

AGENDA (Draft 1)

**Alloys 690/52/152 PWSCC Research Test Materials Meeting
Industry/NRC RES**

July 17-18, 2008

Rockville, MD

THURSDAY July 17, 2008

Introductions/Agenda/Objectives (Tregoning/Ahluwalia)	8:00-8:20am
Summary of May Meeting & Actions (Moyer)	8:20-8:45am
Collaboration Update (Ahluwalia)	8:45-9:00am
Best Practices: CGR Testing (Andresen)	9:00-9:30am
Break	9:30-9:45am
Base Metal PWSCC Issues (Andresen)	9:45-10:30am
Discussion (All)	10:30am-12:00pm
Melting process	
Solidification / dendritic segregation	
Homogeneity – extrusion vs. billet vs. plate	
Variations in deformation: rolling, forging, extrusion	
Inhomogeneous deformation in banded microstructures	
Detrimental material / deformation combinations	
Lunch	12:00-1:00pm
Presentations by Material Suppliers	1:00-1:30pm
Base Metal Procurement for PWSCC Testing (All)	1:30-3:00pm
Industry Archive Material	
Melting process	
Form (Ingot, billet, plate)	
Heat treatment (TT)	
Cold work (amount and type)	
HAZ (composition and level of residual tensile strains)	
Characterization	
Sources, amount needed & cost	
Break	3:00-3:15pm

Enclosure

Weld Metal PWSCC Issues (Andresen)	3:15-3:45pm
Discussion (All)	3:45-5:00pm
Type of weld metal (Alloy 52, 52M, 152)	
Composition variability	
Overlays, inlays and dilution effects	
Specimen configuration and stress/crack direction	
New PWSCC resistant formulations	

FRIDAY July 18, 2008

Recap of Thursday/Remaining Issues (Tregoning/Ahluwalia)	8:00-9:00am
Weld Metal Procurement for PWSCC Testing (All)	9:00-10:00am
Make at NRC/EPRI facilities	
From component suppliers	
Configuration (representation of plant welds)	
Welding procedures (best practices, proprietary issues)	
Characterization	
Source, amount needed and cost	
Break	10:00-10:15am
Weld Metal Procurement for PWSCC Testing (Continued)	10:15-11:00am
Material Bookkeeping/Storage/Distribution (All)	11:00-11:30am
Other Issues (All)	11:30am-12:00pm
Next Steps and Actions (Tregoning/Ahluwalia)	12:00-12:30pm
Adjourn	