



## Minutes of the 43<sup>rd</sup> meeting of ENSREG

7 July 2021

Virtual meeting

## Participants

With the exception of Cyprus and Malta, ENSREG Members representing all EU Member States as well as the European Commission (EC) participated to the meeting. Hungary and Romania were represented by officials nominated by an ENSREG Member. Observers from Belarus, Switzerland, Turkey, Ukraine, United Kingdom, the EU Council, the IAEA and WENRA also participated.

## 1. Opening of the meeting and adoption of the agenda

HLG-r(2021-43)\_550 Draft Agenda of the 43rd ENSREG Meeting

The ENSREG Chairperson, Ms Marta Žiaková, opened the 43<sup>rd</sup> ENSREG meeting, which took place virtually and without interpretation due to the constraints imposed by the Covid-19 pandemic.

Ms Žiaková and Mr Garribba, the EC representative, welcomed one new ENSREG Observer, Mr Foy, representing the Office for Nuclear Regulation of the United Kingdom. Mr Foy was replaced by Mr Urquhart in the present meeting. The list of Members and Observers is attached as Annex II.

## 2. Chairperson's introduction and report

HLG-r(2021-43)\_550 Draft Agenda of the 43rd ENSREG Meeting

The focus of the extraordinary meeting was to discuss the main organisational issues of the second Topical Peer Review on 'fire protection'. Under Any Other Business, under request from Romania, the Whistle-blowers' Directive was presented. The EC asked to add under A.O.B. a WG2-related point on radioactive waste arising from non-energy uses of nuclear and radiation technologies. The adopted agenda is attached as Annex I.

## 3. Second Topical Peer Review (TPR-II)

### - Progress Report by Chair of TPR-II Board

HLG-r(2021-43)\_559 Board - Report to ENSREG 43rd Meeting - July 7th 2021\_SCM

- Board orientations and issues for decision by ENSREG
- Interaction with TPR WG1 sub-group (Terms of Reference and organisational matters)
- Nomination of Experts

HLG-r(2021-43)\_555 TPR II - Nominations and competencies for experts - 30.06.2021

The ENSREG Chair reported that the stakeholder seminar on TPR-II organised by WG3 on 22<sup>nd</sup> of June 2021 showed much greater interest in TPR-II in comparison to TPR-I. She recalled that discussions on TPR process, the reporting, and the nomination of experts started in the last 42<sup>nd</sup> ENSREG plenary, and the scope of installations to be reviewed was agreed.

Ms Žiaková emphasised the importance of having suitable and sufficient experts in fire protection. At the time of the meeting, 10 team leaders, 5 rapporteurs and only 20 experts from 13 Member States had been nominated. Despite the request for more nominations during last meeting, no new nominations had been received.

The ENSREG Chair reported that six ENSREG observer countries were invited to voluntarily participate in TPR-II. At the time of the meeting, Switzerland had accepted the invitation. Turkey and United Kingdom expressed their interest to participate in TPR-II during the meeting and Belarus will take their decision on their participation after analysing the Terms of Reference (ToR) and the Technical Specifications. The Chair encouraged other observer countries to join the exercise.

The Chair of the TPR-II Board reported that TPR-II process is in the preparation phase. The subsequent phases would be the national self-assessment, the peer review and the follow-up. The TPR-II Board together with WG1 TPR-II subgroup is drafting the ToR to describe the peer review process while WENRA is drafting the Technical Specifications. A discussion on the open issues followed the presentations of the TPR-II board chair and WG1 Chair.

The TPR-II Board Chair reported that since the last ENSREG meeting, the Board had made good progress in fundamental orientations: country review reports in TPR-II, content of the workshops (thematic sessions and country sessions), and the process for allocation of findings.

It was decided to hold both thematic and country sessions in the workshop format. The ToR will describe the process of defining the findings for both sessions, and their adoption in the final report. The findings will be discussed with countries in country sessions.

The Board has noted that country review reports (CRRs) will add credibility, help to share information, provide input for NAcP, and are a requirement of the Nuclear Safety Directive.

Taking account of views of WG1 sub-group, the Board has identified several pros and cons concerning site visits in TPR-II:

Pros: enable deeper country specific discussion, add credibility, touch upon the visual and operational aspects not discussed in the report, and attract experts.

