



Minutes of the 32nd meeting of ENSREG
 3rd June 2016
 Brussels

Participants

ENSREG members from all EU Member States as well as the European Commission, with the exception of Croatia, Cyprus, Denmark, Estonia, Ireland, Latvia and Malta were represented in the meeting. Observers from Norway, the IAEA, and the OECD-NEA were also present as well as representatives from WENRA and HERCA. On Commission side, representatives from DG JRC were also present on top of DG ENER staff.

1. Opening of the meeting and adoption of the agenda

The agenda was adopted with a point added on the Quality Audit of AREVA Le Creusot following a proposal from the ENSREG Chairman.

2. Chairman's introduction and report

[HLG_p\(2011-15\)_76 ENSREG Rules of Procedure](#)

[HLG_p\(2012-21\)_116 ENSREG Working Group Rules of Procedure](#)

The meeting was opened by the ENSREG chairman Mr Pierre-Franck Chevet. He recalled the objectives of the meeting and welcomed the new ENSREG Members and the participation of Mr Magnusson the chairman of HERCA.

The first topic addressed was concerning ENSREG WG4. Following the resignation of the current WG4 chairman and considering the tasks allocated to WG4 in the ENSREG WP2016-2019, ENSREG decided to merge WG4 within WG1 "Nuclear Safety". This will ensure a better coordination of the ENSREG activities in the field within and outside the EU. The chairman of WG1 will make the appropriate arrangements to ensure that the tasks of WG4 and in particular the review of the mid-term INSC programme will be given timely and appropriate attention.

ENSREG took the decision to

Merge WG4 "International Cooperation" within WG1 "Nuclear Safety" to ensure a better coordination of the ENSREG activities in the field within and outside the EU.

3. Topical Peer Review (TPR)

[HLG_r\(2015-32\)_337 ENSREG TPR 2017- WENRA TS presentation](#)

[HLG_r\(2016-32\)_338 ENSREG TPR 2017- WENRA TS DRAFT](#)

[HLG_r\(2016-32\)_326 ENSREG WG1 report to Plenary](#)

[HLG_r\(2016-32\)_325 ENSREG TPR 2017 ToR - Rev 0](#)

Mr Feron, chairman of WENRA RHWG, presented the last developments and the current status of the WENRA Technical Specifications (TS) for this first Topical Peer review on "ageing management". In a proactive manner, the last draft of the WENRA (TS) was submitted to ENSREG Members for comments even if it has not yet been

approved by WENRA. These TS take into account the remarks and proposals made by ENSREG during the 31st Meeting in November 2015.

The key aspects of these Technical Specifications are the following:

- WENRA proposed to focus the first TPR on nuclear power reactors and on a voluntary basis on research reactors (with a power of 50kWth or more)
- The scope should clearly include reactors in operation and under construction
- Plants that are in final shutdown should not be included
- Obsolescence would not be included within the proposal

The first stage of the peer review is to produce a National Assessment Report (NAR).

The first section of the National Assessment Reports to be prepared for this Topical Peer Review will cover the overall Ageing Management Programme (AMP) in place in each country, including requirements, scope, review linked to R&D or Operating Experience, regulatory oversight, etc.

Then specific technical topics will be covered, these topics would be:

- Electric cables
- Concealed pipework
- Reactor Pressure Vessels (PWR, VVER, BWR)
- Calandria/pressure tube (CANDU)
- Concrete containment structures,
- Pre-stressed concrete pressure vessels (AGR)

Mr Feron indicated that contacts have already been taken with ENISS¹ to discuss these TS but this covers only Nuclear Power Plants and that direct contacts would be needed with the national regulators for the research reactors. He indicated as well that WENRA RHWG intends to perform a consultation by email of WENRA members on the draft TS during the summer, to secure WENRA approval of the TS at WENRA Fall 2016 meeting.

Following the presentation made by Mr Feron several ENSREG Members, including the EC, acknowledged the extensive work that has been performed by WENRA RHWG and the significant progress made in the development of the TS. The EC recalled that the timetable is tight and that it needs to be ensured that the TS are approved in autumn 2016 to ensure that the 1st TPR can be started in a timely manner beginning of 2017.

