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Paradigm Shift Toward Nuclear Supply Chain

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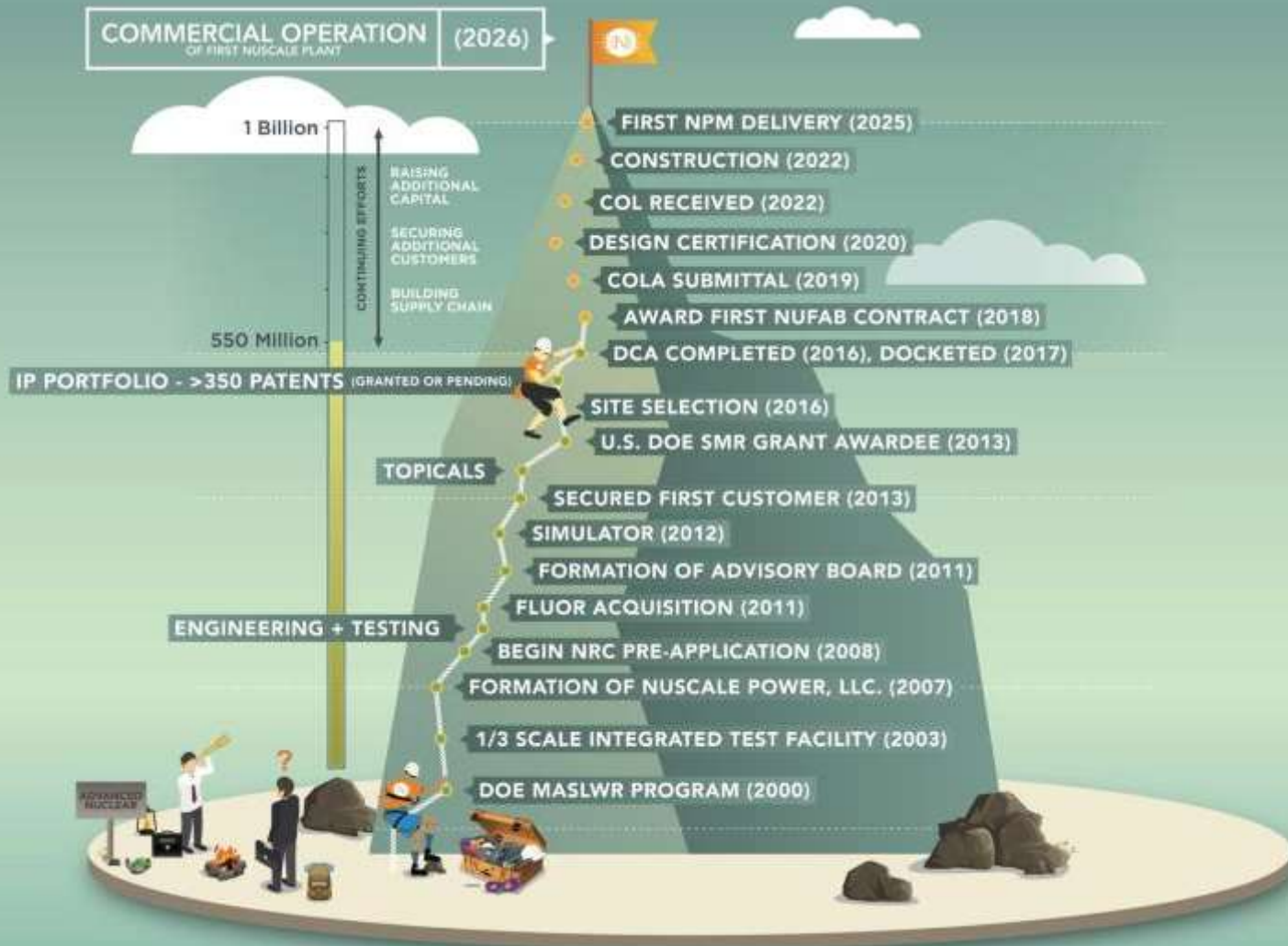
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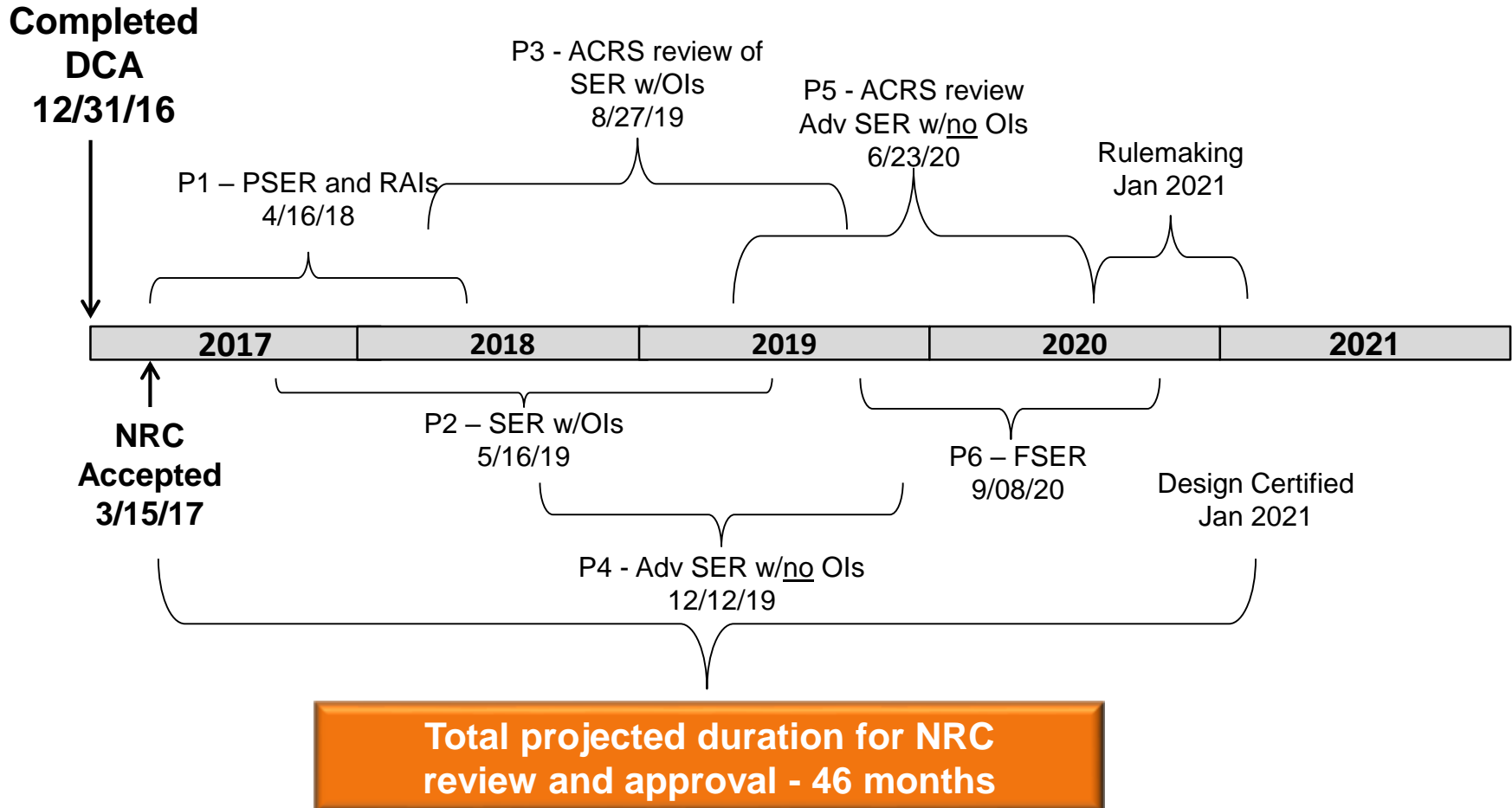
NuScale Update and Status

