



# ASN expectations and lessons learned from the IRRS mission

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## France IRRS mission

Requested by ASN in 2005.

Performed

- from 5 to 17 November 2006
- by 16 international experts and 2 observers

Coordinated by 6 IAEA staff members

At the time when ASN changed status.

1<sup>st</sup> full scope mission covering all activities of ASN including provisions for public information.



# France IRRS mission

The IRRS team identified:

- 40 good practices
- 49 suggestions
- 35 recommendations

The full extent IRRS audit report is available on [www.asn.fr](http://www.asn.fr) website.



# ASN action plan

ASN action plan launched beginning of 2007:

~ 100 actions (1/3 important) spread over the following topics:

- Legislative and governmental responsibilities (6%)
- Responsibilities, functions, organization and management of ASN (15%)
- Activities of the regulatory body (79%):
  - Regulations and guides (25%)
  - Review and assessment (20%)
  - Inspection and enforcement (15%)
  - Authorization (13%)
  - Emergency preparedness (5%)
  - Infrastructure for radioactive waste management (1%)

Followed-up regularly by the DG.

**Internal audit of all the recommendations made by the IRRS team set-up end of september 2008 → mid-november 2008.**



# IRRS follow-up mission

- Will take place March 30 → April 3<sup>rd</sup> 2009.
- Team of 10 international experts.  
Same team leader: L. Creswell.  
Same IAEA coordinator: G. Carruso.
- Preparatory meeting 14 November 2008 in Paris with the team leader and the coordinator.



# IRRS follow-up mission

- 1) action plan follow-up
- 2) review on specific topics
- 3) policy discussions

## 1) **action plan follow-up:**

- ASN internal audit → allows ASN to get ready
- report will be transmitted to IAEA
- ~ 2 months before the follow-up mission

## 2) **review on specific topics:**

- ✓ Radiotherapy (regulatory activities)
- ✓ Security of radioactive sources (full scope)



# IRRS follow-up mission

## 3) Policy discussions:

### ASN suggestions:

- nuclear medical issues
- responsibility distribution between an independent regulatory body, the government and the parliament
- conditions in which a regulatory body calls another regulatory body or a foreign TSO





# Expectations

ASN had 3 main expectations from the IRRS mission:

- To review its organization and practices
- To share its good practices
- To support IRRS mission program.

Globally satisfactory.

## Lessons learned

- To review its organization and practices in order to improve ASN efficiency  
→ **the follow-up mission is important.**
  
- ASN status changed at the time of the mission. The IRRS team recommendations accompanied the transformation  
→ **an IRRS mission brings helpful outputs when/after an important change happens**
  
- Part of the recommendations concern several entities  
→ need of internal coordination  
[work to be completed on the review and preparation of orders and guides to further incorporate IAEA standards and WENRA reference levels]
  
- Transparency → the follow-up audit report will be available on ASN website.

## Conclusions

- ASN supports IRRS program
- The whole IRRS process is important (full scope mission + follow-up mission) and should be renewed periodically (6-10 years). Targeted mission in case of important change.
- Importance for the safety authorities to provide experts for the IRRS teams
- Optimization between audit reports and national reports for the review meetings of the Convention on nuclear safety
- The importance to receive an IRRS mission could be stressed in a European directive