After the presentation, several questions were raised by ENSREG Members; these questions were mainly addressing the following topics:

- Extension of the consultation of WENRA Members to a Public consultation
- Power threshold to be chosen for including research reactors in the TPR
- Level of detail to be provided in the National Assessment Reports and number of examples to be provided (e.g. How many different types of cable to be considered in the review)

Regarding Public Consultation a large consensus was reached on the need to have the consultation organised during this summer to ensure transparency, public acceptance and broader involvement of all the different stakeholders.

Regarding the threshold to be chosen for including research reactors in the TPR, several ENSREG Members pointed out that the approach should be safety focused and that therefore the 50 KWth proposed was too low. Mr Feron as well as the ENSREG Chairman and the EC emphasised that this is a peer review; therefore it is important to be sure that a large number of EU Member States will be included in the process. This answer

¹ European Nuclear Installations Safety Standards Initiative

was also provided to explain why other types of Nuclear Installations, like Spent Fuel reprocessing plants, have not been included in this 1st TPR (too few of these installations in the EU to organise a real peer review).

Several ENSREG Members were also concerned by the fact that providing detailed information for several different types of cables will require a tremendous effort from the licensee and the Regulatory Bodies and were asking for reducing the number of item specifications to be provided.

Mr Feron reported also a request from ENISS, asking for not to include in this 1st Topical Peer Review Nuclear Power Plants which are foreseen to be shut down in the next coming years.

After the presentation made by WENRA, WG1 chairman Antonio Munuera presented the status of the development of the Terms of References (ToR) for the Topical Peer Review. This final draft of the ToR has been reviewed already several times within ENSREG WG1 members and was submitted to ENSREG Plenary for approval.

Regarding the current timetable for this peer review, the national assessment would take place from January 2017 to December 2017, the question and answer phase and desktop review from January to April 2018 and the peer review workshop in May 2018 with an endorsement of the results and associated communication by ENSREG in July 2018.

Following this presentation, the floor was open for questions and discussions. The key topics discussed were the following:

- Stakeholder's involvement and public consultation on the Term Of Reference
- Duration of the Workshop: even extended to 7 days some ENSREG Members still considered it relatively short taking into account the number of topics to be addressed
- Participation of observers from the European Commission in each of the Country and Thematic Review Groups
- Level of detail of the follow-up phase after completion of this peer review, potential preparation of National Action Plans

The EC acknowledged the good work done in the development of the ToR, paving the way for a successful exercise with a credible timetable. The key objectives of this 1st Topical Peer Review are to comply with the Council Directive 2009/71/EURATOM, to share experience between EU Member States and to provide confidence to the public on this topic of "ageing management". To ensure the full credibility of the process, the EC emphasized the importance to end-up not only with general recommendations for safety improvements following the TPR but also with country specific recommendations. The EC called for a process ensuring a detailed follow-up of the finding of this TPR and expressed its position in favour to a public consultation this summer for the TPR TS and ToR.

ENSREG took the decision to:

Confirm that all Nuclear Power Plants in operation and under construction will have to be considered in this 1st Topical Peer Review.

Make it mandatory for EU Member States to include research reactors above 1 MWth in this first TPR and to invite EU MS to include other research reactors and other Nuclear Installations on a voluntary basis.

Invite WENRA to consider the organisation of a Public Consultation on the draft Technical Specifications of this 1st Topical Peer Review in addition to the consultation of the WENRA members.

Invite WENRA to clarify the level of detail needed in the National Assessment Reports and the number of examples to be provided (e.g. for different cable categories).

Agree in principle on the final draft of the Terms of References (ToR) for this first Topical Peer Review (TPR) on "ageing management" under the Council Directive 2009/71/Euratom.

Agree that during the TPR Workshop, which will take place in May 2018, observers from the European Commission will be included in each of the Country and Thematic Review Groups.

Not decide now about all the details of the follow-up phase after the Topical Peer Review but to confirm that a follow-up process will be set-out in due time to ensure openness and transparency during the implementation phase.

Take a final decision on the 1st TPR during its next meeting in November, following completion of the above mentioned steps and after having reviewed the final inputs to be provided by WENRA.