Cons: demand human and budget resources (EC funded the budget for TPR-I), no representativeness with one visit, deeper discussions possible outside the visits, may question regulatory responsibility.

For the open issues, the Chair of the Board invited **ENSREG to take a position as to whether site visits should take place** and if so, decide on their objectives, their articulation and use in the process, and to which installations they would be organised.

**The Secretariat was invited to send a reminder requesting more experts from participating countries** according to their competencies in thematic areas.

**ENSREG was invited to take a position on whether experts from licensees would be acceptable for the peer review.**

## **- Report by WG1 sub-group TPR on its work, inc. progress with Terms of Reference**

### **HLG-r(2021-43)\_552 WG1 TPR subgroup report to ENSREG July 2021**

WG1 Chair reported that WG1 TPR-II subgroup together with the TPR-II Board are working on the draft of the TPR-II ToR which will be discussed in the WG1 meeting in September 2021 and submitted for ENSREG's approval in the plenary of March 2022. The TPR-II subgroup is led by Spain. France, Germany, Finland, Denmark and Slovakia; WG2 and WG3 representatives are participating in the subgroup as well.

WG1 Chair described how the lessons learned from TPR-I are taken into account in the TPR-II: including greater use/acknowledgment of other benchmarking activities; reinforced self-assessment; improved Board communication with Member States and experts; description of the follow-up phase.

The process for assigning country specific findings still needs to be defined.

Regarding the organisation of the TPR-II workshop, WG1 TPR-II subgroup, supported by WENRA RHWG, will define groups and thematic issues to be addressed, paying attention to the interfaces between the groups.

WG1 Chair recalled that the overall TPR-II process description was approved during the ENSREG plenary of November 2020. The scope was decided in the plenary of March 2021. Following ENSREG's approval of the ToR planned for March 2022, the Technical Specifications and the template for National Reports are expected

to be approved by an ENSREG plenary of June 2022. National reports should be developed and published on the ENSREG website in July 2022 - October 2023. Pre-workshop and TPR-II workshop activities would take place in 2024. Publication of NAcPs is foreseen to be finalised by December 2025.

ENSREG Members congratulated the TPR-II Board and the WG1 TPR subgroup on the preparations of ToR and for their work. The EC representative commended the work done in terms of fulfilling the objectives laid down in the Nuclear Safety Directive.

#### **Discussion on site visits:**

Some Members and Observers had reservations about site visits, while others favoured them, mentioning:

- extra time, preparation and resources needed;
- need to have sufficient experts, having in mind the lack of experts nominated so far;
- clarity of objectives and difficulty to draw conclusions from one visit;
- risk of confusing the role of the national regulator to identify non-conformities with the safety reference levels, and that of the experts during the site visit;
- difficulties to travel during the pandemic and long travelling distances;
- country review sessions are an added feature to be taken into account;
- allow in-depth discussions, a natural part of international peer reviews which add value also for the reviewers;
- opportunity to share practices, identify issues and deepen discussions in the workshop, possibility to receive more accurate information;
- could be conducted to countries that voluntarily invite them, in a way that does not stretch resources;
- could be targeted to specific scenarios, e.g. impact of lifecycle changes (sharing experience of challenges in moving from operation to decommissioning);
- external image of the peer review and the level of rigour and credibility given to the exercise;
- consistency with the stress tests in Armenia, Belarus, where site visits have been included.

The EC Member acknowledged progress with the arrangements, and welcomed thematic and country reviews. He highlighted the added value of site visits as found during the stress tests, reminded of the wider context of EU peer review activities, and expressed the EC's readiness to provide the necessary secretarial and financial support to help with resources.

The TPR-II Board and the WG1 TPR subgroup was invited to prepare a more precise proposal on country sessions in workshops.

Given the divergent opinions, it was agreed not to take a decision at this meeting but to discuss again at the November 2021 plenary on the basis of some options.

Regarding the **participation of licensees' experts**, Members agreed that participation in the peer review sessions should be limited to regulators and TSOs. The TPR-II Board and the WG1 TPR subgroup were invited to define specific criteria for participation of licensees' experts to other TPR-II activities.

