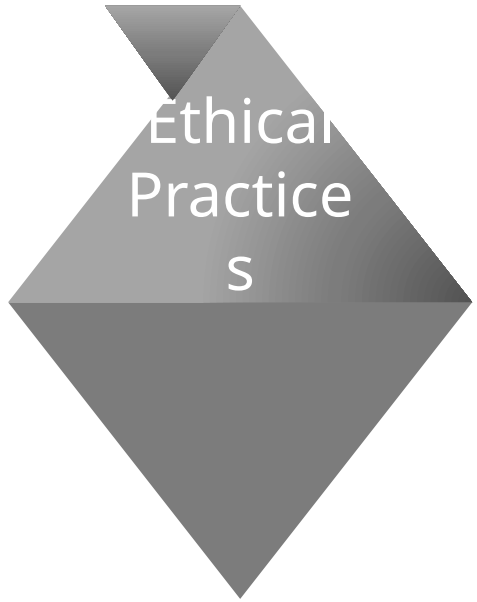
Westinghouse Non-Negotiables for our Suppliers

Focus and Polices around "Zero-Accidents"
Management and personnel dedication to safety first

Dedication to Excellence
Implementation and documentation of the requirements and deviations



Procurement Integrity
Compliance and prompt reporting of violations or potential violations

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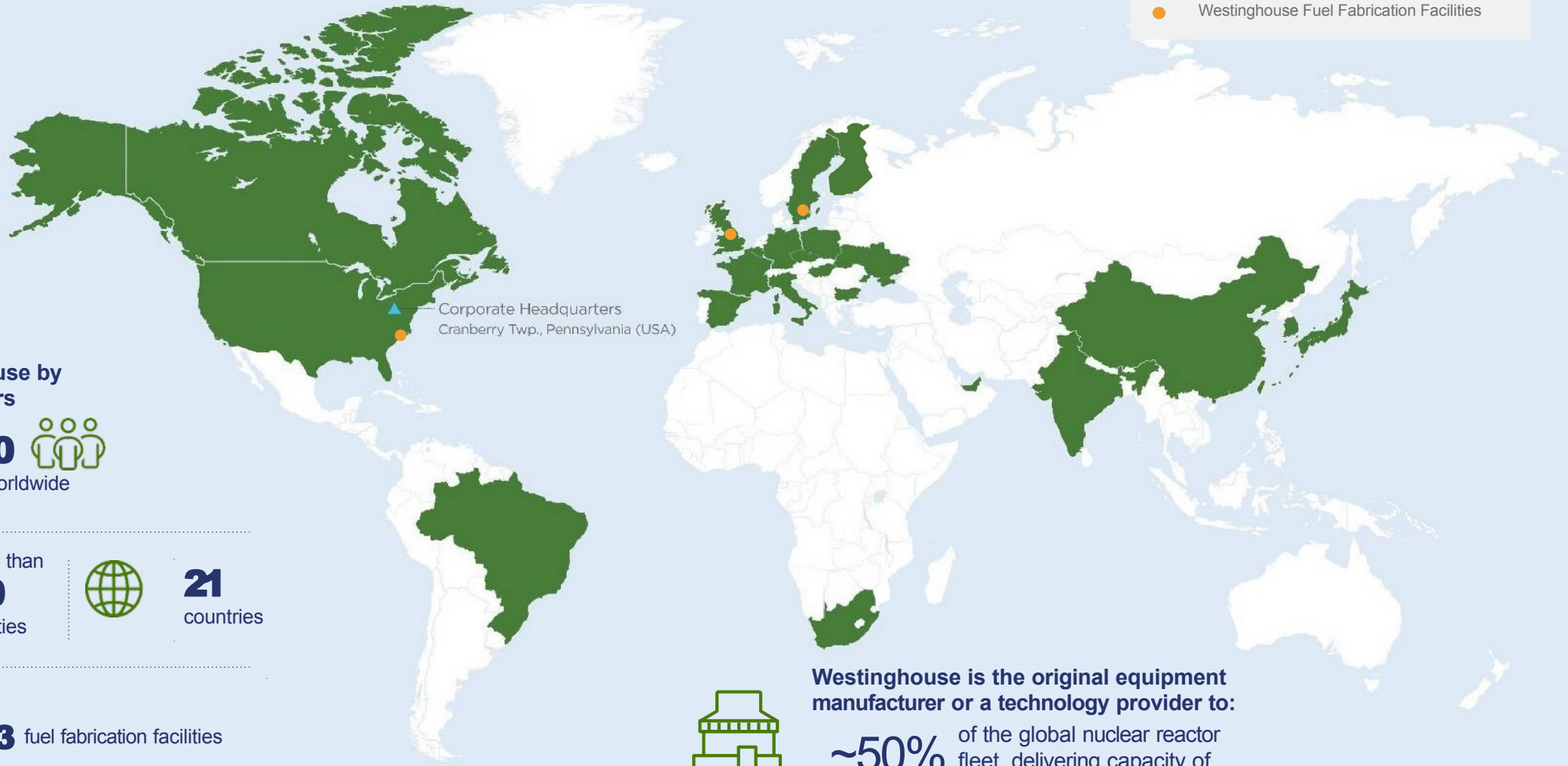
Global Presence



Westinghouse by the Numbers

12,000 employees worldwide

more than **90** facilities

21 countries

3 fuel fabrication facilities

Westinghouse is the original equipment manufacturer or a technology provider to:

~50% of the global nuclear reactor fleet, delivering capacity of ~190,000 carbon-free MWe

