



# Hydrogen Safety Interest Group (H2SIG)

Kevin O’Kula  
H2SIG Working Meeting  
February 25, 2020  
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# Agenda – Hydrogen Safety Interest Group

EFCOG Nuclear and Facility Safety  
Accident Analysis Task Group  
H2 Safety Interest Group

- Center for Hydrogen Safety
  - Nick Barilo, Director CHS
- H2SIG – best practices, charter, and succession plan
- H<sub>2</sub> production test programs in commercial nuclear power plants
  - ANS June Meeting sessions
- EFCOG Biennial NFS Workshop
  - 19-25 September 2020
  - North Augusta, SC (near Savannah River Site)



# 1. Center for Hydrogen Safety

Nick Barilo, P.E.

Director, Center for Hydrogen Safety

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## 2. Hydrogen Safety Interest Group

- Propose March 2020 telecom
  - Review and potentially update SIG's charter
  - Identify one or two white paper topics (e.g., hydrogen & flammable gas management best practices)
  - Plan for Fall NFS Workshop
- Succession plan



### 3. Commercial Nuclear Interest with Hydrogen Ramps Up

- DOE and NRC LWR Sustainability Program
  - Idaho National Lab coordinating work with FirstEnergy, Xcel Energy (Minnesota), and Arizona Public Service
- Exelon Generation and DOE Office of Efficiency and Renewable Energy partnering with Nel Hydrogen to demo H<sub>2</sub> production system at an Exelon plant
- One to two panel sessions at ANS Annual Meeting, June 7-11, 2020 (Phoenix)



# 4. H2SIG Footprint in Upcoming NFS Workshop

- EFCOG Biennial 2020 NFS Workshop
  - September 19-25, 2020
  - Crowne Plaza North Augusta, SC (~20 miles from Savannah River Site)
- Paper session topics
- Training candidates for weekend (Saturday – Sunday)

Hydrogen Safety Training, PNNL,  
August 2018

