

(4b) Status and Summary Reports: NRC Preliminary Notifications			DVD	
Date	Document Title/Summary	Doc Type	Folder	DVD No.
	Return to Table of Contents			
03/28/1979	PN-NRC: I-38: on 790328, reactor tripped on high reactor coolant pressure. Caused by secondary feed pumps tripping due to feedwater polishing system problem. Incident message forms & 790415 ltr from LC Rogers to GP Miller encl.	Preliminary Notification	4b-PN	DVD-2 (S1)
01/16/1979	PNO-79-067: summary of information re nuclear incident on 790328. Describes plant status. Site emergency & general emergency declared.	Preliminary Notification	4b-PN	DVD-2 (S1)
07/11/1979	PNO-79-232: on 790904, high airborne beta activity present in auxiliary & fuel handling building. Licensee will conduct urine, fecal & whole-body counting analyses of selected individuals who had entered area.	Preliminary Notification	4b-PN	DVD-2 (S1)
07/12/1979	PNO-79-238: on 790912, fire occurred in radiation monitoring readout panel for auxiliary building waste gas system monitor. Fire put out by control room personnel. Readout panel circuit boards sustained substantial damage.	Preliminary Notification	4b-PN	DVD-2 (S1)
07/13/1979	PNO-79-243: dose assessments of two TMI employees more than double NRC calendar quarter limit. Dose assessments of TMI employees will continue.	Preliminary Notification	4b-PN	DVD-2 (S1)
07/31/1979	PNO-79-297: total beta activity analysis not performed on ongoing discharge of waste evaporator condensate storage tank. Mgt terminated liquid discharge for analysis. Analysis showed beta activity exceeded regulatory limit.	Preliminary Notification	4b-PN	DVD-2 (S1)
08/03/1979	PNO-79-297A: sample collected from waste evaporator condensate storage tank after 790726 tank discharge. Analysis showed total strontium concentration for annual release.	Preliminary Notification	4b-PN	DVD-2 (S1)
08/15/1979	PNO-79-297B: on 790725, sample of waste evaporator condensate storage tank sent to BNL for Sr-89 & Sr-90 analysis. Results indicate that concentration actually 1% of max permissible concentration.	Preliminary Notification	4b-PN	DVD-2 (S1)
08/07/1979	PNO-79-311: on 790807, contractor supervisor fainted while wearing respirator. Taken to hospital & found to be contaminated up to 66, 000 disintegrations per minute. Investigation re respirator failure being done.	Preliminary Notification	4b-PN	DVD-2 (S1)
08/07/1979	PNO-79-314: existing but unused penetration will be modified to provide sampling point through blank flange, 2-ft above water line, to provide direct sampling capability in containment while maintaining containment isolation.	Preliminary Notification	4b-PN	DVD-2 (S1)
08/08/1979	PNO-79-319: on 790807, 157 55-gallon drums of low specific activity compacted trash from Unit 2 was shipped via Tri-State Motor Carrier to Nuclear Engineering Co Hanford, WA burial facility.	Preliminary Notification	4b-PN	DVD-2 (S1)
08/13/1979	PNO-79-332: on 790810 shipment of 157 55-gallon drums of low specific activity compacted trash arrived at Hanford, WA facility. Shipment unloaded w/o incident on 790811. No noncompliances observed. Officials from State of WA present.	Preliminary Notification	4b-PN	DVD-2 (S1)
08/15/1979	PNO-79-336: on 790813, individual contaminated both hands. Caused by picking up torn bag of respirators w/o wearing protective gloves. Individual was sent home w/hands in surgical gloves. Decontamination efforts resume upon return.	Preliminary Notification	4b-PN	DVD-2 (S1)
08/16/1979	PNO-79-336A: on 790815, NRC inspector observed individual w/ contamination of 440 cpm on right finger. Addl decontamination efforts continued. Dose assessment will be conducted.	Preliminary Notification	4b-PN	DVD-2 (S1)