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Presence in EMEA

Westinghouse by the Numbers

More Than
4,300
employees in EMEA

more than
40
facilities

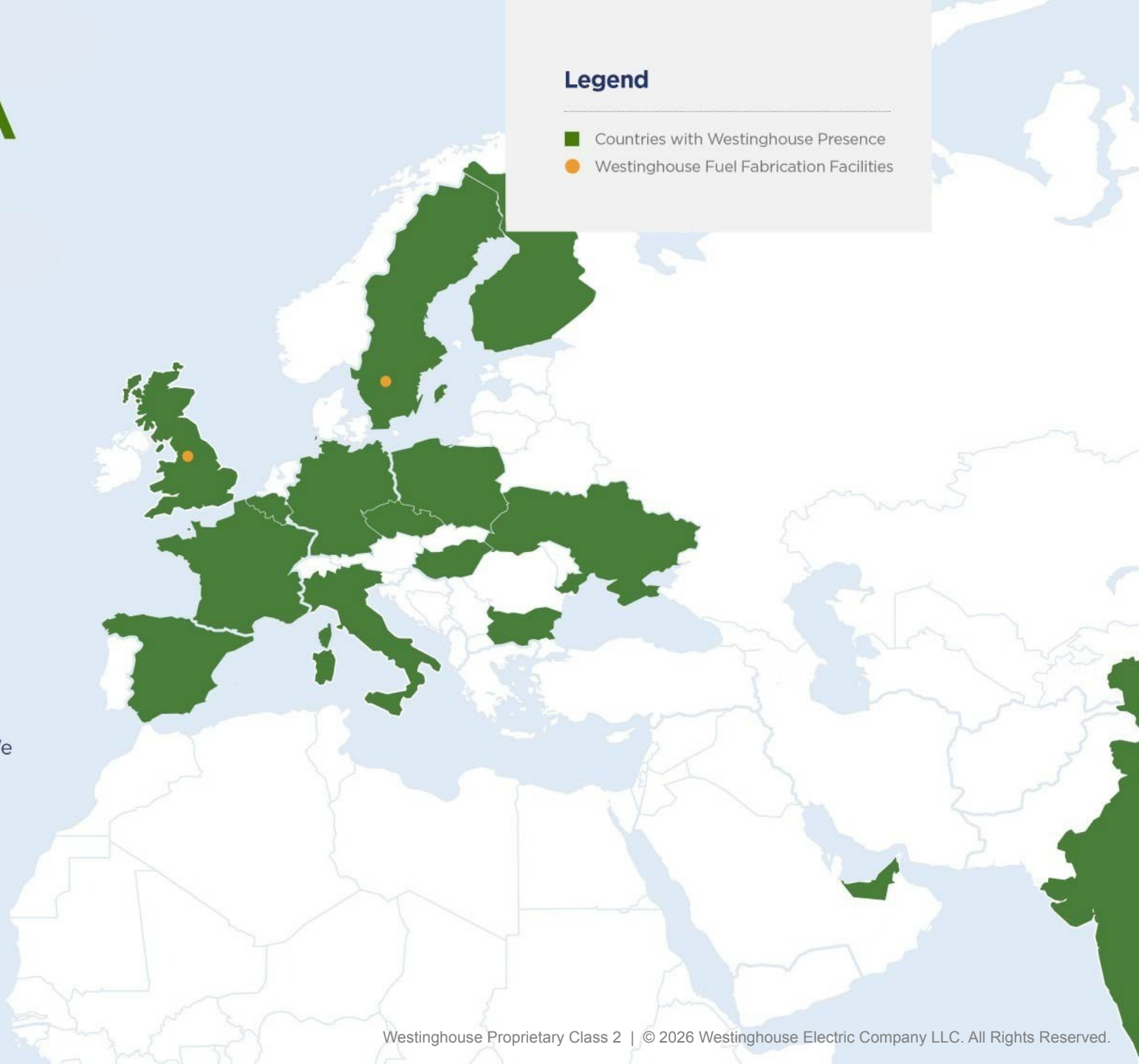
14
countries

2 fuel fabrication facilities

Westinghouse is the original equipment manufacturer or a technology provider to:

~50% of the global nuclear reactor fleet, delivering capacity of ~190,000 carbon-free MWe

Strategic Acquisitions with Impact in Europe	Year
Inspection Consultants Ltd.	2019
Rolls Royce Civil Nuclear	2020
Paul Fabrications	2020
ABB AC160 Technology	2021
Tecnatom	2023



Westinghouse In Europe

Highly Skilled People

4300+

Across the region

Energy Leadership

6+

SNETP, NPHyCO
NuclearEurop, IEA
ITER & IAEA ISOP

European Reactors

~50%

Based on
Westinghouse
Tech

New AP1000 ® builds

14

Poland, Bulgaria,
Ukraine

40

Locations in
Europe

6

R&D centers in
Europe

Westinghouse Innovates in Europe:
Supporting All Phases of the Nuclear Lifecycle & New Builds

Nuclear Fuel

Fuel Manufacturing
UK & Sweden

Fuel Eng. & R&D
Sweden

Partnership with ENUSA
Spain

O&M Services

Welding & Machining
France
Nivelles Service Center
Belgium
BWR Service Center
Sweden
NDE/Probe Labs
Spain, Sweden
Special Services
France, Germany

Engineering

PWR NSSS Engineering
Belgium
BWR Engineering
Sweden
Plant Engineering
Spain

I&C

I&C Eng
Sweden
I&C services
France
Control Room Simulators
Spain

New Reactors

- AP1000 & 300, eVinci™
- Long Term Energy Storage

Project Engineering
Spain, Belgium, Poland
Safety & Component Eng (AP300)
Belgium, Spain
Safety & Risk Analysis
eVinci™
Spain

Manufacturing

Manufacturing Shop Materials lab, materials testing
Italy

Data & Digital

Digital R&D group Spain

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Our Technology

APX New Plants Portfolio

Meeting customers' **flexible power supply** demands by shaping today's and tomorrow's energy landscape

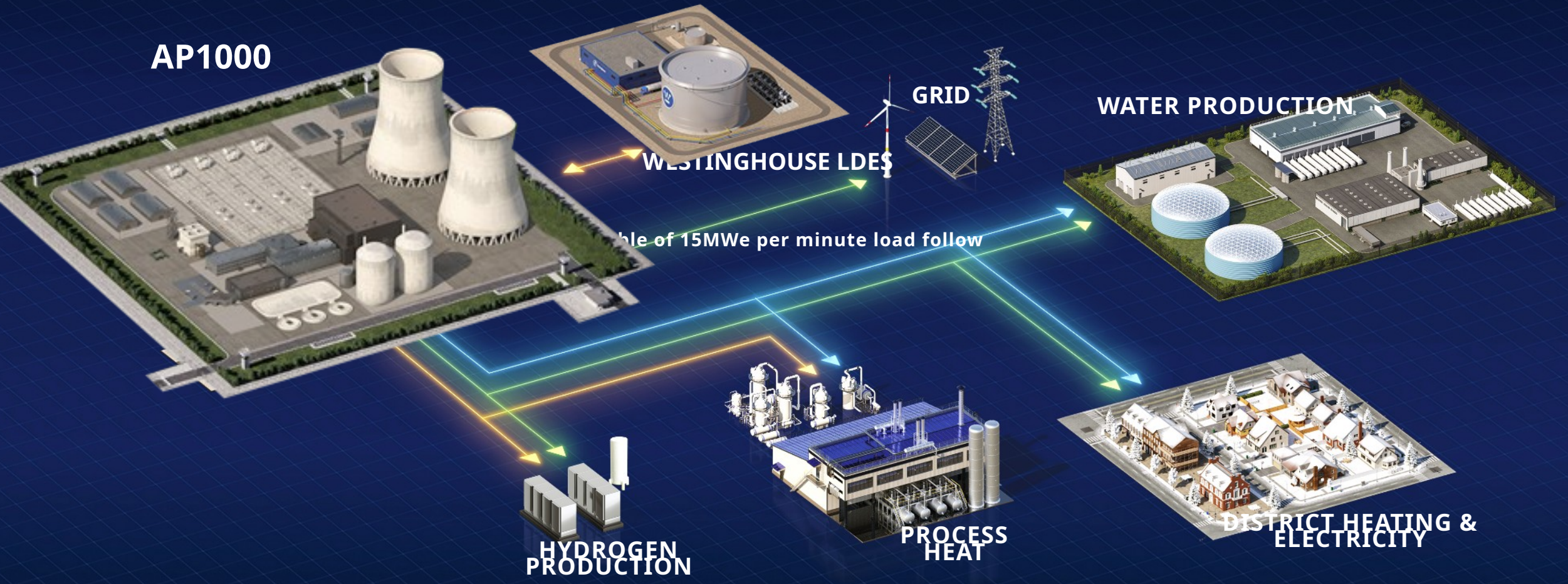
AP1000® PWR
~1,200 MWe

AP300™ SMR
330 MWe

Long Duration Energy Storage
Unlimited MWe for ~10 hours

Versatility of Application

AP1000 is the backbone of a clean energy system



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Plant Vogtle units 3 & 4

Outstanding Operations

- U.S. Vogtle Commercial Operation – Unit 3: July 2023, Unit 4, April 2024
- **First new nuclear** build projects in the U.S. **in more than 30 years**
- Plant Vogtle with 4 reactors is now **the largest generator of clean energy in the USA**
- Vogtle Units 3 and 4 accumulated 16 months of operations with a **98% capacity** since COD
- Units 3 and 4 can **each generate** enough electricity to power **~500,000 homes and businesses**

