

2020 ASME Section III Division 5 Virtual Workshop on High Temperature Reactors



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What you will learn about ...

- What advanced reactor developers need to know about the High Temperature Reactor design rules
- How the High Temperature Reactor rules differ from Section III, Division 1 rules for design
- How to design reactor components with modern analysis tools and follow code rules
- How to introduce new high temperature materials into the code

Opportunities for collaboration ...

- Learn from other reactor designers who have an opportunity to give an overview of their technologies
- Discuss possible improvements and additions to the code that are necessary for advanced reactor designs
- Learn how reactor vendors can get involved to influence code rule development

New Times for ZOOM

- **Day 1: Sunday, November 8, 2020, 10:00 AM – 3:30 PM, Eastern**
[Register for Day 1 HERE](#)
- **Day 2: Monday, November 9, 2020, 10:00 AM – 3:00 PM, Eastern**
[Register for Day 2 HERE](#)

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SECTION III
Rules for Construction of
Nuclear Facility Components

2019

ASME Boiler and
Pressure Vessel Code
An International Code

Division 5
High Temperature Reactors

ASME BPVC
Section III, Division 5
Virtual Workshop
Agenda

Time (Eastern)	Event	Presenter
<u>Day 1: Sunday, November 8, 2020</u>		
10:00-10:15 AM	Welcome and Opening Remarks - ASME President, Bryan Erler	
10:15 AM-12:00 PM	Session 1	Advanced Reactor Developer Presentations (I)
12:00-12:30 PM		Q&A
12:30-1:00 PM	Break	
1:00-3:00 PM	Session 2	Advanced Reactor Developer Presentations (II)
3:00-3:30 PM		Q&A
Detailed schedule of advanced reactor developer presentations is shown in the next page.		
<u>Day 2: Monday, November 9, 2020</u>		
10:00-10:10 AM	Welcome and Introduction	Michael Cohen
10:10-10:35 AM	Division 5 Overview	Sam Sham
10:35-11:00 AM	Division 5 Historical Perspective and Comment Resolution	Robert Jetter
11:00 AM-11:20 AM	Section XI-2: Reliability and Integrity Management	Vinod Chugh
11:20-11:35 AM	Regulatory Guidance – US Nuclear Regulatory Commission	Andrew Yeshnik
11:35-11:50 AM	Regulatory Guidance – Canadian Nuclear Safety Commission	Xuejun Wei
11:50 AM-12:00 PM	Regulatory Guidance – Q&A, Yeshnik and Wei	
12:00-12:30 PM	Break	
12:30-12:50 PM	Division 5 Design Methods for Metallic Components	Mark Messner
12:50-1:10 PM	Division 5 Materials (Metallic)	Richard Wright
1:10-1:35 PM	Division 5 Design & Materials – Nonmetallic	William Windes
1:35-1:50 PM	Hayward Tyler High Temperature Pump Examples	Rob Fleming
1:50-2:10 PM	Supporting Deployment of High Temperature Reactors	Marc Albert, EPRI
2:10-3:00 PM	ASME and Advanced Reactor Developers Interaction	Michael Cohen

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Day 1, November 8, 2020: Detailed Schedule

Time (Eastern)	Advanced Reactor Developer Presentation
Session 1	
10:15-10:30 AM	Advanced Reactor Concepts, LLC
10:30-10:45 AM	BWX Technologies, Inc.
10:45-11:00 AM	Elysium Industries
11:00-11:15 AM	Flibe Energy
11:15-11:30 AM	Framatome
11:30-11:45 AM	GE Hitachi Nuclear Energy
11:45 AM-12:00 PM	Natrium - TerraPower + GEH
12:00-12:30 PM	Q&A
Session 2	
1:00-1:15 PM	Kairos Power
1:15-1:30 PM	Moltex Energy
1:30-1:45 PM	TerraPower
1:45-2:00 PM	Terrestrial Energy
2:00-2:15 PM	ThorCon
2:15-2:30 PM	Ultra Safe Nuclear Corporation
2:30-2:45 PM	Westinghouse
2:45-3:00 PM	X-Energy
3:00-3:30 PM	Q&A