

RAPPORTEURS' REPORT - ROMANIA
ENSREG NATIONAL ACTION PLANS WORKSHOP

1.0 **ASSESSMENT OF THE STRUCTURE OF NATIONAL ACTION PLAN**

1.1 Compliance of the national action plan with the ENSREG Action Plan:

Romania has followed in its National Action Plan (NAcP) the structure proposed in the ENSREG generic plan. The NAcP has provided an update of the activities performed and planned by the licensee and by the regulator after the Stress Tests and Peer Reviews in the three main topics covered in these processes. In this update the different considerations about the ENSREG's Compilation of recommendations document as well as of the Country Peer Review report, including the plant visit, and the relevant aspects of the 2nd extraordinary meeting of the Convention on Nuclear Safety (CNS) have systematically and directly addressed.

1.2 Adequacy of the information supplied, taking into account the guidance provided by ENSREG.

The NAcP elaborated by the country follows the ENSREG guidance quite closely. The report contains two short introduction chapters ("Introduction" and "General Information about the Action Plan Post-Fukushima"), and four additional chapters ("Parts") containing detailed information about the action plan.

Part I and Part II describe in an orderly manner the actions related to Topics 1-3, and Topics 4-6, Part III contains a short section for "Conclusions and generic activities" and, finally, Part IV incorporates four detailed tables describing: Table 1, the Romanian Action Plan; Table 2, the correspondence between Country peer review recommendations and the improvements outlined in Table 1; Table 3, the correspondence between ENSREG generic compilation of recommendations and the improvements outlined in Table 1; and Table 4, the correspondence between CNS 2nd Extraordinary Meeting Summary Report and the improvements outlined in Table 1.

2.0 **ASSESSMENT OF THE CONTENT OF NATIONAL ACTION PLAN**

2.1 How has the country addressed the recommendations of the ENSREG Action Plan?

The aspects from the “national action plan table 2012-10-16”, the NAcP guidance document compiling the ENSREG and CNS recommendations, have been covered. In particular, the topics from the ENSREG’s document “Compilation of Recommendations and Suggestions” have been explicitly referenced to with some few exceptions that were well clarified during the workshop (in some cases by precise reference to the content of the Romania Stress Tests Final Report).

2.2. Schedule of the implementation of the NAcP

All the planned improvement actions are scheduled to be completed no later than end of 2015, which must be considered a very positive aspect of the Plan. The completion of the improvement measures is scheduled as follows: at this moment, 15 measures are already implemented, 13 will be finished this year, other 9 will be completed in 2014, 4 are scheduled for 2015 and the remaining 2 (out of 43) are considered pending on EU-actions or as a “continuous activity”. It is important to remark that no very relevant back fitting measures are scheduled for the long term (2015).

2.3 Transparency of the NAcP and of the process of the implementation of the tasks identified within it.

The NAcP informs comprehensively and well understandable how the NPPs in the country shall be improved in the aftermath of Fukushima according to the National assessments, the recommendations and suggestions of the European Stress Tests and the conclusions of the CNS process. The implementation schedules are clearly provided.

The NAcP is accessible, in English language, on the regulator’s website.

2.4 Commendable aspects (good practices, experiences, interesting approaches) and challenges.

The clear program of work and the ambitious proposed schedule (ending by end of 2015) demonstrate a strong commitment to improve the safety of the Romanian NPP in the light of the events of Fukushima.

The following aspects of the NAcP are also considered commendable:

- The priority on the external electric power supply recovery to the NPP is considered a good practice.
- Building a new on-site emergency center, which is seismically robust and protected against external hazards as well as the development of a new off-site emergency control center located away from the site are good practices.

- The prompt implementation of relevant containment protection measures (PARs, seismically qualified filtered venting).

Romania considers the enhancement of instrumentation and monitoring under severe accident conditions (especially in the long term) as a challenge. (ENSREG Recommendation 3.2.5)

3.0 PEER-REVIEW CONCLUSIONS

The NAcP informs comprehensively and well understandable how the NPP will be improved in the aftermath of Fukushima according to the National assessments, the recommendations and suggestions of the ENSREG Peer Reviews carried out after the Stress Tests, the conclusions of the CNS process and other sources.

The NAcP follows the structure proposed by ENSREG and covers all aspects specified in the ENSREG Action Plan, with some exceptions that were clarified during the workshop.

The NAcP – along with all EU stress test documents – is accessible on the regulator's website in English language.

The implementation of improvement measures is clearly scheduled, and the ending date of the process (2015) is considered ambitious and commendable.

Romania considers the enhancement of instrumentation and monitoring under severe accident conditions (especially in the long term) as a challenge. (ENSREG Recommendation 3.2.5)

During the workshop several other good practices have been identified in the NAcP. These are e.g. the construction of a new on-site emergency center, which is seismically robust and protected against external hazards as well as the development of a new off-site emergency control center located away from the site or the prompt implementation of relevant containment protection measures as passive autocatalytic recombiners and seismically qualified filtered venting.