2026 WANO "EXEMPLARY AWARD" and "1st ever received"

Vogtle 3 & 4 -- highest level of performance and the **first new nuclear plant to ever receive this rating** in its inaugural operating review

*World Nuclear News; Podcast: How are the USA's historic new Vogtle nuclear units doing? : Perspectives - World Nuclear News (world-nuclear-news.org)

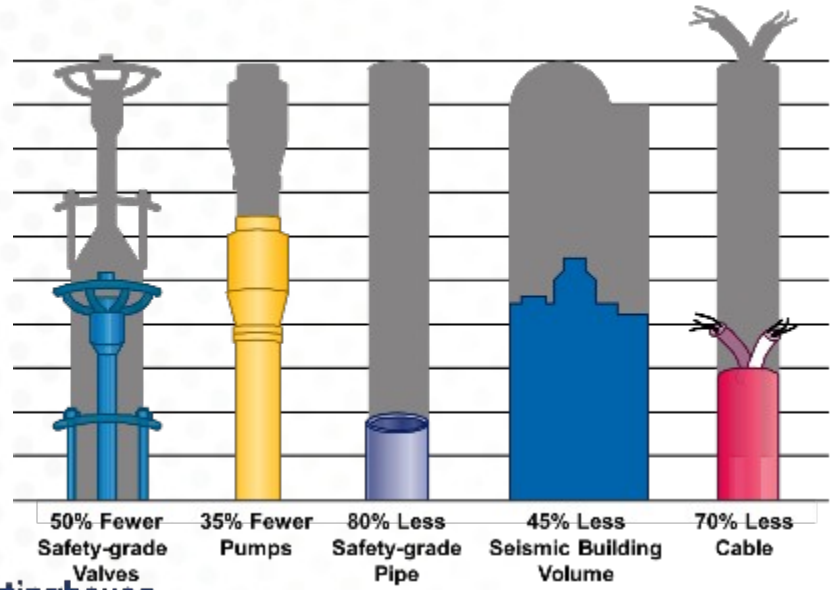
World Association of Nuclear Operators (WANO)

The AP1000® Plant Simplifications Drive

Economics and Construction Schedule

Simplified Plant Design

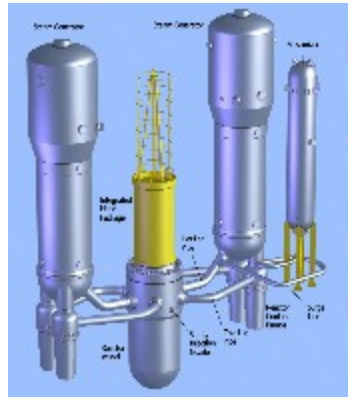
- Easier and less expensive to build, operate and maintain
- Fewer components, cable and seismic building volume, all of which contribute to considerable savings in capital investment, and lower operation and maintenance costs



The Technology

- Improved versions of reactor vessel and internals, steam generator, fuel and pressurizer designs compared those found in currently operating PWRs
- Innovative reactor coolant pumps as used in many other industrial applications where reliability and long life are paramount requirements

AP1000® and AP300™ Plant is Smaller and Dramatically Simpler than Evolutionary Plants



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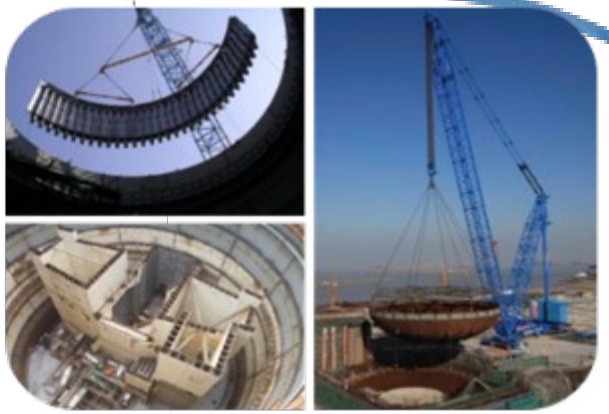
Modular Construction Approach

Shorter construction schedule – Improved quality – Reduced field work

Factory production of modules

Transport Modules

On-site module assembly



Plant Operation

Site Survey and Preparation

Site Construction

Construction and module assembly

Requires pre-engineering and early procurement – More work done in parallel

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AP300 SMR

Only SMR based on deployed, operating & advanced reactor technology

Proven Technology

32 AP1000 reactor-years of safe operations

Based on the fully licensed & operating AP1000 technology.

Advanced Safety

30 years licensing advanced passive technologies with global regulators

We pioneered passive safety systems. AP300 utilizes identical passive safety systems used in the AP1000 reactor to maintain safe shutdown condtion.

Readily Deployable

Approximately **0.4** acres needed for safety related buildings

Ultra-compact, simplified design reduces construction timeframes. Maximizes use of established supply chain.