4. Follow-up on key topics of the ENSREG WP 2016-2019 – Topic 1 (c) Safety Objectives

HLG_p(2015-31)_312 ENSREG WP2016-2019 FINAL

The ENSREG chairman introduced the agenda point regarding Topic 1 of the ENSREG WP 2016-2019. David Senior (UK) was invited to present the situation in WENRA regarding this aspect. He explained that following the request made by ENSREG during the 31st meeting and in line with the ENSREG Work Programme (WP) 2016-2019 Topic 1 (c), WENRA took the decision during their meeting in Vienna – 13- 14 April 2016 to establish an ad-hoc group to elaborate a position paper on the question on “timely implementation of reasonably practicable safety improvements to existing nuclear power plants” (second part of the article 8 a) of the revised Nuclear Safety Directive”. This group will be chaired by the UK (David Senior) and be composed of Finland, Germany, France, Hungary and Switzerland. Canada will also participate to the group as an observer. A first draft document will be elaborated by the WENRA Fall Meeting 2016. The final document will be ready by the WENRA Spring meeting in 2017 ahead of the CNS. David Senior will report about the progress made on this topic during the next ENSREG Meeting in November 2016.

ENSREG welcomed the creation within WENRA of an ad-hoc group to elaborate a position paper on the question on “timely implementation of reasonably practicable safety improvements to existing nuclear power plants.

The EC recalled that following the Vienna declaration adopted in February 2015, the contracting parties to the Convention on Nuclear Safety will have to report on the topics covered by this Vienna declaration in the frame of the next CNS peer review meeting in 2017. Working on a common EU position on the Safety Objective ahead from the CNS 2017 is a very important topic. The EC welcomed that WENRA has set up a group; long asked for, on this key issue. The EC congratulated ONR for taking leadership and asked for timely conclusions of the work of this group in time for the CNS. This was acknowledged by several ENSREG Members.

ENSREG took the decision to:

Welcome the creation within WENRA of an ad-hoc group to elaborate a position paper on the question on “timely implementation of reasonably practicable safety improvements to existing nuclear power plants.

Launch a process for developing a common view on the Art. 8a of the Nuclear Safety Directive 2014/87/EURATOM ahead of the IAEA CNS 2017.

5. HERCA-WENRA approach follow-up – result of the survey – Workshop in Slovenia

HLG_r(2016-32)_330 Report on HERCA-WENRA approach survey – ppt
HLG_r(2016-32)_331 Report on HERCA-WENRA approach survey - report

P. Majerus (LUX) presented the results of the survey and the foreseen workshop on the HERCA-WENRA approach (HWA), which will take place in Slovenia (Bled) 13-15 June 2016.

The questionnaire was distributed on 14th December 2015 to all member organisations of ENSREG and the HERCA (WENRA) member authorities of the 3 non-EU countries, Switzerland, Norway and Iceland. All together 31 countries received it.

Main conclusions of the survey:

- The first level of preparation [Evacuation up to 5 km, ITB up to 20 km] is implemented or at least considered in most countries.
- The second level of preparation [Extension of evacuation up to 20km, ITB up to 100 km] is fully/partially implemented or agreed by most countries which submitted relevant information.
- Some countries already expressed difficulties in extending the radius for the implementation of protective actions. These difficulties concern both protective actions.

The main issue developed concerns NPPs for which extension would lead to areas located in neighbouring countries.

A second issue is related to difficulties in exchanging with national civil protection competent authorities.

The survey has shown that a process of HWA implementation is in place in nearly all the countries, mainly in the framework of the on-going transposition work of the Euratom BSS directive. Given this situation, member states will be able to provide more concrete information on the HWA implementation status once these transposition works have been completed.

It will therefore be important to continue multilateral exchanges and coordination during the implementation processes.

In this framework, the workshop to be held on 13-15 June 2016 in Bled (Slovenia), jointly organized by HERCA and WENRA, with participation of the civil protection national competent authorities, will provide a useful platform to discuss issues related to the implementation and may resolve some of the misunderstandings. 75 representatives have registered to this Workshop from 23 countries.

Some countries like France expressed their support to the HERCA-WENRA approach but consider that a full alignment of the protective measures taken by another Member States in case of emergency is not compatible with the need for the local civil protection services to keep some freedom of action.

The EC expressed its support to the HERCA-WENRA approach and to the Luxembourg Presidency Conclusions in the field of EP&R and reminded that these aspects will be closely looked at in the framework of the transposition of the Euratom BSS directive.

ENSREG took the decision to

Maintain close coordination between HERCA & WENRA and ENSREG and requested the outcomes from the HERCA-WENRA workshop to be presented at the ENSREG 2016 autumn meeting.