08/21/1979	PNO-79-352: on 790819, EPA telemetered composite monitor received false liquid discharge high radioactivity alarm. Caused by possible malfunction. All liquid releases from plant were stopped. Repair of system is being initiated.	Preliminary Notification	4b-PN	DVD-2 (S1)
08/22/1979	PNO-79-358: on 790820, individual contaminated trousers while working. Wore trousers home. Caused by defective survey meter that did not detect contamination. Wife, apartment, clothing & car of worker were surveyed. No contamination found.	Preliminary Notification	4b-PN	DVD-2 (S1)
08/28/1979	PNO-79-375: on 790828, high airborne activity detected in fuel handling building. Several workers required to leave area. Caused by one-inch valve in reactor coolant makeup system which had small leak. Packing tightened & leaking stopped.	Preliminary Notification	4b-PN	DVD-2 (S1)
08/30/1979	PNO-79-375A: on 790828, six workers possibly exposed to radiation in excess of specified limits. Caused by involvement in repairing two valves leaking primary coolant. Exposures to hands are being evaluated.	Preliminary Notification	4b-PN	DVD-2 (S1)
08/30/1979	PNO-79-380: on 790830, twin engine cargo aircraft crashed 1. 5 miles north northeast of TMI. Crash did not affect TMI site.	Preliminary Notification	4b-PN	DVD-2 (S1)
08/31/1979	PNO-79-386: on 790830, three contractor employees were contaminated while grouting pipe supports. Whole body counts showed no uptake of radioactivity on two individuals while one showed 4 nanocuries Cs-137. Evaluations planned.	Preliminary Notification	4b-PN	DVD-2 (S1)
09/05/1979	PNO-79-396: on 790902, high beta radiation indicated at entrance to reactor coolant makeup valve alley of fuel handling building. Subsequent surveys failed to indicate radiation. Cause for initial reading under investigation.	Preliminary Notification	4b-PN	DVD-2 (S1)
09/07/1979	PNO-79-401: on 790905, six contractor personnel were contaminated after performing measurements on filter pad containing small quantity of primary coolant. Individuals, clothing, lab & analytical equipment decontaminated.	Preliminary Notification	4b-PN	DVD-2 (S1)
03/28/1979	PNO-79-067: summary of information re nuclear incident on 790328. Describes plant status. Site emergency & general emergency declared.	Preliminary Notification	4b-PN	DVD-2 (S1)
04/10/1979	PNO-79-077: review of operational & system problems identified during TMI incident. Notes probable generic problem w/ automatic safety injection in Westinghouse & C-E plants.	Preliminary Notification	4b-PN	DVD-2 (S1)
09/25/1979	PNO-I-79-001: on 790922, stable natural circulation flow was lost. Caused by diminishing heat input from core.	Preliminary Notification	4b-PN	DVD-2 (S1)

01/17/1980	PNO-I-80-010: on 800117, General Public Utils announced proposed reorganization w/all nuclear operations under direction of GPU Nuclear Corp. R Arnold will serve as president. Mgt of PA utils will be combined.	Preliminary Notification	4b-PN	DVD-2 (S1)
09/18/1980	PNO-I-80-131: on 800918, radio station KYW rebroadcast news repts of 790328 TMI-2 accident causing Region 1 employee to alert regional mgt.	Preliminary Notification	4b-PN	DVD-2 (S1)
05/15/1984	PNO-I-84-047: on 840518, nonviolent May 18th Mobilization demonstration planned to commemorate & refocus public attention on 820518 referendum against TMI-1 restart. Approx 20 to 40 demonstrators expected.	Preliminary Notification	4b-PN	DVD-2 (S1)
