

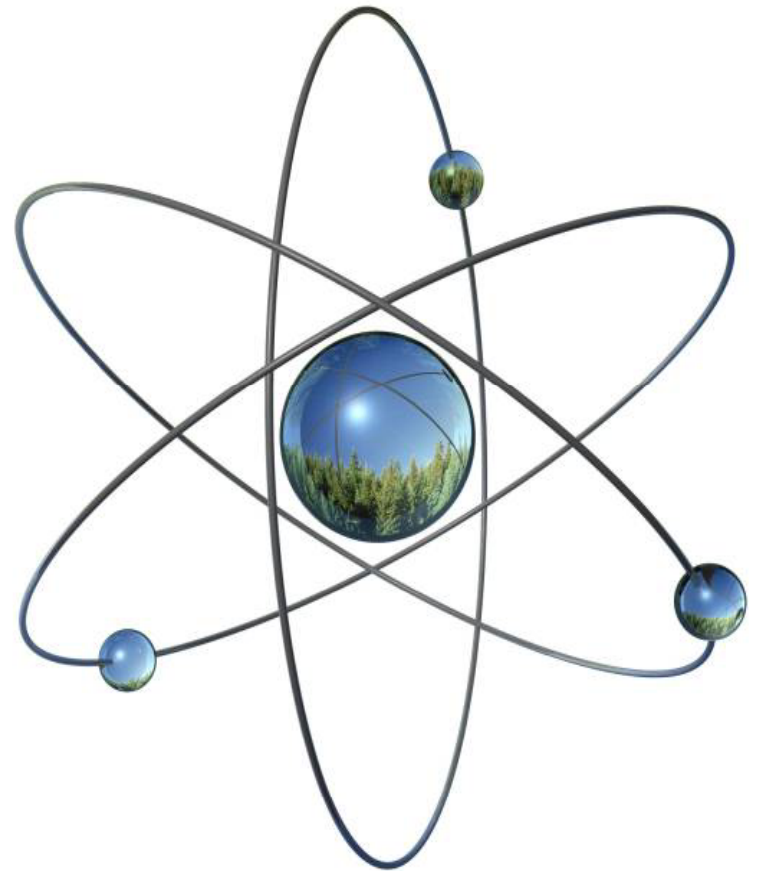
GE Hitachi Nuclear Energy

# 50.46 Workshop DG-1261 and 1263

April 30, 2014  
Rockville, MD



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# DG-1261

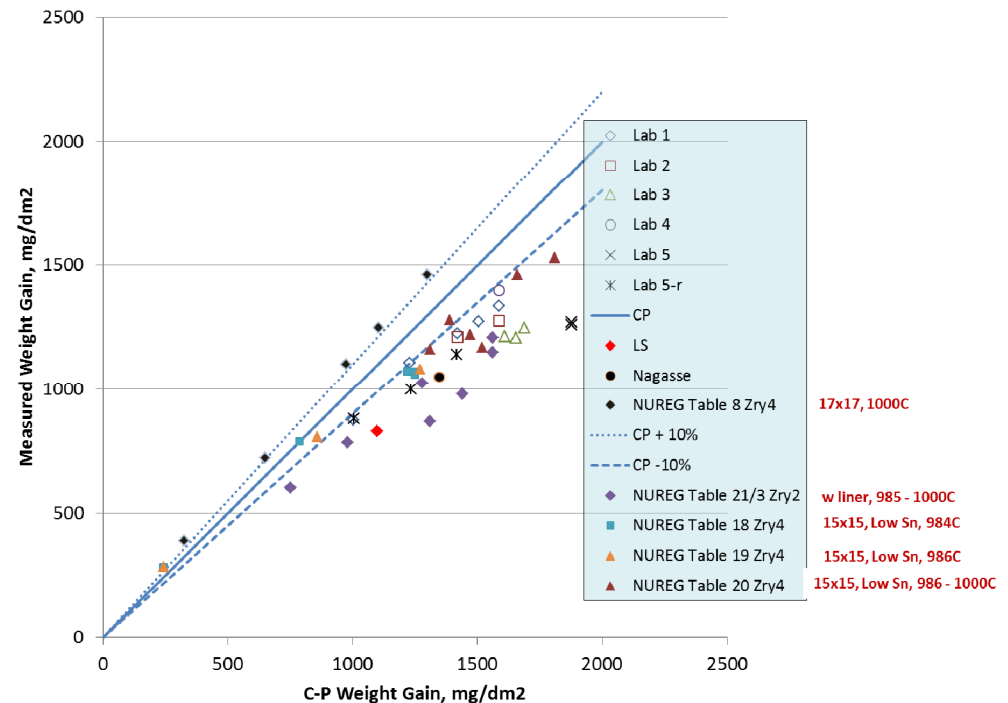
- Some prescriptive detailed requirements without clear justification
- Water Oxygen content (<45 ppb) (A-7.1);
  - no indication ANL tests met criterion,
  - most RR labs do not comply with criterion,
  - GNF tests showed complying with criterion would produce wt gain different than other labs



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# DG-1261 cont.

- No data gathering unless measured wt. gain is within 10% of CP calc. (A-6.3)
  - Data for Zircaloy tested near 1000 °C in NUREG-6967 fall outside 10%
  - Most RR data (without breakaway) fall outside 10%



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# DG-1261 cont.

- Consideration of allowing for  $>0.2\text{-}\mu\text{m}$  surf. roughness as significant change (A-3.2)
  - Clarification on origin of  $0.2\text{-}\mu\text{m}$  surf. roughness?



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# DG-1263

- Analytical limit for breakaway oxidation
  - Clarification on origin of 650 °C limit?
  - Can test data generated from DG-1261 be used to generate analytical limit for both temperature and time?



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