Highlight that collaboration with the civil protection competent authorities should be enhanced and that in the medium-term similar coordination is to be expected with regional and local level of government.

6. ENSREG Conference 2017

The ENSREG Chairman recalled that it is time to start preparing the next ENSREG Conference (target date: Spring-Summer 2017) and asked for ENSREG Members contributions.

Regarding organisational aspects, a Steering Committee should be created. France is ready to chair this Steering Committee with Frédéric Joureau, who will replace Stephane Pailler after the 1st September 2016. UK is candidate to be member of the Steering Committee. Other ENSREG members should express their interest in joining the Steering Committee.

ENSREG took the decision to

Initiate the preparation of the ENSREG Conference 2017 and to appoint Mr. Petteri Tiippana (FI) as chairman of the conference

Appoint Mr Frédéric Joureau (FR) (who will replace Stephane Pailler after the 1st September 2016) as chairman of the Steering Committee of the ENSREG Conference 2017

7. Recent developments regarding LTO and NPP restart in Europe (Belgium, France)

HLG_r(2016-32)_329 Long Term operation in Belgium

HLG_r(2016-32)_336 Presentation PFC_4th PSR + LTO_final

A detailed presentation of the situation in Belgium regarding LTO for Doel1&2 and Tihange 1 NPPs and restart of Tihange 2 and Doel 3 NPPs was made by J. Bens (FANC). He emphasized in particular the effort made by FANC to organise several meetings and seminars with the public and EU neighbouring Member State representatives since the beginning of 2016 to explain the situation and reply to questions.

Following this presentation several ENSREG Members intervened. Regarding LTO for Doel1&2 and Tihange 1 NPPs no more follow-up was required by ENSREG members. Regarding restart of Tihange 2 and Doel 3 NPPs, Germany highlighted that despite the very good collaboration with Belgium and the time devoted by FANC to reply to German questions, further investigations would be needed and that research projects should be initiated (under the umbrella of the NEA) on Reactor Pressure Vessels of NPPs that will be decommissioned to try to better understand some of the physical phenomena identified during the studies performed for Tihange 2 and Doel 3 NPPs.

France recalled that in line with the Nuclear Safety Directive, "*Member States shall ensure the effective independence from undue influence of the competent regulatory authority in its regulatory decision-making*". This applies within each country but also for one regulatory authority towards another.

Following questions from the ENSREG members about the major lessons learned from these different cases, Jan Bens indicated that the major lesson learned for him is that "political instability can have a safety impact". One main example he gave was linked to the difficulties for the licensee to maintain the correct staffing levels and skills when the situation of some NPPs is continuously changing from operating to shutdown and vice versa.

Austria highlighted that defining "what is safe enough" for a Nuclear Installation is very difficult and that different views exist.

The EC acknowledged the open approach of FANC on these subjects and the excellent cooperation of FANC with other countries and with EC services.

After the FANC presentation, the ASN Chairman presented the French situation regarding LTO with a special focus on the 4th Periodic Safety Review of the 900 MWe fleet.

The three main goals of this PSR process in France are:

- Operate a conformity check with current safety requirements
- Check the ageing management programs
- Improve the safety of the installation with regards to the new safety objectives: currently Gen. 3+ (EPR type) objectives.

The ASN Chairman highlighted that one of the key challenges for France but also for other EU countries in the coming years are "*GEN III reactor(s) will be commissioned with significant safety improvements achieved and to compare those with reactors currently in operation (especially concerning potential radioactive releases from accidents with core melt). How to accept continued operation of existing reactors after their PSRs, given that new designs comply with more stringent safety objectives?*"

One important point regarding this PSR process in France is that a public inquiry has been made mandatory by law after the licensee has issued its PSR report and before the ASN reviews and takes a position on it.

The ASN chairman indicated that ASN would have to review 34 PSR reports in the next 10 years and that an increase of staff is needed both on ASN and IRSN side to perform this huge work.

The EC congratulated ASN for its open approach on the LTO topic and in particular for enshrining in the process the improvement of the safety of the installation with regards to the new safety objectives currently applicable to Gen. 3+ (EPR type) NPPs as per the revised Nuclear Safety Directive 2014/87/Euratom.

The different discussions after both presentations highlighted the importance to define a more common approach for LTO within ENSREG.