06/15/1987	PNO-I-87-049B: on 870612, NRC informationrmed that confirmed positive drug test results received on 10 employees. One employee fired, one reassigned & eight suspended. Positive results for licensed operators or mgt personnel not received.	Preliminary Notification	4b-PN	DVD-2 (S1)
07/10/1987	PNO-I-87-063: on 870709, NRC & util received anonymous allegation re shift supervisor sleeping on duty. Makeshift beds identified & dismantled & three contract employees terminated for sleeping onsite.	Preliminary Notification	4b-PN	DVD-2 (S1)
07/13/1987	PNO-I-87-063A: on 870710, special insp team dispatched to facility to review licensee efforts re allegations of sleeping on duty. Random offshift insp identified no evidence of operators inattention to duties.	Preliminary Notification	4b-PN	DVD-2 (S1)
05/23/1988	PNO-I-88-055: on 880523, worker slipped & fell into reactor vessel from defueling platform. Caused by worker unhooking himself from sling to install equipment in reactor vessel. Worker decontaminated & licensee conducted event critique.	Preliminary Notification	4b-PN	DVD-2 (S1)
07/20/1988	PNO-I-88-075: on 880720, results of independent investigation re operator sleeping on duty announced. Disciplinary actions including dismissal, reassignments to lower positions & formal reprimands made effective on 880719.	Preliminary Notification	4b-PN	DVD-2 (S1)
08/18/1988	PNO-I-88-084: on 880818, TMI-2 control room altercation occurred. Licensee operator protected area access suspended pending investigation of accident & resident inspectors closely following licensee actions re event.	Preliminary Notification	4b-PN	DVD-2 (S1)
08/30/1988	PNO-I-88-084A: on 880829, resident inspectors informationrmed of results of drug testing on licensee reactor operator involved in altercation described in PNO-I-88-084. Licensee terminated employee on basis of positive test results.	Preliminary Notification	4b-PN	DVD-2 (S1)
07/10/1989	PNO-I-89-056: on 890710, reactor vessel lower head cracks from guide tubes E-7 & G-6 discovered. Tubes substantially damaged by flow of molten fuel. Investigation & cleanup started.	Preliminary Notification	4b-PN	DVD-2 (S1)
09/28/1989	PNO-I-89-081: on 890925, two laborers inadvertently handled core debris that could have resulted in overexposure. Detailed assessment performed by licensee to establish time individuals handled source & actual doses received.	Preliminary Notification	4b-PN	DVD-2 (S1)
08/30/1990	PNO-I-90-071: on 900829, resident inspectors informationrmed that concentration value of 29, 000 pCi/liter of tritium found in Aug sample of Groundwater Monitoring Station MS-2. No Tech Spec release limits exceeded.	Preliminary Notification	4b-PN	DVD-2 (S1)
06/03/1991	PNO-I-91-041: on 910531, S Hoch resigned as chairman of board of directors, president & chief executive officer of GPU. WG Kuhns will replace Hoch until permanent replacement is found.	Preliminary Notification	4b-PN	DVD-2 (S1)
10/29/1979	PNO-TMI-79-003: on 791027, fire deluge system in B natural draft cooling tower actuated. Actuation of all three power fire pumps resulted in overheating of fire pump B. Due to cooling water supply line rupture.	Preliminary Notification	4b-PN	DVD-2 (S1)
11/13/1979	PNO-TMI-79-004: on 791110, video surveillance of inside of containment building was conducted by television camera. No visible structural damage.	Preliminary Notification	4b-PN	DVD-2 (S1)
11/21/1979	PNO-TMI-79-005: on 791121, RH Vollmer & JT Collins will attend briefing on current TMI activities in Annapolis, MD. Briefing sponsored by State of MD & will include representatives from Met Ed, PA Dept of environmental Resources & NRC.	Preliminary Notification	4b-PN	DVD-2 (S1)