#### **ENSREG took note of:**

- **the TPR-II Board's report to the plenary and the WG1 TPR sub-group's report on its work, including progress with ToR.**

#### **ENSREG took the decision to:**

- **Delay any decision on site visits to the next plenary, but in the meantime to**
  - **request WG1 TPR subgroup to develop further the ToR clarifying the thematic and country review sessions;**
  - **request the TPR Board to develop options for a compromise proposal for site visits taking account of ENSREG's views;**
- **invite ENSREG Members and Observers to nominate additional experts from regulatory bodies or from Technical Support Organisations;**
- **not include licensees' experts in the peer review activities, but request the WG1 TPR subgroup to identify activities in the ToR in which licensees could participate.**

- Information from WENRA on progress with TPR-II Technical Specifications

HLG-r(2021-43)\_560 Item 3 - ENSREG 43 - TPR technical specification

The Chair of WENRA reported on the progress with the TPR-II Technical Specifications (TS). An ad-hoc working group was created within WENRA for that purpose. The Chair of the group Mr Kai Weidenbrück is also the vice-Chair of the TPR-II Board. ETSON provides support to the drafting of TS, as well as ENISS will be consulted in order to receive the first feedback from operators.

The TS will include the template and the guidance for the national assessment report. The ad-hoc group is identifying the most relevant structure of TS and the relevant key safety reference levels to be reported on. The range of reference levels covers a broad spectrum of fire protection, taking into account prevention and detection of fire, as well as prevention of spread if fire occurs.

Preliminary TS draft will be discussed with the WENRA Bureau at the end of August 2021, with the heads of regulatory bodies during the WENRA plenary meeting in autumn 2021 and will be presented to ENSREG during the next plenary.

Several Members emphasised the importance of identifying key safety reference levels to focus on.

EC Member raised the question of taking the IAEA work in the field of fire protection into account in the preparation of TS, as IAEA had expressed their interest in participating in TPR-II. The WENRA Chair replied that IAEA reference levels are included in the draft of TS. It was also suggested that IAEA could provide main findings on fire protection from OSART missions as an input to TPR-II.

ENSREG took note of:

- WENRA's progress with developing the TPR-II Technical Specifications.

- Report on First Stakeholders' Engagement Event held 22 June 2021

HLG-r(2021-43)\_554 Stakeholder engagement for TPR

HLG-r(2021-43)\_556 TPR Factsheet 1 - TPR general

HLG-r(2021-43)\_557 TPR Factsheet 2 - 1st TPR

HLG-r(2021-43)\_558 TPR Factsheet 3 - 2nd TPR

The Chair of WG3 reported on the outcomes of the First Stakeholders' Engagement Event held on 22 June 2021. Public interest was much higher compared to TPR-I. The event was very well attended, partially due to the possibility of participating virtually and following the live streaming of the event. The event was followed by several non-EU states, including: Armenia, USA, Ukraine, Morocco, Belarus, and Russia. The morning session focused on the background and objectives of topical peer reviews and the afternoon session – on fire protection. The sessions were followed by panel discussions.

Several issues that arose during the morning session:

- Participation of EU neighbouring countries;
- Positive feedback on Stakeholder focus group received;
- Question on integrating the IAEA specific safety guide SSG-64 (minimizing fire loads) into the TPR-II Technical Specifications raised – WENRA's ad-hoc group drafting the TS undertook to follow the question up;
- Overlap with OSART missions and other peer reviews to be avoided.

The afternoon session was followed by a more technical discussion on the depth and scope of the exercise, monitoring and detection of fire incidents, definition of graded approach, etc.

Overall the event was very well received, fruitful discussions took place and the topic of fire protection appeared to be a significant one.

Afterwards the Chair of WG3 asked for the approval of ENSREG on the content of the three factsheets (Description of the TPR process in general; Conduct and outcome of TPR-I; Explanation on the topic selected for TPR-II). Once graphics will be ready, they would be circulated for adoption through silent procedure. After they would be translated into all national languages and by the end of the year would be ready for sharing with national interested parties.

WG3 is aiming to develop further stakeholder involvement steps, as presented in the previous 42<sup>nd</sup> ENSREG plenary, for discussing in the upcoming plenary.

The EC representative commended the work done by WG3 in preparing the First Stakeholders' Engagement Event and the factsheets. He emphasised the need to maintain the public interest in TPR-II and expressed support to all the activities proposed.