[ENSREG took the decision to](#)

[Intensify the work on Long Term Operation within ENSREG in line with the ENSREG WP2016-2019.](#)

8. Review of the WGs activities since previous meeting

8.1 WG1

[HLG_r\(2016-32\)_326 ENSREG WG1 report to Plenary](#)

The main topics of the presentation were already discussed before as it concerned the Topical Peer Review. The other point related to IRRS Missions was not addressed during the meeting. There was only one comment from Greece about the IRRS table indicating that a full IRRS Mission will take place in Greece in 2017 and not in 2018, no other comments were made by the ENSREG members about the WG1 presentation that was accessible to them on CIRCABC since 2 weeks.

8.2 WG2

[HLG_r\(2016-32\)_334 ENSREG WG2 report to Plenary](#)

[HLG_r\(2016-32\)_332 ENSREG WG2 Workshop 2016 - draft ToR](#)

[HLG_r\(2016-32\)_333 ENSREG WG2 Workshop 2016 - draft Flyer](#)

The WG2 chairman, Bengt HEDBERG, reported on the work done since previous ENSREG meeting. He focused on the WG2 workshop on "Member State's lessons learned from notification of National Programmes and from reporting under the Directive 2011/70/Euratom". The Workshop will be held in Oldbury Technical Centre (UK) from 25 to 27 October 2016. A draft ToR and a flyer have already been developed for this Workshop and were submitted to the ENSREG Members for review.

He described as well the ongoing work regarding a potential collaboration with the Decommissioning Funding Group (DFG) on financial issues related to decommissioning, Spent Fuel & Radioactive Waste management [ENSREG WP2016-2019 topic 2(a) 3] and talked about the Peer Reviews under the 2011/70/Euratom [ENSREG WP2016-2019 topic 4(c) 1&3].

Regarding peer reviews under the Nuclear Safety Directive (IRRS Missions) and the Radioactive Waste and Spent Fuel Directive (ARTEMIS Missions) the target is for WG2 to prepare with WG1 an integrated table which will provide a complete overview of these missions in the EU Member States for the years to come. The aim is to have something ready for the next ENSREG Meeting in November 2016. Some discussion took place regarding the IRRS/ARTEMIS contact points and the EC requested contact points in each country for the Directive 2011/70/Euratom.

An IAEA workshop on ARTEMIS missions will take place beginning of July 2016. This meeting should allow clarifying some issues regarding IRRS and ARTEMIS missions and streamline reporting requirements for the Member States in these areas.

Regarding contact points, the EC clarified that a contact point is indeed needed in each EU Member State for the implementation of the Directive 2011/70/Euratom. The contact points are nominated through the countries' permanent representations in Brussels. The EC also emphasized the need of having a close collaboration and complementarity between the workshop to be organised by WG2 and of 2016 and the one to be organised by DG ENER in 2017.

[ENSREG took the decision to](#)

[Agree to the revised Terms of Reference for the WG2 workshop on "Member State's lessons learned from notification of National Programmes and from reporting under the Directive 2011/70/Euratom"](#)

[Agree to distribute the announcement/flyer of this Workshop](#)

Nominate Bengt HEDBERG as chair for the workshop

Agree to the WG2 approach for potential collaboration with Decommissioning Funding Group (DFG) on financial issues related to decommissioning, Spent Fuel & Radioactive Waste management (i.e. to consolidate and summarize in a “non-paper” the current status for past and ongoing activities (EC, IAEA, OECD/NEA) as a basis for discussion on how to proceed).

8.3 WG3

HLG_r(2016-32)_327 ENSREG WG3 report to Plenary

HLG_r(2015-31)_319 Current Community and International Law with relevance to Transparency - Working Paper_update

HLG_r(2016-32)_328 Review of the rulings of the ACCC (Aarhus) and the ECIC (Espoo)_transparency_findings

The WG3 chairman, Christos Housiadas, reported on the work done since previous ENSREG meeting. The main points presented were:

- New ENSREG Website
- Development of a communication plan for ENSREG
- Status of the document “Current Community and International Law with relevance to Transparency”
- Document “Review of the rulings of the ACCC (Aarhus Convention Compliance Committee) and the ECIC (Espoo Convention Implementation Committee)”

Regarding the new ENSREG Website which has been launched this spring, the WG3 chairman outlined that the first objective should be to update the content, in particular the country specific information and to post on the ENSREG Website the survey questionnaire that has been already prepared.

