

Cause & Impact of Major Incidents in Japan (Lessons)

Incidents		Date	Causes	Factors for Impact Enlargement & Protraction
Monju	Sodium Leakage at Secondary Cooling System and Following Fire, as well as concealing a videotape recording the scene	Dec-95	1&2	A,B,C&D
Tokai Reprocessing Plant, JNC(Ex-PNC)	Small Fire and Explosion ten hours' later of LLR Management Facility	Mar-97	1&2	D
Nuclear Fuel Transport Co.	Falsification of Inspection Data of Shielding Materials in Containers for Transporting Spent Fuel #	Oct-98	3	D
BNFL	Falsification of Parts of Inspection Data of MOX Fuel Manufacturing #		3	D
Tokai Plant, JCO	Criticality Accident at Experimental Fuel Processing Building	Sep-99	1,2,3,4&5	A,C&E

Causes of the Incidents

1. Lack of experience succession
2. Mind-set by experts and and/or error in their judgement
3. Uncertain perception about the process in question
4. Blind points or errors in the licensing and approval system
5. Illegal acts

Factors contributing to the enlargement of the impact

- A Buck-passing of the responsibility, intentionally or unconsciously
- B Lack of preparation for and/or errors in the incident cause explanation
- C Wrong countermeasures after the incident and for neighboring area explanation thereby
- D Pent-up latent dissatisfaction by the local government, residents and/or mass media.
- E Improper understanding for radiation risk and standard (for all the persons concerned)

#Whistle Blower

2000.9
 47回 N-20
 (04P100)

説明

事故発生の原因

- ①経験継承の欠如
- ②技術者の思い込み and /or 判断ミス
- ③当該工程についての曖昧な認識
- ④許認可の盲点 or ミス
- ⑤違法行為

影響を拡大させた要因

- A 責任のたらい回し(意図的 or 無意識による)
- B 説明準備の欠如 and /or 間違い
- C 事故対策の誤りと周辺への事故弁明の欠如
- D 自治体・住民(and /or マスコミ)の潜在的不満の鬱積

Explanation

The cause(s) of the accident

- ① Lack of experiences transfer
- ② Misunderstanding by technical experts and /or error in their judgement
- ③ Insufficient understanding of the processes in question
- ④ Blind points or errors in the licensing and approval system
- ⑤ Illegal act(s)

Factors contributing to the enlargement of the impact

- A Buck-passing of the responsibility, intentionally or unconsciously
- B Lack of preparation for and /or errors in the accident cause explanation
- C Wrong countermeasures after the accident and lack of accident explanation to the neighboring residents
- D Pent-up latent dissatisfaction by the local government, residents and /or mass media