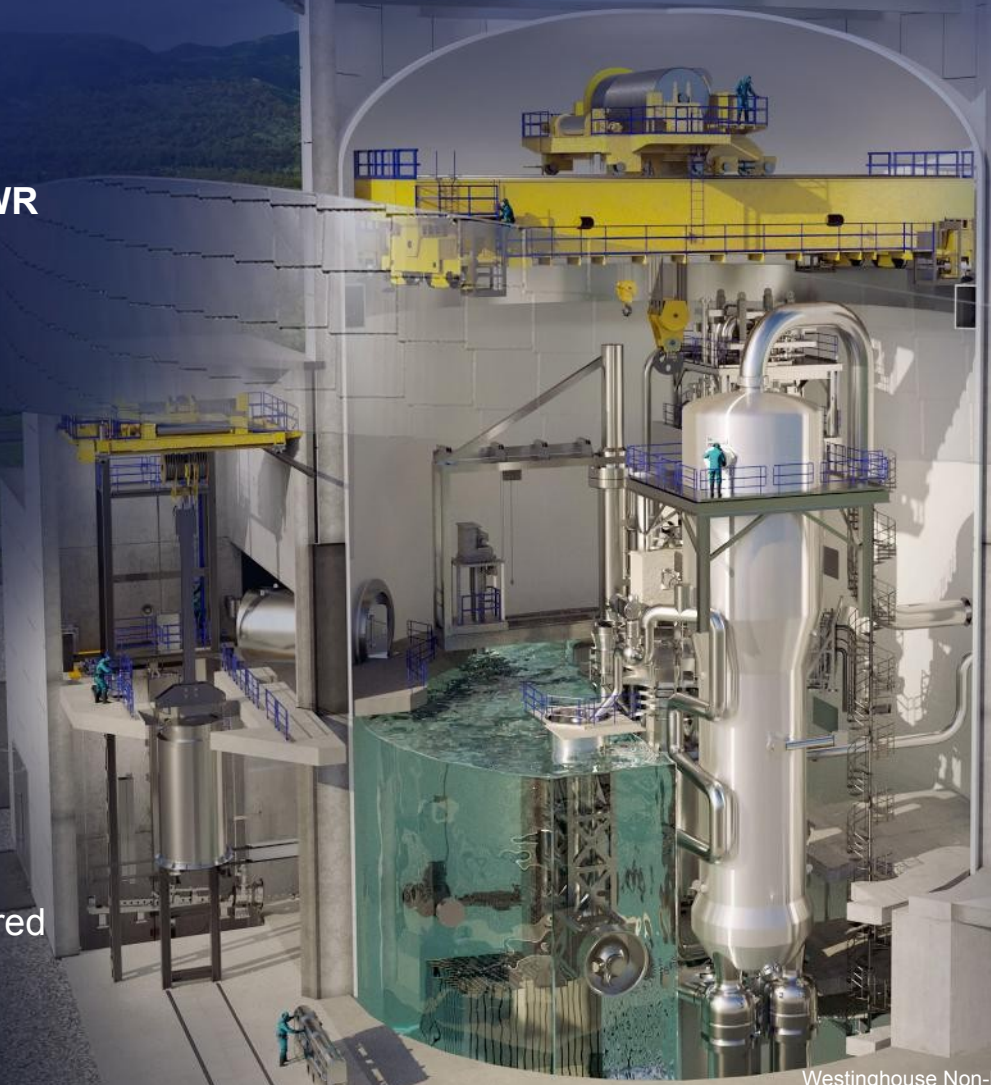
Proven Technology

Leveraging AP1000 technology with demonstrated industry leading reliability

330MWe (990MWth) **1-loop PWR** with demonstrated reliability

Westinghouse AP1000 reactor **passive safety** technology

Reduces overall components creating a **simpler plant** compared to other SMRs



Identical Technology as AP1000 including:

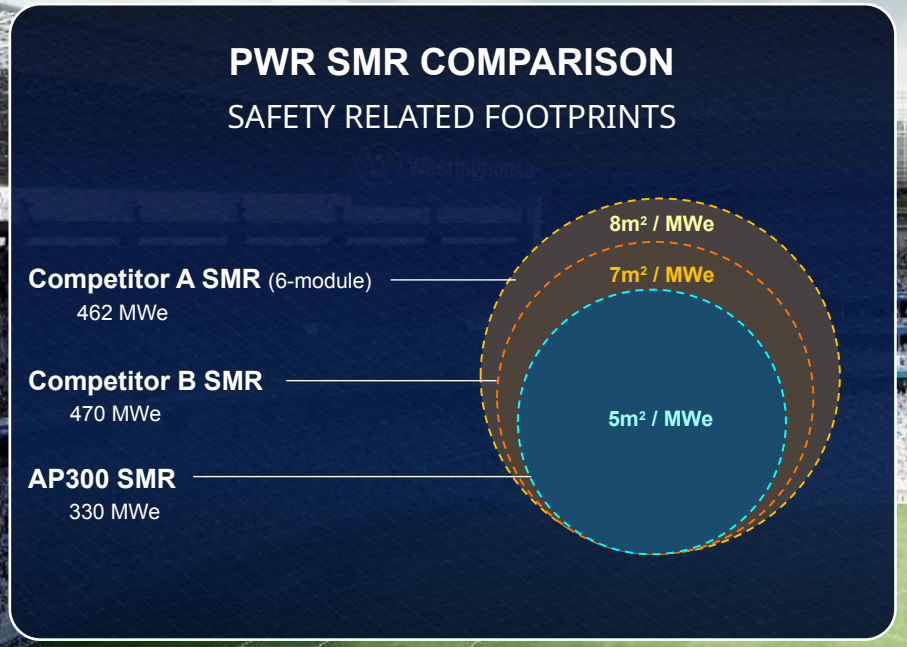
- **Design & licensing methodologies**
- **Major equipment & components**
- **Passive safety systems**
- **Proven Fuel**
- **I&C systems**
- **Proven Supply Chain**
- **Constructability lessons learned**
- **Steel-Composite structural modules**
- **O&M procedures & practices**
- **Fast load follow capabilities**

Ultra Compact Footprint

AP300 SMR's smaller safety related footprint reduces construction, operating & maintenance costs and risks

PWR SMR COMPARISON

SAFETY RELATED FOOTPRINTS



AP1000®/AP300™SMR Plants Deployment

Customer Selection of Westinghouse New Plant Technology

CUSTOMER CHALLENGES

- **Emission-free Energy**
- **Energy Security**
- **Energy Price Stability**
- **Grid Stability**

CUSTOMERS CONTINUE TO SELECT WESTINGHOUSE

AP1000 PWR

- China has **4 AP1000** reactors **in operation** & **14 units under construction**
- Poland contracts for **3 AP1000 reactors**
- Bulgaria contracts for **2 AP1000 reactors**
- **2 operating AP1000s,** 1st new in USA in 30 yrs
- Ukraine agreement for **9 AP1000 reactors**
- India selects **6 AP1000 reactors**

AP300 SMR

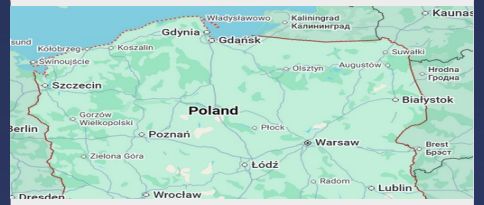
- UK selection, **4 AP300 SMRs** Community Nuclear Power
- **Data4** data center developer MOU to explore **AP300 SMRs across Europe**

Long Duration Energy Storage

- DOE selection, Alaska grid-scale **LDES**, **50 MW & 1.2 GWh**
- VVB MOU to develop **Europe's 1st** grid-scale PTES in Slovakia

Near-term AP1000 Plant Opportunities

Poland

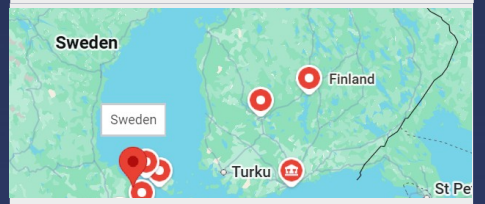


- 3+ units
(final site under evaluation)