For the Development of a communication plan for ENSREG, the main question was related to a one-way information or a two-way communication. Several ENSREG Members expressed their preference for a two-way communication but with some caution and using a gradual approach.

Regarding the two documents presented by WG3, document “Current Community and International Law with relevance to Transparency” and “Review of the rulings of the ACCC (Aarhus Convention Compliance Committee) and the ECIC (Espoo Convention Implementation Committee)”, some strong comments were made by ENSREG Members.

It was clarified by Austria that these documents should remain a compilation of information and not interpretation documents and should serve only as background documents for the development of the ENSREG WG3 work and something that we can learn from.

The EC also clearly emphasised that before discussing about a one way or a two way communication, what is needed for the ENSREG website is to improve the content and to develop a strategy for a transition from a one way to a two way communication.

ENSREG took the decision to

First support the improvement of the content of the new ENSREG website which has just been launched in spring 2016 before launching a survey questionnaire on this new website.

Go for a two-way communication but with some caution on the ENSREG communication plan

To ask for more comments by ENSREG Members on the two documents “Current Community and International Law with relevance to Transparency” and “Review of the rulings of the ACCC (Aarhus Convention Compliance Committee) and the ECIC (Espoo Convention Implementation Committee)”

Keep these two documents as purely ENSREG internal documents and to not make them public

8.4 WG4

Nothing to report since last ENSREG meeting. So chairman's introduction and report.

ENSREG took the decision to

Merge WG4 "International Cooperation" within WG1 "Nuclear Safety" to ensure a better coordination of the ENSREG activities in the field within and outside the EU.

9. Stress Tests in Armenia, Belarus and Iran

The EC presented the situation regarding the Stress Tests peer reviews in non EU countries (Topic 4(b) of the ENSREG WP2016-2019).

Armenia:

In August 2015, the Armenian Nuclear Regulatory Authority (ANRA) submitted to the Directorate-General for Energy of the European Commission for peer review its National Report on Stress Tests performed for the Armenian Metsamor NPP.

The Armenia National Report was transmitted to ENSREG Members the 10th February 2016.

A EU Peer Review team composed of 10 experts (8 from EU Members and 2 from the EC) was established based on ENSREG Members proposals the 15th March 2016.

The desktop review of the Armenian National Report took place from the 15th March to the 15th April and all questions (around 200) were sent to Armenia Regulatory Authority (ANRA) on the 31st April 2016.

A 1 day pre-meeting between the different members of the EU peer review team was organised in Luxembourg on the 28 April 2016 to ensure an optimal preparation of the mission to Armenia in June.

The Peer Review Mission to Armenia (1 week, including a 1 day visit to the Metsamor NPP) will take place between the 20th and the 24th June 2016.

Belarus:

An exchange of letters has taken place between the Ministry of Energy of the Republic of Belarus and the Directorate-General for Energy of the European Commission in late 2015 - beginning of 2016 about the stress tests of the Ostrovets Nuclear Power Plant (NPP).

In its latest letter, the Ministry of Energy of the Republic of Belarus indicated that upon conclusion of the national part of the Ostrovets NPP stress test process, the national report will be presented to the Directorate-General for Energy (report scheduled to be submitted in 2016-2017). Therefore the organisation of a Stress Tests peer review similar to the ongoing one in Armenia is expected to take place sooner than indicated in the ENSREG WP2016-2019. The EC is maintaining close contact with the Belarusian counterpart and with the ENSREG Members to ensure the organisation of the peer review in a timely manner. A meeting to exchange information about the situation in Belarus regarding the construction of Ostrovets NPP took the 26th May 2016 place between Lithuanian authorities and the European Commission services. The EC is also planning a technical mission to Belarus in the coming months to discuss progress. This Mission should include representatives from different EC DGs (ENER, DEVCO, JRC, etc.). Lithuania requested the Stress Tests peer review to be organised as soon as possible and would like that topics, like Emergency Plan and Response, are discussed on top of the Stress Test.

Turkey:

Nothing to report.

Iran

Following the agreement reached with the Islamic Republic of Iran on the 14th of July 2015: the Joint Comprehensive Plan of Action (JCPOA), discussions have started between the EU and the Islamic Republic of Iran to extend collaboration on civil nuclear topics. The EU, as facilitator of the E3+3 Process, attaches the highest importance to the implementation of the JCPOA's Annex III on nuclear cooperation.