Blazing the Trail to Commercialization



Achieving a Successful Review

NuScale Baseline DC Review Schedule



The NuScale Supply Chain

The Paradigm Shift

- Unique—not like a traditional power plant
- Steady-state manufacturing vs. construction job
- Select and develop a set of supplier partners for all NuScale plants, not a bid list for one plant
 - close partnerships are critical
 - pricing models and terms negotiated in advance
 - suppliers are vested in the long term viability of NuScale
 - standard specifications

Supply Chain Focus Areas

- Production line suppliers vs low volume suppliers
- Maintain Standardization (GD&T windows, interfaces)
- Design for Manufacturing, Assembly, Transport
 - Iterative Design (listening to suppliers)
 - Component prototyping
- Sustaining a long term supply chain
- Uniquely positioned to take advantage of advanced manufacturing techniques (shop based fab)

Supply Chain Focus Areas (cont)

- Protection of Intellectual Property
- Selecting suppliers willing to adapt (CC on ballot)
- Selecting suppliers with nuclear safety culture
- Impact to schedules
- Transitioning to a purpose built factory
- Made in America – Support domestic growth

Supplier Characteristics

- Vested partners “skin in the game”
- Protection of Intellectual Property
- Production line suppliers vs low volume suppliers
- Selecting suppliers willing to adapt
- Selecting suppliers with nuclear safety culture
- Made in America – Support domestic growth

NPM Fabrication RFP

NuFAB

- November 3, 2016
- Atlanta, GA
- 108 Attendees – 83 different companies
- 10 countries
- Challenge: Find a fabricator for the NuScale Power Module (NPM) that can meet the cost, schedule and quality requirements for NuScale.