#### ENSREG took note of:

- **the outcomes of the First Stakeholders' Engagement Event held 22 June 2021.**

#### ENSREG took the decision to:

- **agree to the content of the factsheets on TPR and their approval through silent procedure once the graphic design is finalised.**

## **4. A.O.B.**

- Directive (EU) 2019/1937 (Whistleblowers' Directive)

Directive EU 2019\_1937 Whistleblowers

HLG-r(2021-43)\_553 DG JUST presentation on Whistle-blowers' directive

HLG-r(2021-43)\_551 RO - CNCAN - info regarding Directive 2019 - 1937 & nuclear safety regulations

The ENSREG Chair briefly outlined the Whistleblowers' Directive, adopted in October 2019, which has to be transposed by 17 December 2021. The purpose of the Directive is to provide for a high level of protection of persons who report breaches of Union law. The Directive's scope extends to a number of pieces of legislation in the area of radiation protection and nuclear safety including the Nuclear Safety Directive, the Basic Safety Standards Directive, and the Radioactive Waste Directive.

A representative from European Commission, DG JUST, gave a presentation on the scope and content of the Directive, and its procedures for reporting and protection of whistleblowers. The Romanian Member invited ENSREG Members and Observers to share their experience on the transposition of the Directive into the national legislation. ENSREG Chair encouraged Members to take bilateral contacts for exchanging specific guides on the protection of whistleblowers.

**ENSREG took note of:**

- **the information provided by DG JUST, EC, and Romanian nuclear regulator on the Whistleblowers' Directive.**
  - **WG2 Radioactive waste arising from non-energy uses of nuclear and radiation technologies**

A representative from European Commission, DG ENER, drew attention to the importance of WG2's activities in the field of radioactive waste arising from non-energy uses of nuclear and radiation technologies. The activity is part of the ENSREG Work Programme. It is important in relation to the SAMIRA initiative which addresses medical applications of radiation and nuclear technologies and is part of the Europe's Beating Cancer Plan. He stressed the importance of a more active participation in the above mentioned activities and highlighted the need to identify national experts from ENSREG member organisations directly or from the respective public organisations in the countries to support WG2 and EC.

**ENSREG took note of:**

- **the need to increase active involvement in WG2 on the issues dealing with radioactive waste arising from non-energy uses of nuclear and radiation technologies.**
  - **Belarusian stress test final report**

In response to a question from the Lithuanian Member, Mr Tiippana, the Team leader of the Belarus Peer Review, reported that the site visit of the Peer Review Team to the Astravets NPP is foreseen for the last week of August – first week of September. Afterwards, the Team will finalise the report followed by review in the ENSREG Board for Stress Tests in Third Countries. The Chair of ENSREG informed Members that the report would be approved during the next ENSREG plenary in November 2021.

## **5. Next meeting**

**Depending on the development of the Covid-19 pandemic situation, ENSREG's 44th plenary meeting is planned to be held either virtually on the afternoons of 22 and 24 November 2021 or physically on 24 November 2021 in Brussels. ENSREG Members and Observers will be informed on the final decision after the summer break.**

## **Annex I**

### **Agenda 43rd meeting of ENSREG**

#### **Meeting held by Webex conference call**

***7 July 2021 - 13:00 – 15:30 Brussels time***

1. Opening of the meeting, adoption of the agenda
2. Chairperson's introduction
3. Second Topical Peer Review (TPR-II)
  - Progress Report by Chair of TPR-II Board
    - Board orientations and issues for decision by ENSREG
    - Interaction with TPR WG1 sub-group (Terms of Reference and organisational matters)
    - Nomination of Experts
  - Report by WG1 sub-group TPR on its work, inc. progress with Terms of Reference
  - Information from WENRA on progress with TPR-II Technical Specifications
  - Report on First Stakeholders' Engagement Event held 22 June 2021
4. A.O.B
  - Directive (EU) 2019/1937 (Whistleblowers' Directive)
  - WG2 Radioactive waste arising from non-energy uses of nuclear and radiation technologies
5. Next Meeting

## **Annex II**

### **List of Members and Observers**

(Status 17 July 2021)