DG DEVCO in collaboration with DG ENER is organising a Workshop on EU Stress Tests for Iranian stakeholders (Iranian Nuclear Regulatory Authority (INRA) and representatives from Bushehr NPP).

The workshop will take place on 13-14 June in Brussels.

Following EC request, ENSREG members have nominated several EU experts (UK, AT, SK) to participate to this WS.

10.AOB**HLG_r(2016-32)_340 Quality Audit AREVA Le Creusot**

The main point presented under this topic was the situation regarding the quality Audit in Areva Le Creusot. A presentation was made by the ASN Chairman.

Following the detection of an anomaly on the Flamanville EPR reactor vessel, and at the instigation of ASN, AREVA initiated in April 2015 a quality review on the manufacturing work carried out in its Creusot Forge plant. Its conclusions were sent to ASN in October 2015.

ASN considered that this relatively superficial review, which only went back as far as 2010, was insufficient and did not give a complete picture of the organisation and practices at Creusot Forge, the quality of the parts produced and the safety culture prevailing within the plant. At the end of 2015, ASN asked AREVA to take the process further and go back to at least 2004, which was when the first parts intended for the EPR were manufactured.

On 25th April 2016, AREVA informed ASN of the initial results of this additional analysis. They revealed irregularities in the manufacturing checks on about 400 parts produced since 1965, about fifty of which would appear to be in service in the French NPPs. These irregularities include inconsistencies, modifications or omissions in the production files, concerning manufacturing parameters or test results.

ASN asked AREVA to send the list of parts concerned as fast as possible, along with an assessment of the consequences for the safety of the facilities, jointly with the licensees concerned.

The review process will need to be seen through to completion in order to assess all the anomalies which may have affected past manufacturing operations and draw any relevant conclusions regarding the safety of the facilities.

ASN has started receiving the information from AREVA (50 analyses already received from the 60 cases identified on the operating fleet in France). ASN is currently reviewing the files. ASN has just recently provided a detailed update of the situation in France regarding this issue (<http://www.french-nuclear-safety.fr/Information/News-releases/Irregularities-detected-in-Areva-s-Creusot-Forge-plant>).

Some ENSREG Members asked more information about the type of anomalies identified, the ASN Chairman clarified this point. ONR (UK) indicated that they have received information on this topic from EDF Energy but that Sizewell B seems not to be affected by any components where anomalies have been detected. BMUB (DE) indicated that so far they have not received information from its licensees on this topic.

ASN has also asked AREVA to extend its quality audit to other manufacturing facilities (Jeumont and St Marcel). It is expected that one year will be needed to have a complete view of the situation for all the AREVA manufacturing facilities.

The EC thanked the ASN Chairman for the transparency and the timely information provided on this topic and asked how to ensure regular information to ENSREG members on this issue. The ASN Chairman indicated that he is only informed about the files which concern the French fleet and that AREVA is dealing directly with its

customers outside France. ASN is anyway maintaining an open dialog on the topic with the other Regulatory Bodies which could be concerned. ONR (UK) confirmed that this dialog was ongoing with ASN (FR).

ENSREG took the decision to

Continue to closely follow the results of the quality Audit in Areva Le Creusot and its extension to the other AREVA manufacturing facilities (Jeumont and St Marcel).

11. Next meeting

ENSREG 33rd plenary Meeting

10 NOVEMBER 2016 in Brussels or Luxembourg

Annex I
European High Level Group
on Nuclear Safety and Waste Management

32nd meeting of ENSREG

Agenda

3rd June 2016 (09:30 – 17:00)

Room AB-2C, Albert Borschette building
36, rue Froissart, 1049 Brussels, Belgium

1. Opening of the meeting and Adoption of the agenda
2. Chairman's introduction and report
3. Topical Peer Reviews 2017
 - 3.1. WENRA presentation of the status of the Technical Specifications of the 2017 TPR on "Ageing Management" [F Feron]
 - 3.2. ENSREG WG1 presentation of the ToR for the 2017 TPR exercise [A Munuera]
 - 3.3. Discussions and decision on the process and technical content of the 2017 TPR
4. Follow-up on key topics of the ENSREG WP 2016-2019 – Topic 1 (c) Safety Objectives [PF Chevet]
5. HERCA-WENRA approach follow-up – result of the survey – Workshop in Slovenia [P. Majerus]
6. ENSREG Conference 2017
7. Recent developments regarding LTO and NPP restart in Europe (Belgium, France) [J. Bens (FANC) and PF Chevet (ASN)]
8. Review of the WGs activities since previous meeting
9. Stress Tests in Armenia, Belarus and Iran
10. A.O.B
11. Next Meeting

