

**TM/Workshop on "Erosion-Corrosion including Flow Accelerated Corrosion and Environmentally Assisted Cracking Issues in NPPs"  
21-23 April 2009, Moscow, Russian Federation**

**List of participants - As of 02.03.09**

<b>No.</b>	<b>Country</b>	<b>Surname, Name</b>	<b>Organization</b>	<b>Position</b>	<b>E-mail address</b>	<b>Presentation / keynote title</b>	<b>Remarks/ Others</b>
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3.	Argentina	Mr. CAZAL, Miguel	Nucleoelectrica Argentina s.a.	Services Coordinator	mcazal-ds@cne-nasa.com.ar		
4.	Argentina	Mr. DUCA, Jorge	Nucleoelectrica Argentina s.a.	Nuclear Auxiliary Systems & Chemistry Division Chief	duca@na-sa.com.ar	Secondary Circuit Mapping of FAC & High Velocity-Two Phase Flow Mechanical Degradation Effects	
5.	Argentina	Mr. CHOCRON, Mauricio	Comision Nacional Energia Atomica	Reactors Chemistry Section Head	chocron@cnea.gov.ar	- same title -	
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7.	Brazil	Mr. COSTA, Tomas	Eletronuclear S.A. - Eletronuclear	Engineer	tomas@eletronuclear.gov.br	Flow Accelerated Corrosion Programme in Angra NPP Units 1 and 2	
8.	Bulgaria	Ms. MINKOVA, Katya	Nuclear Power Plant Kozloduy Plc.		kminkova@npp.cit.bg		
9.	Bulgaria	Ms. STOYANOVA, Stoyanka	Nuclear Regulatory Agency		s.stoyanova@bnra.bg		
10.	Canada	Mr. AWAD, Raoul	Canadian Nuclear Safety Commission	Director	raoul.awad@cnsccsn.gc.ca	Regulatory Perspective on CANDU Feeder Pipe Degradation due to FAC and IGSCC	
11.	Canada	Mr. JIN, John C.	Canadian Nuclear Safety Commission	Specialist	john.jin@cnsccsn.gc.ca	- same title -	
12.	Canada	Mr WEI, Xuejun	Canadian Nuclear Safety Commission	Technical Specialist	xuejun.wei@cnsccsn.gc.ca		
13.	China	Ms. XU, Xuelian	Shanghai Nuclear Engineering Research and		xuxl@snerdi.com.cn	1. Research on Corrosion Fatigue of Structure Materials	

			Design Institute			in LWR Environment 2. Management of Secondary System PIPINGS on FAC in China	
14.	China	Mr. GUI, Chun	Research Institute of Nuclear Power Operation	Director	guic@cnpotech.com	FAC Management an operation experience feedback of Chinese NPPs	
15.	China	Ms. LIN, Fang	Daya Bay Nuclear Power Operations & Management Co., Ltd.	Senior Engineer	linfang@cgnpc.com.cn		
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20.	France	Mr. TREVIN, Stéphane	Electricité de France	Specialized Engineer	stephane.trevin@edf.fr	FAC prediction at EDF: a comparison of the versions 2 and 3 of BRT-CICERO	
21.	Germany	Mr. ZANDER, André	AREVA		Andre.Zander@areva.com	1. The NPP Leibstadt Program for the Prevention of Piping Degradation due to Flow-Accelerated Corrosion Phenomena 2. The COMSY – code for the Detecting of Piping Degradation due to Flow-accelerated Corrosion	
22.	Hungary	Mr. BABICS, Peter Pal	Hungarian Atomic Energy Authority		babics@haea.gov.hu		
23.	Hungary	Mr. WEISZ, Pal	Paks Nuclear Power Plant Ltd.	Senior Technical Consultant	weiszp@npp.hu		
24.	Japan	Mr. INADA, Fumio	Central Research Institute of Electric Power Industry (CRIEPI)	Leader, Pipe Wall Thinning Research Unit	inada@criepi.denken.or.jp	Japanese Pipe Wall Thinning Management Based on JSME Rules and Recent R&D Studies to Enhance the Rules	