11/23/1979	PNO-TMI-79-006: on 791020, two drums containing radioactive matl were transported to Middletown municipal incinerator along w/normal clean trash disposal shipment. Drums were returned & stored on site.	Preliminary Notification	4b-PN	DVD-2 (S1)
12/10/1979	PNO-TMI-79-007: on 791209, truck transporting ten boxes of compacted trash containing low specific activity radioactive matl from facility slipped off road into ditch near Missoula, MT. Caused by icy road conditions.	Preliminary Notification	4b-PN	DVD-2 (S1)
12/21/1979	PNO-TMI-79-008: on 791216, main condenser offgas radiation monitor indicated increase in gaseous activity. Licensee monitoring condenser offgas & secondary water activities to determine source of activity.	Preliminary Notification	4b-PN	DVD-2 (S1)
01/29/1980	PNO-TMI-80-001: on 800129, util announced 95, 000 gallons of intermediate level radwaste water in auxiliary tanks had been processed by EPICOR-II system. Some matl in colloidal state.	Preliminary Notification	4b-PN	DVD-2 (S1)
02/07/1980	PNO-TMI-80-002: ex-watchman at facility informationrmed media of TMI papers obtained at site. Review indicated papers not confidential & are available on PDR. PROBABLE DELETE: DUPE OF 8002210005.	Preliminary Notification	4b-PN	DVD-2 (S1)
02/11/1980	PNO-TMI-80-003: on 800211, NRC informationrmed of makeup & purification system leak. Makeup tank level was dropping slowly. After announcement of local emergency in auxiliary building, emergency alarm initiated. Auxiliary building evacuated.	Preliminary Notification	4b-PN	DVD-2 (S1)
02/19/1980	PNO-TMI-80-004: on 800214, 91 electricians walked off job at TMI over grievances re inconsistencies in util health physics practices. Some electricians are on recovery projects on site. Plant stability not affected.	Preliminary Notification	4b-PN	DVD-2 (S1)
02/28/1980	PNO-TMI-80-006: on 800228, crane tipped over in storage area south of Unit 2 south gate. Caused by improper balance while moving scrap metal. No injuries. Media interest is expected.	Preliminary Notification	4b-PN	DVD-2 (S1)
03/03/1980	PNO-TMI-80-007: on 800303 make-up pump 1B was started & make-up system was put back in svc. Make-up system now operating satisfactorily w/standby pressure control system since isolated for primary water leak on 800211.	Preliminary Notification	4b-PN	DVD-2 (S1)
03/05/1980	PNO-TMI-80-008: on 800310, licensee intends to purge approx 50 mCi Kr-85 as containment personnel airlock 2 is opened for analysis. Data will be used to assess conditions inside containment for future entry.	Preliminary Notification	4b-PN	DVD-2 (S1)

03/05/1980	PNO-TMI-80-008A: on 800310, licensee intends to commence preparations to enter containment personnel airlock 2. Airlock atmosphere radioactivity has been analyzed & will be purged. Containment integrity will be maintained.	Preliminary Notification	4b-PN	DVD-2 (S1)
03/07/1980	PNO-TMI-80-009: on 800307 automobile/tractor trailer accident occurred near South access road fatally injuring one female employee of Gregg Security Force. Condition of truck driver unknown.	Preliminary Notification	4b-PN	DVD-2 (S1)
03/07/1980	PNO-TMI-80-010: on 800308, fire drill scheduled which will include use of a smoke bomb in the Unit 1 diesel generator area and will involve one local fire company.	Preliminary Notification	4b-PN	DVD-2 (S1)
03/12/1980	PNO-TMI-80-011: on 800312, const worker experienced possible coronary attack. Worker was not in controlled area at time of attack. Departed site via ambulance.	Preliminary Notification	4b-PN	DVD-2 (S1)
03/12/1980	PNO-TMI-80-012: on 800312, security contractor experienced pains and was transported offsite by ambulance.	Preliminary Notification	4b-PN	DVD-2 (S1)