Heard the latest?

NuScale is looking for fabrication partners to help build its revolutionary Small Modular Reactor.

Announcing

NUFAB™
PARTNERING FOR FABRICATION

A One-Day, Invitation Only Event for Potential Supply Chain Partners
November 3, 2016 in Atlanta, Georgia.

Who Should Attend?

This event is for senior executives and key decision makers from:

- Companies with ASME nuclear certifications for pressure vessels
- Companies with large equipment fabrication or pressure vessel production experience
- Companies interested in developing a manufacturing supply chain for NuScale
- Companies interested in becoming a partner with NuScale
- Companies interested in being a consortium partner with pressure vessel fabrication companies

This event will kick-off the selection process for qualified and capable manufacturers who can participate in fabrication of the NuScale Power Module™. If you are interested in participating in the NuScale supply chain for the fabrication of the NuScale Power Module, you should attend this event.

All day conference and meeting events are scheduled for November 3, 2016, preceded by a reception on the evening of November 2, 2016. Formal invitations and a detailed agenda will be sent out later in September.

This event is invitation only.

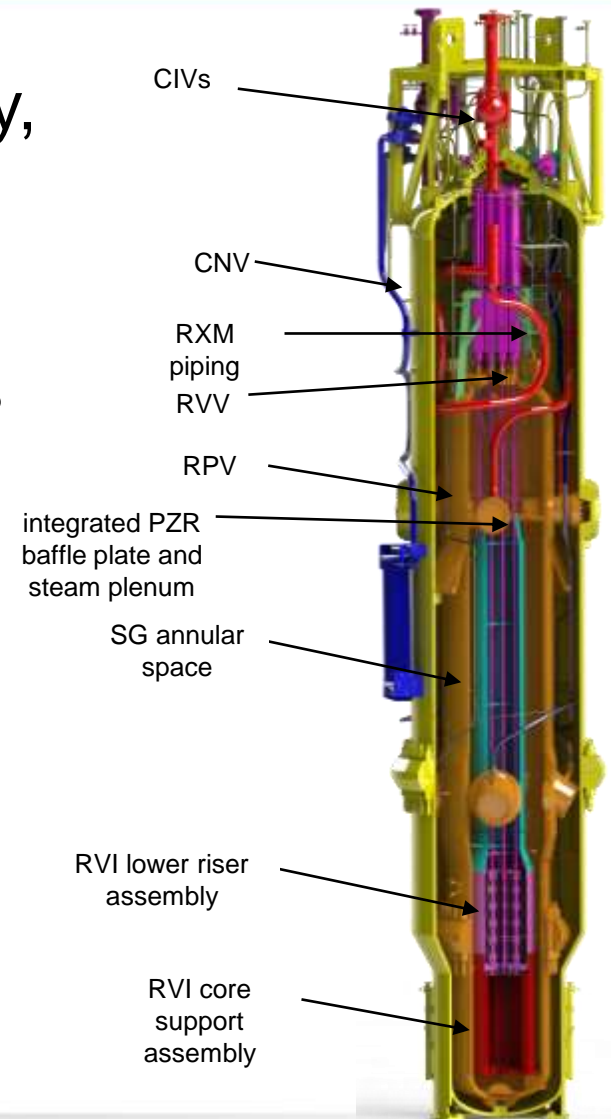
Due to high expected demand, attendance is limited to two people per company.

To request an invitation or for more information about future NuScale events, please follow the link to
<https://www.etouches.com/esurvey/nufab>.

"Become part of an elite team. Join NuScale Power in building a clean energy solution to the world's energy needs."