#### **Members:**

Austria:	Mr A. Molin, Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology Dr V. Ehold, Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology
Belgium:	Mr F. Hardeman, Federal Agency for Nuclear Control Mr M. Demarche, ONDRAF-NIRAS
Bulgaria:	Mr T. Bachiyiski, Nuclear Regulatory Agency of the Republic of Bulgaria Mr B. Stanimirov, Nuclear Regulatory Agency of the Republic of Bulgaria
Commission:	Mr M. Garribba, Deputy Director-General, DG ENER Mr J. Panek, Director for Nuclear Energy, Safety and ITER, DG ENER
Croatia:	Ms M. Klanac, Ministry of the Interior Ms Z. Tečić, Ministry of the Interior
Cyprus:	Mr A. Yiannaki, Ministry of Labour, Welfare and Social Insurance Mr D. Sakkas, Ministry of Labour, Welfare and Social Insurance
Czechia:	Ms D. Drabova, State Office for Nuclear Safety Mr P. Krs, State Office for Nuclear Safety
Denmark:	Ms M. Øhlenschläger, National Institute of Radiation Protection Mr J. Thomsen, Danish Emergency Management Agency
Estonia:	Ms K. Muru, Estonian Environmental Board Mr I. Puskar, Estonian Environmental Board
Finland:	Ms K. Alm-Lytz, Radiation and Nuclear Safety Authority Mr P. Tiippana, Radiation and Nuclear Safety Authority
France:	Mr B. Doroszczuk, Nuclear Safety Authority (ASN) Mr A. Louis, Ministry for the Ecological and Inclusive Transition
Germany:	Dr W. Cloosters, Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU) Mr T. Elsner, Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU)
Greece:	Dr Ch. Housiadas, Greek Atomic Energy Commission (EEAE) Ms E. Carinou, Greek Atomic Energy Commission (EEAE)
Hungary:	Mr S. Hullán, Hungarian Atomic Energy Authority
Ireland:	Dr M. Lehane, Environmental Protection Agency
Italy:	Mr S. Laporta, Institute for Environmental Protection and Research, ISPRA Mr U. Bollettini, Ministry of Economic Development
Latvia:	Ms D. Šatrovska, Ministry of Environment Protection and Regional Development Ms Z. Balode, Ministry of Environment Protection and Regional Development
Lithuania:	Mr M. Demčenko, State Nuclear Power Safety Inspectorate (VATESI) Mr S. Šlepavičius, State Nuclear Power Safety Inspectorate (VATESI)



Luxembourg:	Mr P. Majerus, Ministry of Health Mr G. Lentz, Permanent Representation of Luxembourg to the EU
Malta:	Mr P. Brejza, Commission for the Protection from Ionising and Non-Ionising Radiation Mr J. Cremona, Commission for the Protection from Ionising and Non-Ionising Radiation
The Netherlands:	Mr M. Brugmans, Authority for Nuclear Safety and Radiation Protection Ms A. van Bolhuis, Authority for Nuclear Safety and Radiation Protection
Poland:	Mr L. Mlynarkiewicz, National Atomic Energy Agency Mr M. Koc, National Atomic Energy Agency
Portugal:	Mr J. Oliveira Martins, Portuguese Environment Agency Mr P. Rosário, Portuguese Environment Agency
Romania:	Ms C. Paraschiv, Nuclear & Radioactive Waste Agency
Slovakia:	Eng. M. Žiaková, Nuclear Regulatory Authority of the Slovak Republic Mr M. Turner, Nuclear Regulatory Authority of the Slovak Republic
Slovenia:	Mr I. Sirc, Slovenian Nuclear Safety Administration Mr I. Grlicarev, Slovenian Nuclear Safety Administration
Spain:	Mr J-M Serena, Spanish Nuclear Safety Council Mr R. Cid, Spanish Nuclear Safety Council
Sweden:	Ms N. Cromnier, Swedish Radiation Safety Authority Mr G. Szendrő, Ministry of the Environment

## Observers:

Belarus:	Ms O. Lugovskaya, Gosatomnadzor
Council:	Mr J. Bielecki, Division for Energy and Atomic Questions
IAEA:	Mr G. Caruso, Department of Nuclear Safety and Security
Norway:	Mr H. Mattsson, Norwegian Radiation and Nuclear Safety Authority
OECD NEA:	Ms R. Tadesse, OECD Nuclear Energy Agency
Switzerland:	Mr M. Kenzelmann, Swiss Federal Nuclear Safety Inspectorate (ENSI)
Turkey:	Mr. Dr. Z. Demircan, Nuclear Regulatory Authority of Republic of Turkey (NDK)
Ukraine:	Mr H. Plachkov, State Nuclear Regulatory Inspectorate of Ukraine (SNRIU)
United Kingdom:	Mr M. Foy, Office for Nuclear Regulation of United Kingdom (ONR)
WENRA	Mr O. Gupta

