



Junior
L^{taff} P^{rogramme}
ETSON



Tadas KALIATKA
PhD student-Junior Research Associate
Laboratory of Nuclear Installation Safety
Office phone: +370 37 401911
E-mail: tadas@mail.lei.lt
Emergency phone: +370 60 540008

LITHUANIAN ENERGY INSTITUTE
Breslaujos str. 3, LT-44403 Kaunas, LITHUANIA
Phone number: +370 37 401801, Fax: +370 37 351271
<http://www.lei.lt>

**Summer Workshop
2013**

Arrival to LEI



ACCIDENT MANAGEMENT

**26–30 August
Kaunas
LITHUANIA**

Accident Management

ETSON JSP Summer Workshop 2013, Lithuanian Energy Institute, August

	26 (Monday) 1. General introduction	27 (Tuesday) 2. Preparation to the development of AMP	28 (Wednesday) EMC, technical excursion	29 (Thursday) 3. Development of AMP	30 (Friday) 3. Development of AMP
9:00 – 10:30	Welcome speech: (LEI director, E. Užpuras). General presentations: ETSON (K. Ben Ouaghrem, IRSN), LEI (L. Murauskaitė), IRSN (K. Ben Ouaghrem), BEL V (N. Tang)	2.1. Crisis source term calculation methods. IRSN (S. Fougerolle), SEC NRS (A. Kirkin). 2.3. Analyses needed for AMP development. NRI (P. Bizek, V. Dolecek, B. Migliorini), Bel V (V. Jacques)	Excursion, take off at 8:00 from Kaunas hotel VATESI, Emergency Response Center (Vilnius) + lectures ~2 h	Excursion LEI labs (~2 h, two groups)	3.4. Determination of the needs for plant instrumentation, equipment and material, and necessary upgrades. Integration of procedures, guidelines and the plants emergency arrangements. Bel V (K. Beeckmans, J. Depuydt)
10:30 – 11:00	Coffee break	Coffee break		Coffee break	Coffee break
11:00 – 12:30	General presentations: GRS (L. Bahr), NRI (B. Migliorini), PSI (L. Fernandez-Moguel), VUJE (S. Bebjak), SEC NRS (I. Renev), SSTC NRS (R. Serafyn)	2.2. Analyses needed for AMP development. PSI (D. R. Karanki), GRS (L. Bahr, J. Arndt)		3.1. Selection and development of severe accident management strategies. LEI (M. Povilaitis), IRSN (J. Deyris), SEC NRS (S. Khizhnyak). 3.2. Development of accident management procedures and guidelines. Supporting accident analysis for development of procedures and guidelines. LEI (V. Ognerubov)	3.5. Verification and validation of procedures and guidelines. LEI (E. Urbonavičius), IRSN (J. Denis)
12:30 – 13:30	Lunch	Lunch	Lunch (Vilnius)	Lunch	Lunch
13:30 – 15:00	1.1. Plant and Core sates, Specifics of Accidents for different reactor types. Introduction to accident scenarios. LEI (A. Slavickas), IRSN (L. Carenini), SEC NRS (P. Borodkin) 1.2. Severe accident phenomenology. Bel V (M. Adorni), GRS (S. Band), NRI (G. Mazzini), IRSN (P. Chevrier L. Carenini)	2.3. Preliminary analysis for EOPs: Computational aids; Preliminary analysis for mitigatory severe accident management actions. LEI (T. Kaliatka)	Excursion 14:00 Trakai History Museum (http://www.trakaimuziejus.lt) 	3.3. Severe accident management strategies. LEI (V. Ognerubov). Practical examples LEI (V. Ognerubov), Bel V (K. Van Cutsem), GRS (C. Hsiao-Wei), SEC NRS (P. Borodkin), IRSN (P. Chevrier), SSTC NRS (I. Tereshchenko, O. Kuhotskiy)	Final remarks Conclusions
15:30 – 16:00	Coffee break	Coffee break		Coffee break	Coffee break
16:00 – 17:00	1.3. Analytic source term calculation methods. IRSN (L. Chailan, J. Denis)	Practical exercises Accident simulator LEI (T. Kaliatka, M. Povilaitis)		Practical exercises Source term IRSN (L. Chailan)	Feedback and Departures
19:00	Dinner	Free evening	Free evening	JSP meeting (only for delegates)	