03/13/1980	PNO-TMI-80-013: on 800313, personnel entered TMI-2 reactor building personnel airlock Number 2. Max radiation reading 180 millirems on one square ft section of floor. Contact readings on inner door & walls approx 50 millirems.	Preliminary Notification	4b-PN	DVD-2 (S1)
03/14/1980	PNO-TMI-80-014: seal rings for outer door to personnel airlock 2 failed leak test conducted following entry of personnel into airlock per PNO-TMI-80-013. Seals replaced, door adjusted & seal retested successfully.	Preliminary Notification	4b-PN	DVD-2 (S1)
03/18/1980	PNO-TMI-80-015: on 800318, employee left site in ambulance experiencing pains near right kidney. Individual was not in controlled area at time of event.	Preliminary Notification	4b-PN	DVD-2 (S1)
03/19/1980	PNO-TMI-80-016: on 800320, licensee plans emergency drill implementing emergency plan. Onsite staff will monitor drill w/assistance from Region 1.	Preliminary Notification	4b-PN	DVD-2 (S1)
03/21/1980	PNO-TMI-80-016A: on 800320 licensee canceled scheduled emergency drill. Caused by increased airborne concentration in auxiliary building. Drill is tentatively rescheduled for 800326.	Preliminary Notification	4b-PN	DVD-2 (S1)
03/26/1980	PNO-TMI-80-016B: on 800326 licensee canceled scheduled emergency drill. Caused by increased public interest in facility w/approach of 800328 anniversary. Drill is tentatively rescheduled for 800410.	Preliminary Notification	4b-PN	DVD-2 (S1)
03/20/1980	PNO-TMI-80-017: on 800320, several local air particulate monitors in auxiliary building alarmed. Makeup system leak suspected for high reading. Preparations underway to locate & isolate leak. Press release planned by util.	Preliminary Notification	4b-PN	DVD-2 (S1)
03/21/1980	PNO-TMI-80-017A: on 800320, several air particulate monitors in auxiliary building alarmed. Caused by suspected makeup system leakage. Seal injection & letdown isolated & reactor coolant system pressure decreased to PROBABLE DELETE: DUPE OF	Preliminary Notification	4b-PN	DVD-2 (S1)
03/26/1980	PNO-TMI-80-018: on 800325 local air monitor in auxiliary building alarmed. Analyses of sampler filters indicated excess amount of airborne particulate. On 800326 local air samplers alarmed. Cause of alarms under review.	Preliminary Notification	4b-PN	DVD-2 (S1)
03/26/1980	PNO-TMI-80-018A: on 800326, AMS-3 local air monitor showed intermittent increase in count rate. Particulate filter changed & analyzed to determine concentration. Events under review.	Preliminary Notification	4b-PN	DVD-2 (S1)
04/04/1980	PNO-TMI-80-020: tritium activity recently found in test wells around plant. Util & NRC are outlining program to determine source of tritium & reason for water discoloration.	Preliminary Notification	4b-PN	DVD-2 (S1)
04/07/1980	PNO-TMI-80-021: on 800406, NRC Middletown, PA ofc found vandalized. Door glass broken, but entry not apparent.	Preliminary Notification	4b-PN	DVD-2 (S1)
04/07/1980	PNO-TMI-80-022: on 800407, electrician left site in ambulance w/possible coronary attack. Individual was not working in controlled area at time of event.	Preliminary Notification	4b-PN	DVD-2 (S1)
04/15/1980	PNO-TMI-80-023: on 800415: while removing contaminated SA letdown filter inside fuel handling building, increase in airborne particulate was detected. Personnel evacuated & decontaminated.	Preliminary Notification	4b-PN	DVD-2 (S1)
04/18/1980	PNO-TMI-80-024: on 800417, minor gaseous release occurred from EPICOR-II through ventilation system due to transfer between EPICOR-II storage tanks. Event caused approx 0. 1 Ci of Kr-85 to be released.	Preliminary Notification	4b-PN	DVD-2 (S1)