## **Annex III**

### ENSREG 43<sup>rd</sup> Meeting Presence list

#### **Members and experts**

Country	Organisation	Surname	Name
AUSTRIA	Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology	EHOLD	Verena
AUSTRIA	Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology	MOLIN	Andreas
BELGIUM	Federal Agency for Nuclear Control	HARDEMAN	Frank
BULGARIA	Nuclear Regulatory Agency	BACHIYSKI	Tsanko
BULGARIA	Nuclear Regulatory Agency	STANIMIROV	Borislav
CROATIA	Ministry of the Interior	TEČIĆ	Zdravka
CZECHIA	State Office for Nuclear Safety	DRABOVA	Dana
DENMARK	National Institute of Radiation Protection	ØHLENSCHLÆGER	Mette Karin
ESTONIA	Estonian Environmental Board	MURU	Karin
FINLAND	Radiation and Nuclear Safety Authority (STUK)	ALM-LYTZ	Kirsi
FINLAND	Radiation and Nuclear Safety Authority (STUK)	TIIPPANA	Petteri
FRANCE	Ministry for the Ecological and Inclusive Transition	LOUIS	Aurélien
FRANCE	Nuclear Safety Authority (ASN)	DOROSZCZUK	Bernard
FRANCE	Nuclear Safety Authority (ASN)	CHANIAL	Luc
FRANCE	Nuclear Safety Authority (ASN)	ETHVIGNOT	Thierry
FRANCE	Nuclear Safety Authority (ASN)	CADET-MERCIER	Sylvie

Country	Organisation	Surname	Name
FRANCE	Permanent Representation of France to the EU	THEVENOT	Caroline
FRANCE	Permanent Representation of France to the EU	MARABEAU	Gwladys
FRANCE	Ministry for the Ecological and Inclusive Transition	RAUD	Géraldine
GERMANY	Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU)	ELSNER	Thomas
GERMANY	Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU)	KUHN	Sebastian
GERMANY	Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU)	STOPPA	Gisela
GREECE	Greek Atomic Energy Commission (GAEC)	HOUSIADAS	Christos
GREECE	Greek Atomic Energy Commission (GAEC)	CARINOU	Eleftheria
HUNGARY	Hungarian Atomic Energy Authority (HAEA)	BALLER	Barbara
HUNGARY	Hungarian Atomic Energy Authority (HAEA)	NAGY	Szilvia
HUNGARY	Hungarian Atomic Energy Authority (HAEA)	RETFALVI	Eszter
IRELAND	Environmental Protection Agency	LEHANE	Michael
IRELAND	Environmental Protection Agency	FANNING	Andy
IRELAND	Environmental Protection Agency	SMITH	Veronica
ITALY	Institute for Environmental Protection and Research, ISPRA	LAPORTA	Stefano
ITALY	National Inspectorate for Nuclear Safety and Radiation Protection (ISIN)	MATTEOCCI	Lamberto
ITALY	National Inspectorate for Nuclear Safety and Radiation Protection (ISIN)	DIONISI	Mario

