

Tuesday /05.24.2016

08:00 am Welcome Kit Delivery (from 7:30 to 8:10 am)

Introduction of the meeting

WANO Introduction
JEAN-MARC WILLEMENOT WANO

IAEA Activities Related to Flow Accelerated Corrosion and Ageing Management
JOHN MOORE IAEA

FAC Programs: Update on US plant experience
GARY SCHWEITZER INPO

10:00 am BREAK TIME + EXHIBITION

Surveillance and repair of NPP moisture re-heater affected by FAC
JEAN-FRANÇOIS COSTE EDF, FRANCE

ToSPACE and its key technologies
HUN YUN KEPCO, KOREA

Development Status of 3D based Pipe Wall Thinning Management Program
KYEONGMO HWANG KEPCO, KOREA

Venturis examination feedback at EDF NPPs : Influence of the surface deposits to FAC process
JINANE TARABAY EDF, FRANCE

12:00 am

LUNCH TIME

1:30 pm Exhibitors presentation

FAC: How does Flow Accelerate Corrosion
DANIEL ZINEMANAS Israel Electric Corporation, ISRAEL

Development of surface roughness in pipes and its effect on mass transfer
CHAN CHING Mc Master University, CANADA

Improvement of FAC maintenance program issued from BRT-CICEROTM via CFD calculations
ELODIE GIPON EDF, FRANCE

3:30 pm BREAK TIME + EXHIBITION

Experience Learned from Prediction and Calibration of Flow Accelerated Corrosion by CHECWORKS for Model Nuclear Power Plants
YI GONG SNERDI, CHINA

RAMEK application experience to solve FAC problems at Russian NPPs
GRIGORY TOMAROV Geotherm-EM, RUSSIA

On FAC in the Armenian NPP Unit 2 secondary circuit found with UT and other NDI methods
HARUTYUN KHACHATRYAN ANPP, ARMENIA

Ageing management implementation and LTO preparation
HELMUT NOPPER AREVA GmbH, GERMANY

5:30 pm

Wednesday /05.25.2016

Research activities on FAC prediction in CRIEPI
KIMITOSHI YONEDA CRIEPI, JAPAN

Experimental validation of computational fluid dynamics studies for erosion-corrosion in a straight DN100 heated pipe
SOPHIE BOURNAUD EDF, FRANCE

Evaluation of FAC for rotating cylindrical carbon steel
KIM DONG-JIN KAERI, KOREA

Research on corrosion of SA335-P11 steel in simulated NPP main stream
XIUQIANG SHI SNERDI, CHINA

BREAK TIME + EXHIBITION

Flow induced material degradation caused by erosion
ANDRÉ ZANDER AREVA GmbH, GERMANY

Mass Transfer Characteristics on Periodic Rough Pipe Downstream of Orifice
NOBUYUKI FUJISAWA Niigata University, JAPAN

Flow Accelerated Corrosion of Small Bore Piping
KAREL SPLITEK UJV Řež, CZECH REPUBLIC

The use and experience with CHECWORKS™ in performing power uprates
RYAN WOLFE EPRI, USA

BREAK TIME EXHIBITION TOUR

LUNCH TIME

The IAPWS Technical Guidance Documents for Addressing FAC for Fossil, Combined Cycle and Biomass Plants
BARRY DOOLEY Structural Integrity, UK

Conventional resin cation exchangers versus EDI for CACE measurement in power plants - feasibility and practical field results
JULIA GATH SWAN, SWITZERLAND

Internal NDT inspection of HRSG finned Tubes
DAMIEN R.PAIN Doosan Babcock, UK

Ultrasonic and Irradiation pipe robots for internal corrosion mapping and weld inspection - Case studies from practice
ALEXANDER REISS Inspector Systems, GERMANY

Monitoring Corrosion growth with ultrasonic inspection
TOM HASSAL Sonomatic, UK

30' BREAK TIME + EXHIBITION

Turbidity measurement as trend monitoring for particulate corrosion products
JULIA GATH SWAN, SWITZERLAND

A dynamic corrosion stress management in power systems to maximize lifetime and reduce Flow Assisted Corrosion
ANDRAS BACZONI NALCO, HUNGARY

Flexible ultrasonic phased-array probe for elbows inspection
ANDRE LAMARRE Olympus OSSA, CANADA

The in service application of an ultrasonic system permanently attached to the extrados of pipework to monitor possible wall loss due to FAC
ALAN HIPKISS ApplusRTD, UK

Thursday /05.26.2016

State of knowledge of FAC in Fossil and Combined Cycle Plants
BARRY DOOLEY Structural Integrity, UK

Characteristics of scalloped appearance and oxide layer and their relation to FAC rate of carbon steel piping elbow used in fossil power plant
HIROSHI ABE Tohoku University, JAPAN

Understanding variations in Flow Accelerated Corrosion wear rates in HRSG evaporator tubes
JAMES MALLOY Tetra Engineering, FRANCE

Review of conventional and advanced Non Destructive Testing techniques for corrosion assessment
HENRI WALASZEK CETIM, FRANCE

3D scanning as input for NDE methods
DAMIEN DELACOUX EDF, FRANCE

SOCIAL EVENT & GALA DINNER

Friday /05.27.2016

Investigation into the relationship between inspection results and reported failures in small-bore piping
DANIEL POE Altran, USA

Effect of oxygen injection on the FAC phenomenon
ALEXANDRE BELLEFLEUR EDF, FRANCE

The effects of a film-forming amine on FAC in single and two-phase flows
DEREK LISTER University of New Brunswick, CANADA

Elimination of single and 2 phase FAC by OEM compliant surface-active chemistry anodamine
MANFRED JANSEN Anodamine Europe BV, NETHERLANDS

Complex management of FAC issues for operating and new NPP units
ALEXEY ARZHAEV LLC, RUSSIA

BREAK TIME + EXHIBITION

Risk inspection management of FAC phenomenon
MAIK WEISS AREVA GmbH, Germany

Improving Plant Reliability based on Inspection and Maintenance of Local Wall Thinning due to Flow Accelerated Corrosion
SHUNSUKE UCHIDA Institute of Applied Energy, JAPAN

FAC & Erosion management strategy in Korea
YOSEOB LEE KHNP, KOREA

FAC rate estimation based on control data
VIKTOR YURMANOV NIKIET, RUSSIA

FAC2016 Conclusion

LUNCH TIME