Canada

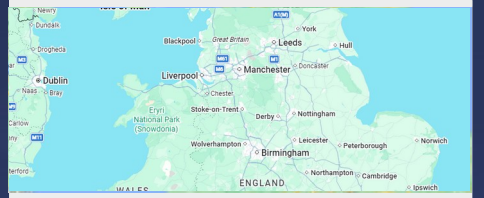
- 4 units at Bruce Power site

Nordics



- 4+ units in Sweden & Finland

United Kingdom

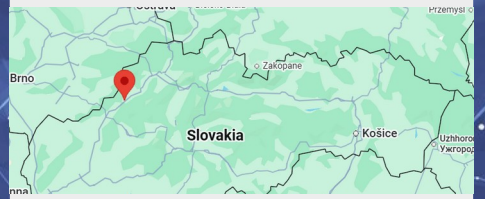


- 2 units in United Kingdom

Slovenia

- 1 unit at Krško site

Slovakia

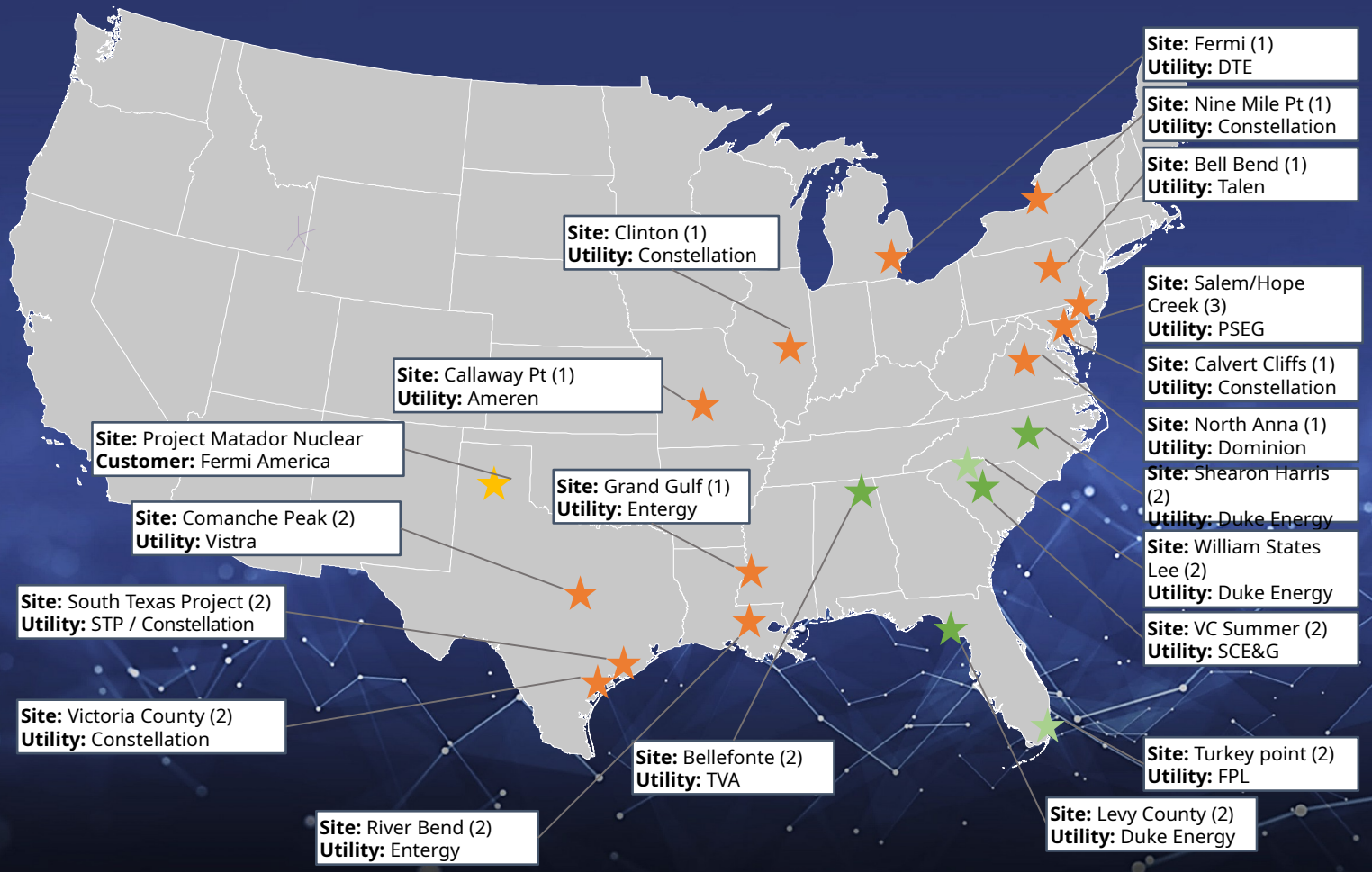


- 1 unit at Bohunice site

Netherlands

- 2+ units

US NRC Reactor Engagements



Site: Fermi (1)
Utility: DTE

Site: Nine Mile Pt (1)
Utility: Constellation

Site: Bell Bend (1)
Utility: Talen

Site: Clinton (1)
Utility: Constellation

Site: Salem/Hope Creek (3)
Utility: PSEG

Site: Callaway Pt (1)
Utility: Ameren

Site: Calvert Cliffs (1)
Utility: Constellation

Site: Project Matador Nuclear
Customer: Fermi America

Site: North Anna (1)
Utility: Dominion

Site: Grand Gulf (1)
Utility: Entergy

Site: Shearon Harris (2)
Utility: Duke Energy

Site: Comanche Peak (2)
Utility: Vistra

Site: William States Lee (2)
Utility: Duke Energy

Site: South Texas Project (2)
Utility: STP / Constellation

Site: VC Summer (2)
Utility: SCE&G

Site: Victoria County (2)
Utility: Constellation

Site: Bellefonte (2)
Utility: TVA

Site: Turkey point (2)
Utility: FPL

Site: River Bend (2)
Utility: Entergy

Site: Levy County (2)
Utility: Duke Energy

COL/ESP Engagements

Status	Site count	Unit count
Active **AP1000** Reactor COL	2	4
Inactive **AP1000** Reactor COL	4	8
COL/ESP for other **PWR or BWR** (active & inactive)	13	19
COL Under Review	1	4

Site: Name (x - # of existing reactors)
Utility: Utility name

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Introduction to Westinghouse Sourcing Process for AP1000®/AP300™SMR Plants

Introduction to Westinghouse Sourcing Process for AP1000®/AP300™ Plants

1 - Scope Definition
Critical requirements, export control, spec globalization needs

2 - Supplier Identification
Evaluate existing supply base and potential new suppliers considering BU potential needs for localization

3 - Preliminary Supplier Assessment
Desktop supplier evaluations, issue and review RFQ's, down select to target suppliers

4 - Technical & Quality Eval.
Detailed evaluation (gap analysis) for development needs

5 - Quality Audits
Supplier audits and onboarding to ASL/QSL

6 - Supplier Development
Address supplier gap analysis, perform qualifications (as-needed), audits finalize oversight plans

7 - Supplier Management
Oversight plan execution and surveillance

8 - Product Delivery
Predictive delivery to support construction needs

AP1000®/AP300™ Plant Supply Base Classification – Geographic Categories

Global Supplier

- Complex equipment with increased quality requirements (SR, ASME and/or EQ) and significant design impact to plant
- Large capital investment to engage in market with significant lead times (>4 yrs) driving limited global supply base
- IP constraints
- Examples include:
  - Steam Generators
  - Reactor Pressure Vessels
  - RCPs
  - RCL Piping

Regional Suppliers

- Complex equipment with increased quality requirements to non-safety or commercial fabrication
- Would require significant supplier development and qualification for some commodities
- Certain commodities would require capital investment to engage in market with significant lead times (>3 yrs)
- Examples include:
  - Structural Modules
  - Shield Building Segments
  - Fuel Handling Equipment
  - Cranes, Valves, Tanks, Pumps, etc.
  - Smaller Mechanical Modules
  - Electrical/I&C Equipment

Local Suppliers

- Typically, Non-safety or commercial fabrication requirements (limited additional qualification needed)
- Lead times allow for schedule float
- Multiple Sourcing Options
- Examples include:
  - Existing global suppliers leveraging local resources
  - Significant Construction Commodities (non-WEC scope)


Squib Valve

Steam Generator


Reactor



Large Structural Modules


Containment Vessel


Non-Safety Valve


Transformers


RCP

Developing a <u>robust Supply Chain</u> to serve all projects across the

AP1000®/AP300™ Plant Procurement Services Delivery Model

WBS to Commodities - Procurement Services Breakdown Structure (WBS 1-5)

