# Major Incidents at Nuclear Facilities April 2008 - March 2009

| Date | Facility Name | Incident Description |
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| 1 April 08* | Shika-2 | Reactor shutdown manually due to elevated hydrogen concentration in the off-gas treatment system. |
| 9 April 08 | Tomari-2 | Cracks found in welds in primary coolant inlet nozzle stubs of steam generators A & B. |
| 18 April 08 | Sendai-1 | Broken main shaft of charging/high-pressure injection pump A. |
| 12 May 08* | Shika-2 | Elevated hydrogen concentration in the off-gas treatment system. |
| 14 May 08 | RRP | Exhaust fan stopped in the waste gas treatment system in the high-level liquid waste vitrification building. |
| 25 May 08 | Fuku. 1-5 | Reactor shutdown manually due to deviation from the limiting condition for operation of the high-pressure core injection system and reactor core isolation cooling system. |
| 26 May 08 | Ohi-3 | Cracks in the weld of the reactor vessel A-loop outlet nozzle stub. |
| 27 June 08 | KK-6 | Failure of one control rod drive mechanism to couple with the corresponding control rod. |
| 2 July 08 | RRP | Molten glass stopped flowing through the nozzle at the bottom of vitrification furnace A in the high-level liquid waste vitrification building. |
| 9 July 08 | GNF Yokosuka | Uranium leaked from a press during the pellet production process in number 2 fabrication building. |
| 18 July 08 | Tomari-1 | Failure of charging pump motor A during testing. |
| 21 July 08 | Tsuruga-2 | Failure of a DC motor operated starting steam inlet valve for the turbine driven auxhiliary feedwater pump. |
| 23 July 08* | Onagawa-1 | Crack in a weld in a recirculation pipe. |
| 3 Aug. 08 | Shimane-1 | High pressure core injection turbine shut down during testing. |
| 7 Aug. 08 | Tokai-2 | Valve disc fallen away from a check valve in the steam system exhaust line of the reactor core isolation cooling system turbine. |
| 8 Aug. 08 | GNF Yokosuka | Uranium spattered in the uranium recovery room of number 2 fabrication building. |
| 19 Aug. 08* | Ohi-4 | Leak from a fuel assembly. |
| 4 Sep. 08 | Tomari-1 | Significant thinning of one heat exchange tube in steam generator A. |
| 9 Sep. 08 | Monju | Hole corroded in the exhaust duct in the roof of the reactor support building. |
| 16 Sep. 08 | Tsuruga-2 | Reactor shutdown manually due to steam leak from a weld in the high pressure turbine. |
| 22 Sep. 08 | Takahama-4 | Significant thinning of one heat exchange tube in steam generator C. |
| 3 Oct. 08 | Takahama-4 | Cracks in welds in all primary coolant inlet nozzel stubs of the 3 steam generators. |
| 5 Nov. 08 | Hamaoka-5 | Reactor shutdown manually due to rise in temperature in the noble gas holdup equipment of the off-gas treatment system. Hydrogen concentration rose to about 50%. It is suspected that a hydrogen explosion occurred. |
| 7 Nov. 08 | Fuku. II-3 | During testing of control rod drive mechanism, 1 control rod that was not being tested inserted too far (beyond the fully inserted position). |
| 13 Nov. 08* | Tomari-1 | Cracks found in welds in primary coolant inlet nozzel stubs of steam generators A and B. |
| 26 Nov. 08 | Fuku. I-1 | Water leaked from valves in the control rod drive hydraulic control unit. |
| 10 Dec. 08 | RRP | A stirring rod, which had been inserted into vitrification furnace A in the high-level liquid waste vitrification facility, was found to be bent and to have damaged the furnace. |

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| 11 Dec. 08 | Tsuruga-1 | Holes corroded in two places in ducts in the ventilation system of the central control room. |
| 12 Dec. 08* | Sendai-2 | Cracks in welds in primary coolant inlet nozzle stubs of steam generators A, B and C. |
| 22 Dec. 08 | Hamaoka-3 | Emergency diesel generator A damaged during testing. Power decreasing operation became unavailable. |
| 30 Dec. 08 | Hamaoka-5 | Reactor shutdown manually due to elevated hydrogen concentration in the off-gas treatment system. |
| 25 Feb. 09 | Fuku. I-1 | During reactor startup, a drive bolt was broken in the turbine bypass valve. The valve was fully closed, so reactor pressure increased. Reactor power was decreased manually. |
| 23 Mar. 09 | Onagawa-1 | One control rod that was not being operated accidently inserted from the fully withdrawn to the fully inserted position. |
| 26 Mar. 09 | Shimane-1 | During a half scram test during normal operation, 1 control rod accidently inserted from the fully withdrawn to the fully inserted position. |
| 26 Mar. 09 | Fuku. I-3 | During testing of control rod drive hydraulic system, 1 control rod inserted too far (beyond the fully inserted position). |

* Reporting not legally required. In all other cases listed reporting was required under the Law for the Regulation of Nuclear Source Material, Nuclear Fuel Material and Reactors

RRP = Rokkasho Reprocessing Plant; Fuku. = Fukushima; KK = Kashiwazaki-Kariwa; GNF = Global Nuclear Fuel - Japan Co., Ltd.