25.	Korea	Mr. LEE, Sung Ho	Korea Electric Power Research Institute	Senior Researcher	sungho@kepri.re.kr	Flow Accelerated Corrosion Program of Korean NPPs	
26.	Mexico	Mr. VERONICA, Vergara Torres	Comision Federal de Electricidad/Laguna Verde	Engineer	veronica.vergara@cfe.gob.mx	Flow accelerated corrosion in cooper-nickel 90-10 in sea water	
27.	Mexico	Mr. CARLOS ROSENDO, Arganis Juarez	Instituto Nacional de Investigaciones Nucleares	Engineer	carlos.arganis@inin.gob.mx	- same title -	
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30.	Russian Federation	Mr. GUTSEV, Dmitry	JSC "Concern Energoatom" / Material Studies Direction	Deputy Head of Direction			
31.	Russian Federation	Mr. GRIGORIEV, Vladimir	JSC "Concern Energoatom" / Material Studies Direction	Chief specialist			
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33.	Russian Federation	Mr. MAXIMOV, Vladimir	JSC "Concern Energoatom" / Balakovo NPP	Leading technologist – engineer			
34.	Russian Federation	Ms. IVOLGA, Natalia	JSC "Concern Energoatom" / Volgodonsk NPP	Engineer (Chemistry Shop)			
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36.	Russian Federation	Mr. KHIVRIN, P	JSC "Concern Energoatom" / Kalinin NPP	Metal Diagnostics division			
37.	Russian Federation	Mr. BARMIN, Leonid	JSC "Concern Energoatom" / Kola NPP	Head of Chemistry Shop			
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39.	Russian Federation	Mr. BEZNOSIKOV, Stanislav	JSC "Concern Energoatom" / Kursk NPP	Leading engineer			
40.	Russian Federation	Mr. ASEEV, Sergey	JSC "Concern Energoatom" / Kursk NPP	Senior foreman			
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46.	Russian Federation	Mr. GOLUBEV, Konstantin	JSC “Concern Energoatom” / Smolensk NPP	Engineer (metal inspections)			
47.	Russian Federation	Mr. NOSKOV, Andrey	JSC “Concern Energoatom” / Design Affiliate	Leading specialist of Technological division			
48.	Russian Federation	Mr. RUBTSOV, Valery	STC NRS of Rostechndzor	Head of division			
49.	Russian Federation	Mr. BUTORIN, Sergey	RDIPe	Deputy Director of Department			
50.	Russian Federation	Mr. ARZHAEV, Alexey	RDIPe	Head of Laboratory			
51.	Russian Federation	Mr. POPADCHUK, Valery	DB Hidropress	Head of division			
52.	Russian Federation	Mr. ZHUKOV, Roman	DB Hidropress	Hear of group			
53.	Russian Federation	Mr. DUB, Alexey	SPA «TsNIITMASH»	Director General		“Methodical aspects of studies of a multifactor E/C process with assessment of the external factors influencing on the corrosion phase of the process and the uncertainties related to the nature and degree of damage, while performing diagnostics by ultrasound methods”	
54.	Russian Federation	Ms. KHARINA, Irina	SPA “TsNIITMASH”				
55.	Russian Federation	Mr. SOROKIN, Andrey	“Gazproekt” Institute	Director for Diagnostics		“Development and implementation of NPP pipelines corrosion diagnostic system (SDKT-AES) based on electromagnetic-acoustic	

						transducers”	
56.	Russian Federation	Mr. YURMANOV, Victor	ENES	Senior scientific researcher		<b>“Flow accelerated corrosion of pipelines and equipment at Russian NPPs: problems and solutions”</b> (co-authors: D.Gutsev, V.Rakhmanov)	
57.	Russian Federation	Mr. USANOV, Alexander	VNIIAES	Deputy Director General		<p>1. <b>“Implementation of the Personnel Support Software Set (PKPP) aimed at improvement of erosion-corrosion resistance of NPP pipelines and equipment”</b></p> <p>2. “Erosion – Corrosion of pipe walls in WWER NPP systems with single-phase and two-phase flow during various operational periods”</p> <p>3. “About development and implementation of normative documentation related to technical conditions and residual resource of pipelines subjected to FAC”</p>	
58.	Russian Federation	Mr. PROKOPENKO, Anatoly	VNIIAES	Head of division			
59.	Russian Federation	Mr. BARANENKO, Valery	VNIIAES	Head of division		<p>1. Development and implementation of normative documentation related to technical condition and residual resource of pipelines subjected to FAC</p> <p>2. Flow accelerated corrosion of carbon steel pipelines with single-phase and two-phase flows during WWER plant operation</p>	
60.	Russian Federation	Mr. TOMAROV, Grigory	Geoterm - EM	Director General		<b>1. “Scientific bases and practical methods for prevention of local erosion-corrosion of components of</b>	

						<p><b>NPP equipment and pipelines”</b></p> <p><b>2. “Optimization of operative control (thickness measurement) of components of WWER-1000 secondary circuit equipment and pipelines”</b></p> <p>3. “Computational modeling of metal local erosion-corrosion by means of the RAMEC-1 software set”</p>	
61.	Russian Federation	Mr. SHIPKOV, Andrey	Geoterm - EM	Head of division			
62.	Russian Federation	Mr. PODVOLOTSKY, Boris	EREC	Head of Department for NPP Operations			
63.	Russian Federation	Mr. AREFIEV, Alexander	RDIPe / Engineering Diagnostics centre	Deputy Director General			
64.	Russian Federation	Mr. BAKIROV, Murat	CMSLM Ltd.	General Director	testm@orc.ru	Methodology of NPP elements’ FAC problem solving taking into account experience gained in Russia and overseas	
65.	Slovakia	Mr. BREZINA, Martin	VUJE Inc.	Senior Project Manager	brezina@vuje.sk	Corrosion Monitoring Programs of NPP Safety Related Components	
66.	Slovakia	Mr. KUPCA, Ludovit	VUJE Inc.	Head of Department	kupca@vuje.sk	- same title -	
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70.	Slovakia	Mr. HAVAVKA, Michal	Slovak Electric	Lifetime Management Technician	havavka.michal@ebo.seas.sk		
71.	Slovenia	Mr. LEGAT, Andraž	Slovenian National Building & Civil Engineering Institute		andraz.legat@zag.si	Measuring and Characterization of Flow Accelerated Corrosion and Environmentally Assisted Cracking by Means of Various	

						Techniques	
72.	Slovenia	Mr. NEMEC, Tomaz	Slovenian Nuclear Safety Administration		tomaz.nemec@gov.si		
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79.	Ukraine	Mr. TROKHYMCHUK, Volodymyr	Rovno Nuclear Power Plant				
80.	IAEA	Mr. Ki Sig Kang	IAEA	Scientific Secretary	ki-sig.kang@iaea.org	The IAEA contributions on E-C	