

Questions for French Regulators

1. How many plants have had tritium leaks and to what extent?
2. Are violations issued when effluent leaks and/or spills occur? (or are violations only issued for failing to survey and assess leaks?)
3. Is onsite environmental monitoring required for leaks? Is there any guidance on environmental monitoring or radioactive material? If so, is a copy available?
4. Is there a standard for "significant" leaks and spills? (Decommissioning implications, 10 CFR 50.75(g))
5. What types of requirements are in place for recording spills and leaks to facilitate decommissioning?
6. After the detection of leak(s), are nuclear power plants required to remediate? What are the standards for remediation?
7. Are there regulations on the structural requirements/materials used in radioactive effluent discharge piping? (e.g., Do the French require stainless steel, carbon steel, epoxy coated carbon steel, fiberglass?).
8. Are there periodic inspection and maintenance requirements on effluent discharge piping?
9. What is the drinking water standard/limit for tritium?
10. Do the French adopt and use the IAEA standard for clearance of radioactive material?
11. What is the public dose limit?
12. What radionuclides are of concern besides tritium? Are the French concerned with the hard-to-detect, low dose nuclides in effluents and leaks?