04/21/1980	PNO-TMI-80-025: on 800418, tractor trailer decoupled when driver attempted to pull away from intersection. Trailer carried single container of radwaste. Container remained secured; no equipment or personnel injuries reported.	Preliminary Notification	4b-PN	DVD-2 (S1)
04/21/1980	PNO-TMI-80-026: on 800421, fire broke out at trailer next to TMI observation ctr. Trailer contained licensee communication svcs dept equipment & facilities. Trailer & contents were ruined by fire. Cause of fire under investigation.	Preliminary Notification	4b-PN	DVD-2 (S1)
04/22/1980	PNO-TMI-80-027: on 800423, during airlock purge, less than 50 mCi Kr-85 will be released through ventilation system. Caused by need to purge personnel airlock in preparation for first entry into reactor building. Press release planned by licensee.	Preliminary Notification	4b-PN	DVD-2 (S1)
04/23/1980	PNO-TMI-80-028: on 800422, Natl Inst of Occupational Safety & Health notified NRC of possible mods in licensee personnel respiratory protection system for initial reactor building entry. Unapproved mods revealed upon exam of equipment at TMI site.	Preliminary Notification	4b-PN	DVD-2 (S1)
05/16/1980	PNO-TMI-80-029: on 800520, licensee plans to make first entry into reactor building. Personnel airlock will be purged on 800519 in preparation for entry. Estimated airlock purge will release approx 25 Ci Kr-85 to environmental.	Preliminary Notification	4b-PN	DVD-2 (S1)
05/21/1980	PNO-TMI-80-030: on 800520, licensee attempted to enter reactor building for first time since 790328 accident. Procedure was terminated after repeated attempts failed to open inner door. Probable causes include corrosion & suction.	Preliminary Notification	4b-PN	DVD-2 (S1)
05/23/1980	PNO-TMI-80-031: on 800520, licensee determined that containment integrity not maintained for period of 2-5 minutes. Caused by purge valve on outer door left open, permitting flow from atmosphere into reactor building.	Preliminary Notification	4b-PN	DVD-2 (S1)

05/23/1980	PNO-TMI-80-032: on 800523, worker experiencing chest pains left site in ambulance. Diagnosis was possible heart attack. Unknown if individual was in radiological area.	Preliminary Notification	4b-PN	DVD-2 (S1)
06/27/1980	PNO-TMI-80-35: on 80-0627, reactor coolant system overflow	Preliminary Notification	4b-PN	DVD-2 (S1)
06/27/1980	PNO-TMI-80-036: on 800628, purging of reactor building is scheduled to start at 8: 00 AM.	Preliminary Notification	4b-PN	DVD-2 (S1)
06/29/1980	PNO-TMI-80-037: at 8: 00 AM on 800628, purging of reactor building atmosphere was started. Purge was stopped after 4 minutes due to high particulate alarms.	Preliminary Notification	4b-PN	DVD-2 (S1)
06/30/1980	PNO-TMI-80-038: on 800629, purging of reactor building atmosphere was resumed. To increase sensitivity of stack monitor for particulates, addl instrumentation was installed.	Preliminary Notification	4b-PN	DVD-2 (S1)
07/01/1980	PNO-TMI-80-038A: on 800701, purging of reactor building atmosphere continued at various flow rates based on meteorological conditions. Momentary shutdowns also occurred due to stack monitor filter changeouts.	Preliminary Notification	4b-PN	DVD-2 (S1)
07/02/1980	PNO-TMI-80-038B: on 800702, purging of reactor building atmosphere continued at various flow rates based on meteorological conditions. Scheduled shutdown lasting 5-h occurred for computer maint.	Preliminary Notification	4b-PN	DVD-2 (S1)
07/03/1980	PNO-TMI-80-038C: on 800703, purging of reactor building atmosphere continued. Shutdown occurred due to loss of sample pump for effluent monitor. Replacement pump was installed & purging resumed.	Preliminary Notification	4b-PN	DVD-2 (S1)