WBS	Description	Scope
1	Containment Vessel & Shield Bldg	Containment Vessel is an ASME procurement of plate, support structures, air locks, equipment hatches etc. that will be delivered to the NPP site and assembled at the site by the constructor. Shield Bldg is the procurement and transport to NPP site of modular pieces of the air inlet structure, tension ring panels, shield bldg. roof assembly, shield bldg. panels and transition joints. Assembly of the shield bldg. is at the site by the constructor.
2	Structural Modules	Procurement and transport to NPP site of truckable modular assemblies for CA01, CA02, CA03, CA05 and CA20. Assembly of the modules is at the site by the constructor.
3	Mechanical Modules & Q Modules	Procurement and transport to NPP site of Q-modules which have ASME procurement requirements as well as various non-safety modules.
4	NSSS Major Components 1 - Tanks & Heat Exchangers	Procurement and transport to NPP site of ASME NSSS major components such as Steam Generators, Reactor Vessel and other equipment including associated lifting/rigging/transportation equipment and ancillary supporting equipment.
5	NSSS Major Components 2 - Other	Procurement and transport to NPP site of ASME NSSS major components such as RCP, RVI, CRDM and Reactor Loop Piping including associated lifting/rigging/transportation equipment and ancillary supporting equipment.

AP1000®/AP300™ Plant Procurement Services Delivery Model

WBS to Commodities - Procurement Services Breakdown Structure (WBS 6-12)

WBS	Description	Scope
6	Cranes & FHME	Procurement and transport to NPP site of various cranes and fuel handling equipment
7	Auxiliary Equipment	Procurement and transport to NPP site of various auxiliary equipment to differing procurement classes (ASME, SR, non-SR) such as heat exchangers, pumps, tanks, etc.
8	Valves	Procurement and transport to NPP site of >7,000 valves of various type and procurement class (ASME, SR, non-SR)
9	Electrical	Procurement and transport to NPP site of various electrical to differing procurement classes (Class 1E and non-Class 1E) equipment such as batteries, MCC's, transformers, electrical penetrations, etc.
10	Instrumentation & Controls (I&C)	Procurement and transport to GICP of various I&C equipment to support the assembly, testing and shipment to the NPP site.
11	Turbine Island Major Equipment	Procurement and transport to NPP site of Turbine Generator Set, Condenser, Feedwater Pumps, Heaters, etc.
12	Spare Parts	Supporting the development of AP1000 spare parts program including commissioning , start-up and operational spares

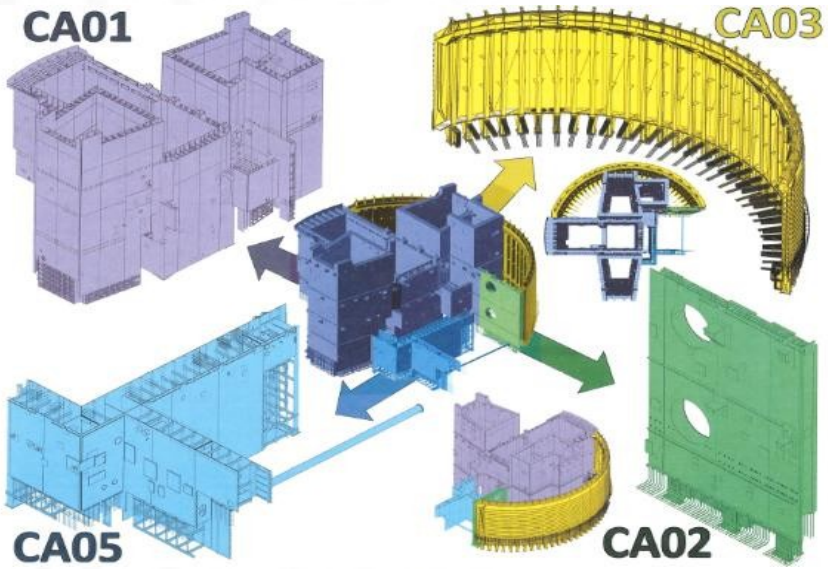
WBS 1 - Containment Vessel & Shield Bldg

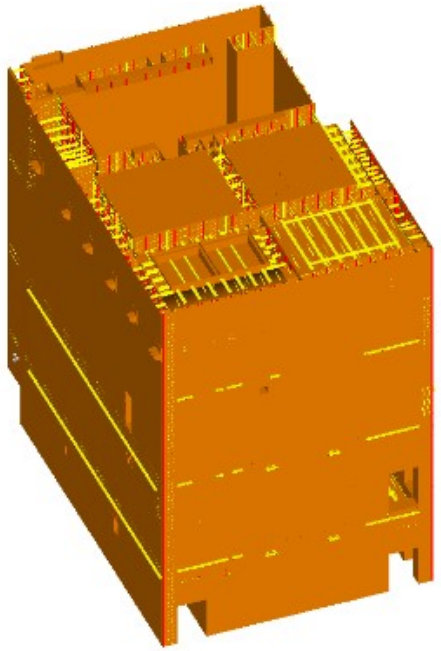
- Containment Vessel (MV50)

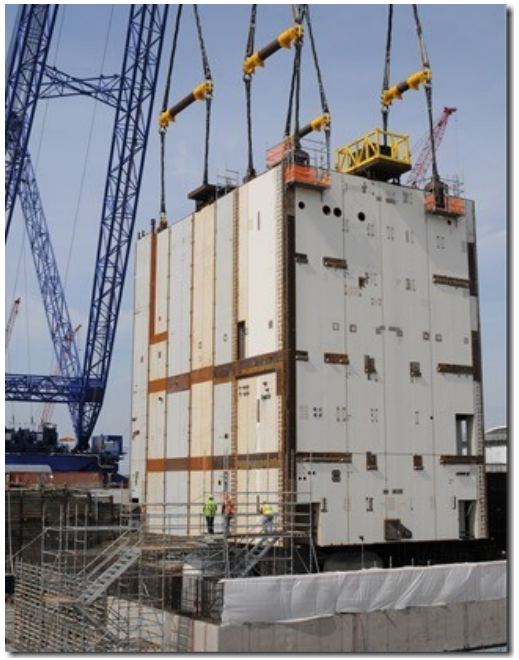
Overall Height:	**215'-4" (65.6 m)**
Inside Diameter:	130'-0" (39.6 m)
Thickness	Heads: 1 5/8" (41.3 mm) Rings: 1 3/4" (44.5 mm) First Course: 1 7/8" (47.6 mm)
Head geometry:	Ellipsoid
Material:	SA738 Grade B
Design Code:	ASME Section III Division 1, Subsection NE, Class MC 2001 Edition with 2002 Addenda
Features:	1. Mechanical (piping) Penetrations (39) 2. Electrical Penetrations (29) 3. Airlocks (2) 4. Equipment Hatches (2) 5. Stub Columns (16) 6. Stiffeners (2) 7. Fuel Transfer Tube <u>Not Shown:</u> Girder for Polar Crane Shear Studs (~5520) Weir System U-Support Brackets (582) Attachment Plates for piping/equipment

WBS 2 – Structural module (CA01,CA02, CA03, CA05, CA20*)

Containment Building







CA01 Steam Generator & Refueling Canal Composition:

- Submodules: 47
  - Largest plate width 10.5ft (3.2m)
- Size: 92’ x 96’ x 76’ Height
- ASTM Duplex Stainless Steel and Carbon Steel
- Dry Weight: 2,357,000 lbs. (1,069 MT)