Country	Organisation	Surname	Name
ITALY	National Inspectorate for Nuclear Safety and Radiation Protection (ISIN)	TRENTA	Fabrizio
ITALY	National Inspectorate for Nuclear Safety and Radiation Protection (ISIN)	CIPRIANI	Nadia
ITALY	National Inspectorate for Nuclear Safety and Radiation Protection (ISIN)	GIANNONE	Barbara
LATVIA	Ministry of Environmental Protection and Regional Development	ŠATROVSKA	Dace
LITHUANIA	State Nuclear Power Safety Inspectorate (Vatesi)	DEMČENKO	Michail
LITHUANIA	State Nuclear Power Safety Inspectorate (Vatesi)	BRANDIŠAUSKAS	Dainius
LUXEMBOURG	Ministry of Health - Directorate of Health - Department of radiation protection	MAJERUS	Patrick
NETHERLANDS	Authority for Nuclear Safety and Radiation Protection (ANVS)	BRUGMANS	Marco
NETHERLANDS	Authority for Nuclear Safety and Radiation Protection (ANVS)	BOOM	Jurrian
POLAND	National Atomic Energy Agency	MLYNARKIEWICZ	Lukasz
POLAND	National Atomic Energy Agency	KOC	Michal
PORTUGAL	Portuguese Environment Agency	OLIVEIRA MARTINS	João
ROMANIA	National Commission for Nuclear Activities Control (CNCAN)	CIUREA	Cantemir
ROMANIA	National Commission for Nuclear Activities Control (CNCAN)	COCA	Madalina
ROMANIA	National Commission for Nuclear Activities Control (CNCAN)	ION	Mihaela
SLOVAK REPUBLIC	Nuclear Regulatory Authority of the Slovak Republic	ŽIAKOVÁ	Marta
SLOVAK REPUBLIC	Nuclear Regulatory Authority of the Slovak Republic	TURNER	Mikulas

Country	Organisation	Surname	Name
SLOVENIA	Slovenian Nuclear Safety Administration	SIRC	Igor
SLOVENIA	Slovenian Nuclear Safety Administration	GRLICAREV	Igor
SPAIN	Spanish Nuclear Safety Council	CID	Rafael
SPAIN	Spanish Nuclear Safety Council	DE LOS REYES	Alfredo
SPAIN	Spanish Nuclear Safety Council	BALMISA	José Maria
SWEDEN	Swedish Radiation Safety Authority	CROMNIER	Nina
SWEDEN	Ministry of the Environment	SZENDRÖ	Gabor

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## Observers

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Surname	Name	Organisation
<b>LUGOVSKAYA</b>	Olga	Gosatomnadzor, Belarus
<b>BIELECKI</b>	Janusz	Council of the European Union
<b>LERCEL</b>	Bartosz	Council of the European Union
<b>CARUSO</b>	Gustavo	International Atomic Energy Agency (IAEA)
<b>GORASHCHENKOVA</b>	Ganna	State Nuclear Regulatory Inspectorate of Ukraine (SNRIU)
<b>BORZDOVA</b>	Ganna	State Nuclear Regulatory Inspectorate of Ukraine (SNRIU)
<b>GUPTA</b>	Olivier	WENRA
<b>URQUHART</b>	Donald	Office for Nuclear Regulation, United Kingdom
<b>NILSON</b>	Hugo	Swiss Federal Nuclear Safety Inspectorate (ENSI)
<b>ALTEN</b>	Serhat	Nuclear Regulatory Authority of Republic of Turkey (NDK)

## European Commission

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Surname	Name	Directorate General
<b>Garribba</b>	Massimo	Deputy Director General – DG ENER
<b>Panek</b>	Jan	Director for Nuclear Energy, Safety and ITER – DG ENER
<b>Wächter</b>	Gerhard	Assistant to the Deputy Director General – DG ENER
<b>Naudužaitė</b>	Monika	Assistant to the Deputy Director General – DG ENER
<b>Rhein</b>	Hans	Head of Unit/D1 – DG ENER
<b>MacLean</b>	Finlay	Team Leader/D1 – DG ENER
<b>Kravos</b>	Marko	Policy Officer/D1 – DG ENER
<b>Asikainen</b>	Aila	Policy Officer/D1 – DG ENER
<b>Stanevičienė</b>	Rūta	Legal Officer/D1 – DG ENER
<b>Kumžaitė</b>	Eglė	Policy Assistant/D1 – DG ENER
<b>Hübel</b>	Michael	Head of Unit D3 – DG ENER
<b>Jilek</b>	Jan	Deputy Head of Unit D3 – DG ENER
<b>Murphy</b>	Simon	Policy Officer/D3 – DG ENER
<b>Patel</b>	Bharat	Policy Assistant/D3 – DG ENER
<b>Noel</b>	Marc	Project Manager - Scientific / Technical Project Manager - JRC
<b>Farrar</b>	Brian	Deputy Head of Unit - JRC
<b>Pascal</b>	Ghislain	Programme Manager – EU Policies – DG INTPA
<b>Mollica</b>	Maria Rosaria	DG JUST