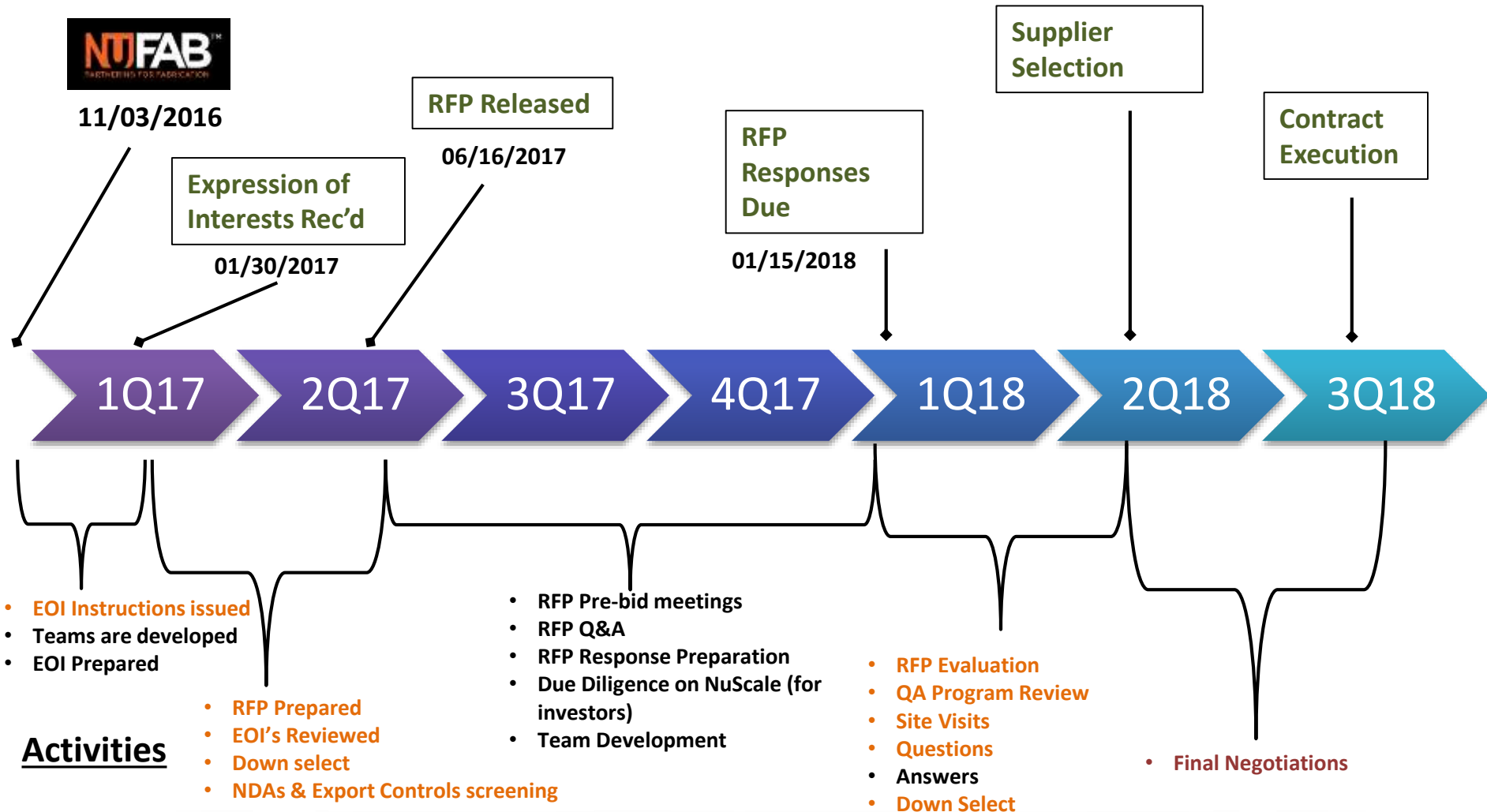
Supplier Scope - Base

- Refine the design for manufacturability, assembly and transportability
- Prepare for fabrication
- Fabricate 12 NuScale Power Modules
 - Containment Vessel
 - Reactor Vessel
 - Reactor vessel internals and piping
 - Steam Generator
 - Assembly and testing, including ITAAC support
 - Install equipment from other OEMs
- Value \$350M - \$400M in fabricator scope per plant



Selection Process Timeline

Milestones



Manufacturing Related Activities

Manufacturing Related Activities

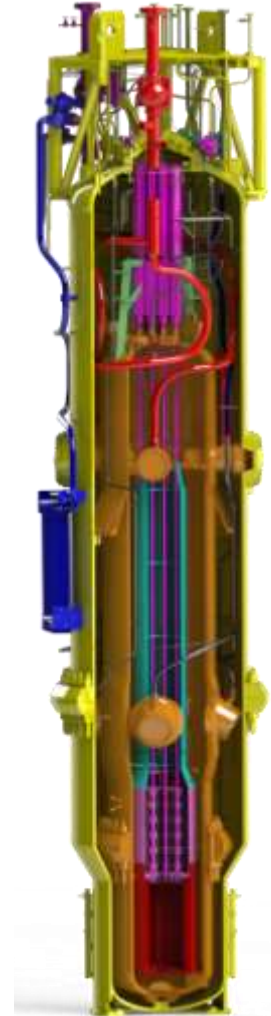


Advanced Manufacturing Mandate

- Does NuScale need advanced manufacturing?
 - Reduced production schedules ✓
 - Reduced module cost ✓
 - Reduced module weight ✓
 - True Nth-of-a-kind production ✓

~~*“That’s the way we’ve always done it”*~~

- What’s a NuScale Module look like in 10 years?
 - Traditional forgings
 - PM-HIP complex shapes
 - Additive Manufactured parts
 - Traditional welds
 - Advanced joining techniques
 - Laser clad components



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