



NSSL Load Monitoring and Fatigue Assessment Seminar
ERLANGEN, NOVEMBER 2017

SPEAK AND HEAR about fatigue management as an integrated part of aging management for operating power plants

GET THE LATEST INFORMATION about innovations, developments, best practices, the local load monitoring FAMOSI and state-of-the-art fatigue assessment methods

MEET FATIGUE EXPERTS to discuss about the identification and mitigation of fatigue

SHARE your success stories, feedback from operation and maintenance and ideas for improvement with us

Thank you for your registration by replying to Rudolph.Juergen@areva.com.
Number of participants is limited – so join us now! Invitation and program follow in September 2017.

Let's share our experiences!

AREVA NP

NSSL LOAD MONITORING AND FATIGUE ASSESSMENT SEMINAR

ERLANGEN,
DECEMBER 14-15, 2017

Register for the seminar by replying to Rudolph.Juergen@areva.com.
The number of participants is limited – so join us now! Let's share our experiences!

AREVA NP

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PROGRAM

NSSS LOAD MONITORING AND FATIGUE ASSESSMENT SEMINAR ERLANGEN DECEMBER 14-15, 2017

December 14 (Thursday) – Seminar and Evening Event

Common Session	
08:30 am – 12:00 pm (incl. 30 min break)	
Arrival and Registration	30'
Welcome, Safety Message and Introduction <i>Jürgen RUDOLPH, Steffen BERGHOLZ</i>	30'
Fatigue and Aging Management <i>Jürgen RUDOLPH</i>	60'
Basic Mechanisms of Fatigue <i>Jürgen RUDOLPH</i>	60'
12:00 pm – 01:00 pm: Lunch	
1:00 pm – 5:00 pm (incl. 30 min break)	
Concepts of Fatigue Assessment <i>Jürgen RUDOLPH, Steffen BERGHOLZ</i>	60'
Fatigue Assessment in Design Codes <i>Jürgen RUDOLPH, Steffen BERGHOLZ</i>	60'
Fatigue Assessment in Design Codes: Exercise <i>Jürgen RUDOLPH, Steffen BERGHOLZ</i>	90'
6:30 pm: Evening Event	



PROGRAM

**NSSS LOAD MONITORING AND FATIGUE ASSESSMENT SEMINAR
ERLANGEN
DECEMBER 14-15, 2017**

December 15 (Friday) – Seminar, Demonstrations and Practical Exercise

Common Session	
08:45 am – 12:15 pm (incl. 30 min break)	
Welcome and Safety Message <i>Jürgen RUDOLPH</i>	15'
Environmental Effects on Fatigue Life (EAF = Environmentally Assisted Fatigue) <i>Jürgen RUDOLPH</i>	60'
Fatigue Monitoring and Assessment Methods <i>Jürgen RUDOLPH</i>	60'
Local Load Monitoring Hardware (FAMOSi) Demonstration <i>Florian BRUCKMÜLLER</i>	45'
12:15 pm – 01:15 pm: Lunch	
1:15 pm – 2:45 pm (incl. 30 min break)	
Live Demonstration Fatigue Monitoring and Fast Fatigue Evaluation (FFE) incl. Practical Exercise <i>Steffen BERGHOLZ</i>	60'
Fatigue Assessment in LWRs for Long-term Operation <i>Jürgen RUDOLPH</i>	30'
3:00 pm – 4:00 pm	
Participants Cases, Questions and Answers, and Closing <i>ALL</i>	60'