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	Small Fire and Explosion ten hours'		400	
Reprocessing Plant, JNC(Ex-PNC)	later of LLR Management Facility	Mar-97	1&2	D
Nuclear	Falcification of Inspection Data of Shielding			
Fuel	Materials in Containers for Transporting	Oct-98	3	D
Transport Co.	Spent Fuel #			
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

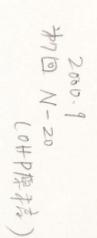
- 1. Lack of experience succession
- 2. Mind-set by experts and and/or error in their judgement
- 3. Uncertain perception about the process in question
- 4. Blind points or errors in the licensing and approval system
- 5. Illegal acts

Factors contributing to the enlargement of the impact

- A Buck-passing of the responsibility, intentionally or unconsciously
- B Lack of preparation for and/or erros in the incident cuase explanation
- C Wrong countermeasures after the incident and for neighboring aret 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



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