Annex II

ENSREG 32nd Meeting Presence list

COUNTRY	SURNAME	NAME	COMPANY
AUSTRIA	Molin	Andreas	Federal Ministry of Agriculture, Forestry, Environmental and Water Management
BELGIUM	Bens	Jan	Federal Agency for Nuclear Control (FANC)
BULGARIA	Stanimirov	Borislav	Bulgarian Nuclear Regulatory Agency (BNRA)
	Rogatchev	Alexander	
CZECH REPUBLIC	Krs	Petr	State Office for Nuclear Safety
FINLAND	Tiippana	Petteri	Radiation and Nuclear Safety Authority (STUK)
FRANCE	Chevet	Pierre-Franck	Autorité de Sûreté Nucléaire (ASN)
	Paillet	Stéphane	
	Clos	Adeline	
	Berdouz	Hakima	
	Hovine	Laetitia	Industrie Nucléaire du Ministère de l'Écologie, de l'Énergie et de la Mer
	Gillet	Guillaume	Représentation permanente de la France auprès de l'Union européenne

COUNTRY	SURNAME	NAME	COMPANY
FRANCE	Veteau	Lucie	Représentation permanente de la France auprès de l'Union européenne
GERMANY	Vorwerk	Axel	Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety
	Kuhn	Sebastian	
GREECE	Housiadas	Christos	Greek Atomic Energy Commission (EEAE)
	Tafili	Vasiliki	
HUNGARY	Hullán	Szabolcs	Hungarian Atomic Energy Authority
ITALY	Laporta	Stefano	ISPRA, Institute for Environmental Protection and Research
	Matteocci	Lamberto	ISPRA, Institute for Environmental Protection and Research
LITHUANIA	Demčenko	Michail	State Nuclear Power Safety Inspectorate (VATESI)
LUXEMBURG	Majerus	Patrick	Ministry of Health, Luxemburg
The NETHERLANDS	van den Heuvel	Jan	Authority for Nuclear Safety and Radiation Protection (ANVS)
	Jansen	Rob	
POLAND	Przybycin	Andrzej	National Atomic Energy Agency, Poland

COUNTRY	SURNAME	NAME	COMPANY
PORTUGAL	de Sá Fanseca	Antonió C.	Comissão Reguladora para a Segurança das Instalações Nucleares
SLOVAK REPUBLIC	Turner	Mikulas	Nuclear Regulatory Authority of the Slovak Republic
SLOVENIA	Stritar	Andrej	Slovenian Nuclear Safety Administration
SPAIN	Munuera	Antonio	Spanish Nuclear Safety Council (CNS)
	Marti Scharfhausen	Fernando	
SPAIN	de los Reyes	Alfredo	Spanish Nuclear Safety Council (CNS)
SWEDEN	Persson	Mats	Swedish Radiation Safety Authority
	Carlsson	Lennart	
	Hedberg	Bengt	
UNITED KINGDOM	Senior	David	Office for Nuclear Regulation (ONR)
	Bibby	Liz	
UNITED KINGDOM	Thornhill	Simon	Office for Nuclear Regulation (ONR)
ICELAND	Magnusson	Sigurður	<i>Icelandic Radiation Safety Authority</i>

Bieleck	J	Council of the European Union
Caruso	Gustavo	IAEA, Nuclear Safety and Security Department
Feron	Fabien	WENRA
Mattsson	Hakan	Norwegian Radiation Protection Authority
Siemann	Michael	OECD - Nuclear Energy Agency (NEA)

EUROPEAN COMMISSION	Thomas	Gerassimos	Deputy Director General – DG ENER
	Klement	Stephan	Head of Unit/D1 – DG ENER
	Pascal	Ghislain	Policy officer/D1 – DG ENER
	Pouleur	Yvan	Policy officer/D2 – DG ENER (morning)
	Abousahl	Said	Head of Unit/A4 – DG JRC
	Martin- Ramos	Manuel	Policy officer/ A4 – DG JRC