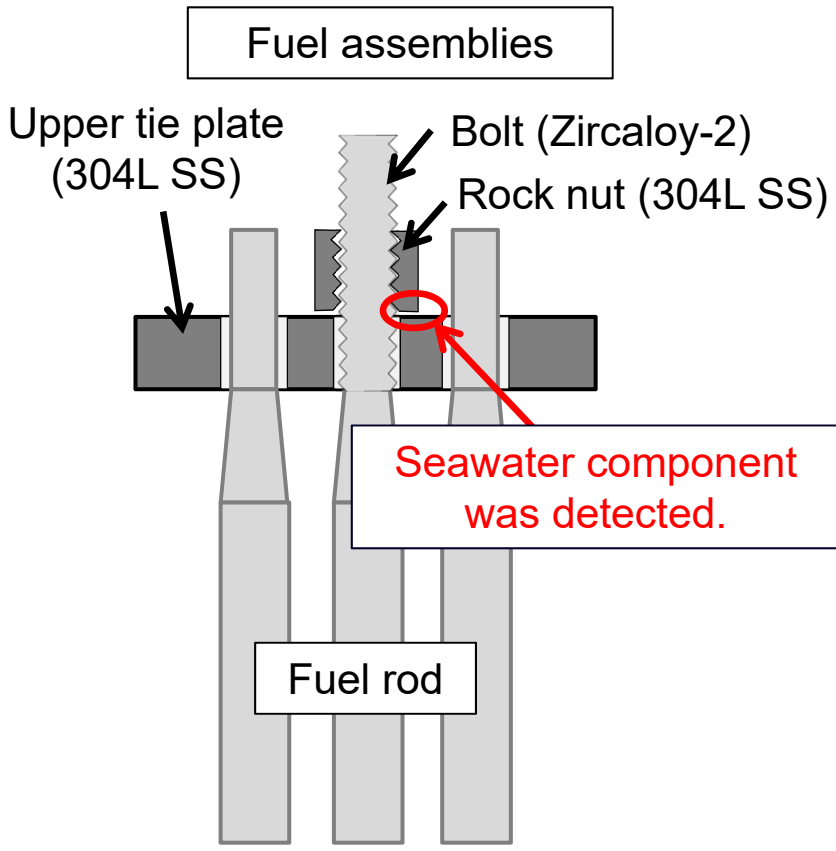
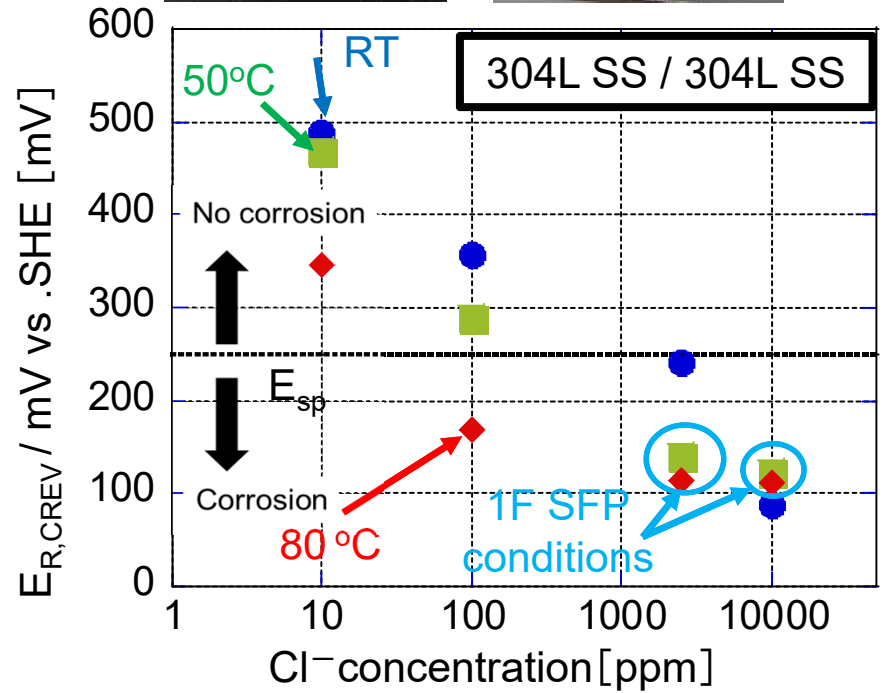
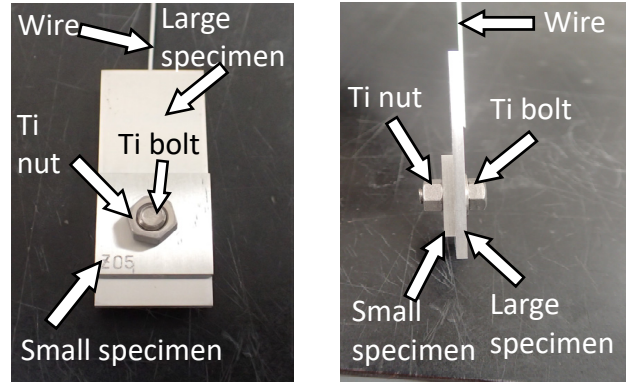


Electrochemical corrosion tests for core materials utilized in BWR under conditions containing seawater



- Test solutions: Artificial seawater
→ Cl⁻: 10ppm, 100ppm, 2500ppm, 10000ppm
- Solution Temperature:
→ RT, 50 °C, 80 °C
- Dissolved oxygen concentration: Saturated



- ➔
- As the chloride ion concentration increases, corrosion tends to occur.
 - Crevice corrosion may occur in 1F SFP conditions.