CA20 Auxiliary Bldg Area 5 & 6 Composition:

- Submodules: 72
  - Largest submodule 3.6 m x 3.10m x 21 m at 47.5MT(104,720 lbs)
- Size: 67’ x 46’ x 69’
- Dry Weight: 1,996,000 lbs. (905 MT)
- ASTM Duplex SST & Carbon steel

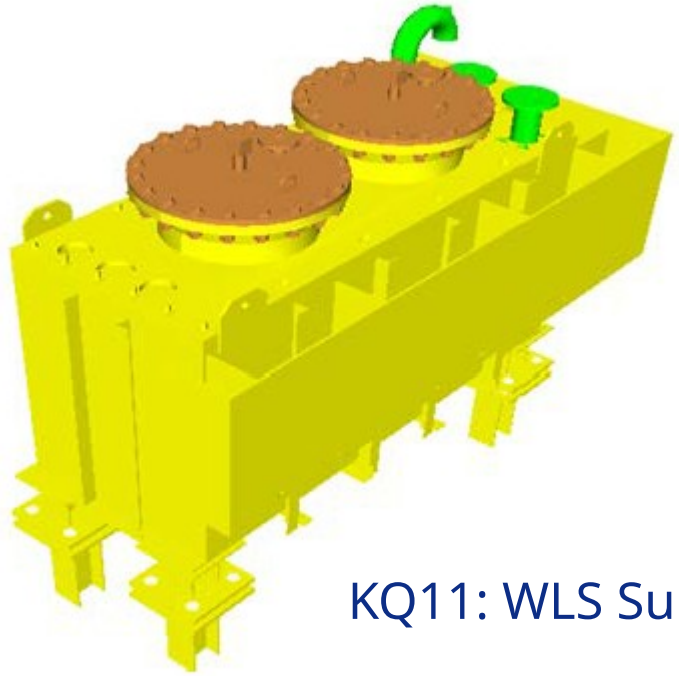
WBS 3 – Mechanical Module/Room Module

Module Types & Locations – Nuclear Island

- Equipment
  - KQ,KU-Inside Containment
  - KB,KU-Auxiliary Building
- Piping
  - Q-Inside Containment
  - R-Auxiliary Building

- 12 inside containment
  - (6 piping , 6 equipment)
- 40 In Auxiliary Building
  - (14 piping / Composite, 26 equipment)

- Only 7 out of 52 are ASME Section III



KQ11: WLS Sump Pump

Size (L x W x Height):
9'-2"x 4'-6" x 4'-1"

Lift Weight:
8,437 lbs.

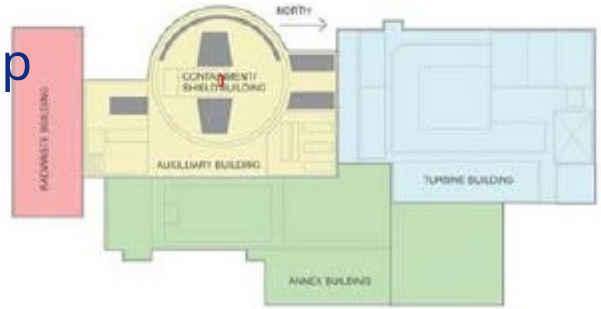
Room (Area):
11104 (1110)

Plant Elevation:
71'-6"

Classification:
D

Non-Safety

Non-Seismic

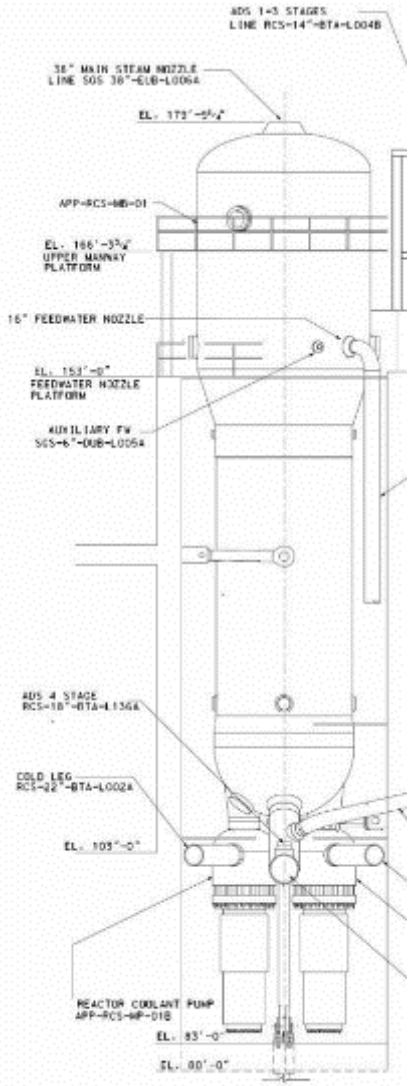


WBS 4 – NSSS Major Components 1 - Tanks & Heat Exchangers

Major components such as Steam Generators, Reactor Vessel, Passive Residual Heat Exchanger, Core Makeup Tank, Accumulator Tank and Pressurizer and other equipment including associated lifting/rigging/transportation.

- MB01 – Steam Generator

https://www.georgiapower.com/company/plant-vogtle/vogtle-news/2018-articles/unit4-steam-generator-placed.html



https://www.nrc.gov/docs/ML0715/ML071580904.pdf

Size (L x W x Height):
79'- 5" x 21'-0" dia.

[24.20m x 6.40m dia.]

Weight :
1,376,170 lbs **[624 MTon]**

Build to Print Design

ASME Section III

Safety Class A

Seismic Class 1

WBS 5 – NSSS Major Components 2 - Other

Procurement and transport to NPP site of ASME NSSS major components such as RCP, RVI, CRDM and Reactor Loop Piping

- MP01 – Reactor Coolant Pumps

  Size (L x W x Height):
  6’-9” x 6’-9” x 19’-3”

  [2.06x 2.06m x 5.87m]

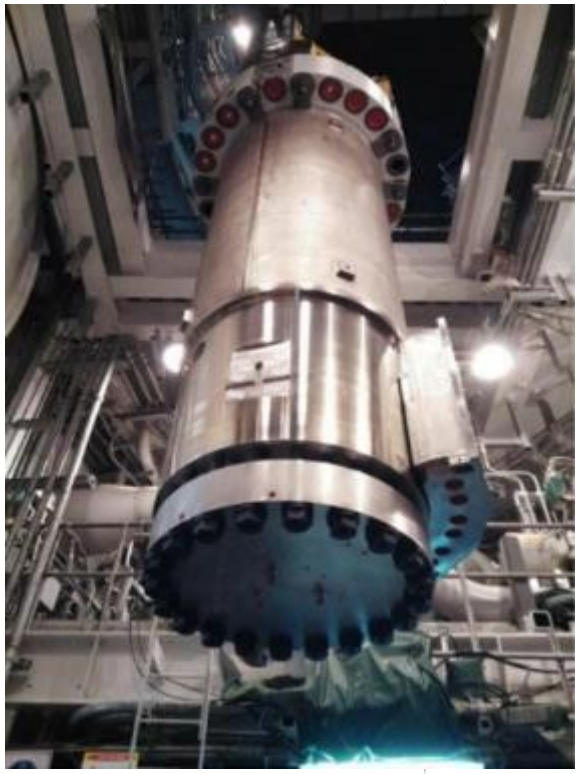
  Weight :
  202,050 lbs. **[~92,000 kg]**

