

# Agenda for Stand Alone Report Seminar in Bilbao



March 9, 2010

08:00-08:30 Stand Alone Report Seminar introductory remarks

P. RUDLING

08:30-12:00 LCC Stand Alone Report on  
“*Environmentally Assisted Degradation of Stainless Steel in LWRs*”

P. FORD  
P. SCOTT  
P. COMBRADE

- Introduction and Background
- Physical Metallurgy of Stainless Steels
- Corrosion Basics of Stainless Steels
- IGSCC/IASCC of sensitized and/or cold worked and/or irradiated stainless steels in BWRs.
- IGSCC/IASCC of cold worked/irradiated stainless steels in de-oxygenated PWR-type coolants
- Pitting and stress corrosion due to pollutants in Water
- Corrosion fatigue

12:00-13:30

LUNCH / BREAK

March 9, 2010

13:30-17:00 LCC5 Stand Alone Report on

“*PWR and VVER Secondary System Water Chemistry*”

S. ODAR  
F. NORDMANN

- Introduction and background information
- Description of the behaviour of the impurities and chemical species in the secondary side
- Historical evolution of secondary water chemistry in the past during power operation
- Design and materials used in the secondary side
- Influence of various impurities on SG performance
- Adequate water chemistry for improved SG performance
- Different water chemistry strategies (state of art)
- Different strategies of using purification systems
- Different maintenance strategies in relation with chemistry (state of art), costs
- Chemical injections and monitoring
- Application of water chemistry control
- Conclusions and recommendations