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Arrival to LEI

Summer Workshop
2013

ACCIDENT MANAGEMENT

26–30 August
Kaunas
LITHUANIA
<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>26 (Mon)</td>
<td>9:00 – 10:30</td>
<td>Welcome speech: (LEI director, E. Uspuras). General presentations: ETSON (K. Ben Ouaghrem, IRSN), LEI (L. Murauskaitė), IRSN (K. Ben Ouaghrem), BEL V (N. Tang)</td>
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<tr>
<td>27 (Tue)</td>
<td>2.1. Crisis source term calculation methods. IRSN (S. Fougereolle), SEC NRS (A. Kirkin). 2.3. Analyses needed for AMP development. NRI (P. Bizek, V. Dolecek, B. Miglierini), Bel V (V. Jacques)</td>
<td>Excursion, take off at 8:00 from Kaunas hotel VATESI, Emergency Response Center (Vilnius) + lectures ~2 h</td>
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<tr>
<td>28 (Wed)</td>
<td>2.2. Analyses needed for AMP development. PSI (D. R. Karanki), GRS (L. Bahr, J. Arndt)</td>
<td>Excursion LEI labs (~2 h, two groups)</td>
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<tr>
<td>29 (Thu)</td>
<td>2.3. Preliminary analysis for EOPs: Computational aids; Preliminary analysis for mitigatory severe accident management actions. LEI (T. Kaliatka)</td>
<td>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)</td>
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<tr>
<td>30 (Fri)</td>
<td>14:00</td>
<td>Excursion Trakai History Museum (<a href="http://www.trakaimuziejus.lt">http://www.trakaimuziejus.lt</a>)</td>
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<tr>
<td>26 (Mon)</td>
<td>10:30 – 11:00</td>
<td>Coffee break</td>
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<tr>
<td>27 (Tue)</td>
<td>11:00 – 12:30</td>
<td>Coffee break</td>
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<tr>
<td>28 (Wed)</td>
<td>12:30 – 13:30</td>
<td>Lunch</td>
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<tr>
<td>27 (Tue)</td>
<td>13:30 – 15:00</td>
<td>Lunch</td>
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<tr>
<td>28 (Wed)</td>
<td>15:30 – 16:00</td>
<td>Coffee break</td>
</tr>
<tr>
<td>29 (Thu)</td>
<td>16:00 – 17:00</td>
<td>Coffee break</td>
</tr>
<tr>
<td>30 (Fri)</td>
<td>19:00</td>
<td>Dinner</td>
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**1. General introduction**

- **1.1. Plant and Core states, Specifics of Accidents for different reactor types.** Introduction to accident scenarios. LEI (A. Slavickas), IRSN (L. Carenin), 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. Preparation to the development of AMP**

- **2.1. Crisis source term calculation methods.** IRSN (S. Fougereolle), SEC NRS (A. Kirkin).
- **2.2. Analyses needed for AMP development.** NRI (P. Bizek, V. Dolecek, B. Miglierini), Bel V (V. Jacques)

**3. Development of AMP**

- **3.1. Selection and development of severe accident management strategies.** LEI (M. Povilaitis), IRSN (J. Deyris,)
- **3.2. Development of accident management procedures and guidelines. Supporting accident analysis for development of procedures and guidelines.** LEI (V. Ognerubov)
- **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)
- **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)

**Practical exercises**

- **Practical exercises Accident simulator**
- **Practical exercises Source term**

**Coffee breaks**

- **Coffee break**
- **Coffee break**
- **Coffee break**
- **Coffee break**
- **Coffee break**

**Lunches**

- **Lunch**
- **Lunch**
- **Lunch**
- **Lunch**

**Free evenings**

- **Free evening**
- **Free evening**

**Departures**

- **Feedback and Departures**

**Final remarks**

- **Final remarks**
- **Conclusions**

**Welcome speech:** (LEI director, E. Uspuras).

**General presentations:**
- ETSON (K. Ben Ouaghrem, IRSN),
- LEI (L. Murauskaitė),
- IRSN (K. Ben Ouaghrem),
- BEL V (N. Tang)