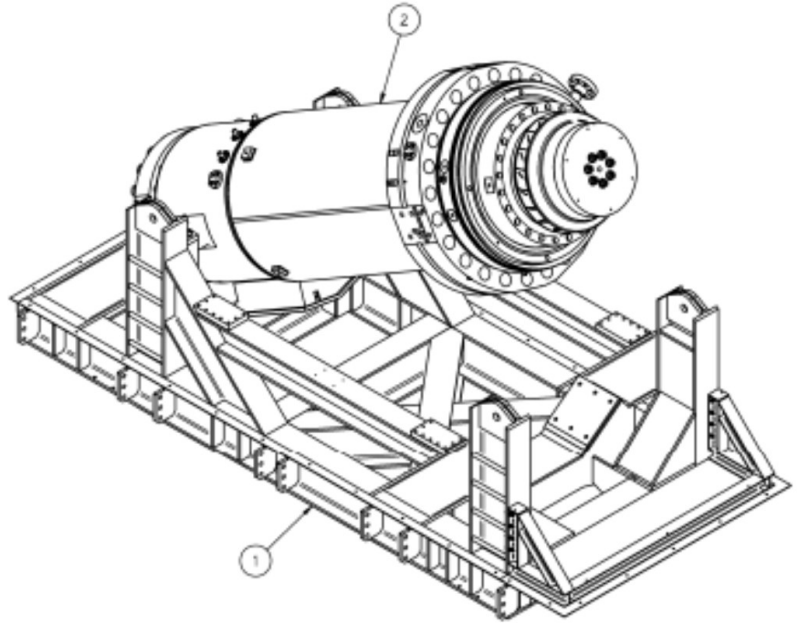
  Design and Spec

  ASME Section III

  Safety Class A

  Seismic Class 1





https://www.nrc.gov/docs/ML0715/ML071580904.pdf

WBS 6 – Cranes & FHME

Procurement and transport to NPP site of various cranes and fuel handling equipment.

- MH01 – Polar Crane

Size (L x W):
[38m x 13.5m]

Weight :
[450 T]

Build to Print Design

10 CFR50 & 10CFR21 applicable

ASME NOG-1

Safety Class NNS – Class D

Seismic Class 1

WBS 7 – Auxiliary Equipment

Procurement and transport to NPP site of various auxiliary equipment to differing procurement classes (ASME, SR, non-SR) such as heat exchangers, pumps, tanks, etc.

- ME2Q – CVS Makeup Pump Hx

Size (L x W x Height):
[2280mm x 578mm x 578mm]

Weight :
[450 kg Wet, 349 kg Dry]

ASME VIII, Division 1

Safety Class NNS – Class E

Non-Seismic

WBS 8 – Valves

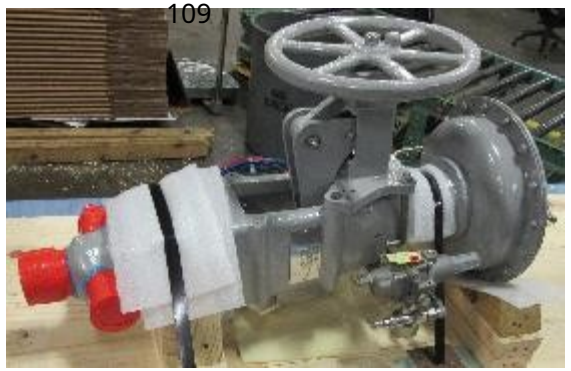
Procurement and transport to NPP site of >7,000 valves of various type and procurement class (ASME, SR, non-SR)

PV32 Data Sheet 183

PV33 Data Sheet 106

PV40 Data Sheet 095

PV54 Data Sheet 109



WBS 9 – Electrical

Procurement and transport to NPP site of various electrical items to differing procurement classes (Class 1E and non-Class 1E) equipment such as batteries, MCC's, transformers, electrical penetrations, etc. This includes variations of seismic classifications.

- ET01 – Main Step up Transformer

10 CFR50 & 10CFR21 applicable

Class 1E

Non-Class 1E

Safety Class NNS – Class D, Class E

Seismic Class 1 or 2 or Non-Seismic Class

WBS 10 – Instrumentation & Controls (I&C)

Procurement and transport to NPP site of various I&C items to differing procurement classes (Class 1E and non-Class 1E) equipment such as RTDs, cabinets, full systems (PMS/PLS), Rotameters, etc. This includes variations of seismic classifications

- JE27– Non-Class 1E Radar Level Transmitters, ANSI/ASME B31.1

10 CFR50 & 10CFR21 applicable

Non-Class 1E

Safety Class NNS – Class D

Various Seismic Class per Tag

- Various Data Sheets & Configurations
- Various performance requirements within Data Sheets
- There are similar commodity codes that fall under these categories ar manufactured at Krohne.

WBS 11 – Turbine Generator

Procurement and transport to NPP site the Turbine Generator. A half (1/2) speed turbine design.

- MG01 – Steam Turbine Generator

Turbine

Generator

10 CFR50 & 10CFR21 are not applicable

Non-Class 1E

Safety Class NNS – Class E

AP300 Supply Chain Notions

- What AP300 commodities can be bought from AP1000's supply chain?
  - **All AP300 items** can be sourced **from the current AP1000** vendors
  - Certain AP300 commodities allow for other vendors to supply, where they currently cannot for AP1000
- **Modularity** developed in AP1000: polar crane, mechanical modules, sections of containment
  - Proven concept, successful approach, but **we are taking it further**
- **6 units in operation** = qualified, proven and ready supply chain worldwide
- APX **additional deployments** are
  - Creating **immediate economic benefits**: GDP, jobs creation, academia & training dynamization
  - **Consolidating** existing **supply** baseline
  - **Qualifying additional vendors** to reinforce the existing supply base = increased capacity, more flexibility, more localization, less risk
  - **Regional resources**: Poland, Nordics, Czech Rep, Ukraine, Slovakia provide **valuable support to Lithuanian nuclear** program needs **and viceversa**
  - Increasing **attraction: more vendors and suppliers**, new to nuclear are being attracted & **investing** to participate in the next APX units
  - Generating **opportunities for more stakeholders**, including SMEs

APX Community

Standardization is a core principle in the AP design, supply & deployment

- Licensing eased
  - AP1000 is the only reactor licensed in the US, Europe and Asia
  - Design synergies, reduce licensing efforts
- Helps simplify project execution
- Increases supply options
- Our standardized WBSs streamline onboarding of local civil, mechanical, electrical & modular fabricators

Joining the **APX Fleet**

- Support from the Community of stakeholders
- Global users, global vendors
- Lessons are shared all across
  - Streamlined execution
  - Improved schedules
  - Reduced challenges
  - Avoidance of FOAK factors

Questions?

Labai ačiū!

You are invited to complete Supplier AP1000® Plant Initial Interest Form, which will only take 2 minutes to complete.

To access the site either visit the site link:
https://forms.office.com/Pages/ResponsePage.aspx?id=esFuUS-5i0OFIOEbb2vseQmU7I4qlcxMpdY1Af99-7pUN0JLWTYyMk02TVE
ERS4u

or scan the QR code below with any device with an internet connection

Westinghouse