07/07/1980	PNO-TMI-80-038E: on 800707, purging of reactor building atmosphere continued. Momentary shutdowns occurred due to stack monitor filter changeouts.	Preliminary Notification	4b-PN	DVD-2 (S1)
07/08/1980	PNO-TMI-80-038F: on 800708, purging of reactor building atmosphere continued. At approx 6: 20 AM, system was shut down due to high alarm on purge system monitor noble gas channel. Reason for alarm is under review.	Preliminary Notification	4b-PN	DVD-2 (S1)
07/09/1980	PNO-TMI-80-038G: on 800709, purging of reactor building atmosphere continued at various flow rates. Momentary shutdowns occurred due to stack monitor filter changeouts.	Preliminary Notification	4b-PN	DVD-2 (S1)
07/10/1980	PNO-TMI-80-038H: on 800710, purging of reactor building was shut down at 1: 45 AM so that reactor building air samples could be taken.	Preliminary Notification	4b-PN	DVD-2 (S1)
07/11/1980	PNO-TMI-80-038I: on 800711, purging of reactor building atmosphere continued until approx 10: 00 AM when purge system was shutdown because licensee declared purge complete.	Preliminary Notification	4b-PN	DVD-2 (S1)
07/25/1980	PNO-TMI-80-038J: on 800710-24, reactor building atmosphere Kr-85 increased approx ten-fold. Reactor building sump is suspected to be offgassing Kr-85. Addl reactor building purge is planned for 800801.	Preliminary Notification	4b-PN	DVD-2 (S1)
07/08/1980	PNO-TMI-80-039: on 800708, health physics technician was taken offsite in ambulance due to injuries sustained to head while working in auxiliary building. Upon leaving site, individual was conscious & not contaminated.	Preliminary Notification	4b-PN	DVD-2 (S1)
07/16/1980	PNO-TMI-80-040: on 800716, containment personnel airlock 2 inner door was successfully opened. Upon closure of inner door, seal rings failed leakage test. Licensee & NRC review of matter continues.	Preliminary Notification	4b-PN	DVD-2 (S1)
07/17/1980	PNO-TMI-80-040A: on 800716, containment building personnel airlock inner door seals failed to pass seal leakage test. Subsequent measures to correct leakage failed to meet leakage criterion. PROBABLE DELETE: DUPE OF 8007230218.	Preliminary Notification	4b-PN	DVD-2 (S1)
07/21/1980	PNO-TMI-80-041: on 800719, while dewatering used filter liner, leaking hose connection contaminated ground. Area contaminated was approx 2x4 ft w/max contamination level of 480 mRad/hr beta & 30 mRad/hr gamma.	Preliminary Notification	4b-PN	DVD-2 (S1)
08/08/1980	PNO-TMI-80-043: on 800808, RCS boundaries were extended outside reactor building by opening decay heat system valve permitting future operation of mini-decay heat removal system.	Preliminary Notification	4b-PN	DVD-2 (S1)
08/15/1980	PNO-TMI-80-044: 800815, four men made second post-accident entry into reactor building. Max total body dose to any man was less than 300 millirems. Some damage to wiring & equipment found.	Preliminary Notification	4b-PN	DVD-2 (S1)
09/16/1980	PNO-TMI-80-045: on 800915, NRC approved major changes in organization which establishes General Public Utils Nuclear Group & which includes revised plant staff organizations.	Preliminary Notification	4b-PN	DVD-2 (S1)
10/16/1980	PNO-TMI-80-047: on 801016, third entry into reactor building by three health physics technicians & two maint men. Max exposure less than 500 mrems. Radiological surveys performed & photographs taken at 305 & 347 ft elevations.	Preliminary Notification	4b-PN	DVD-2 (S1)
10/20/1980	PNO-TMI-80-048: on 801020, licensee reported that two groups asked permission to use TMI observation ctr grounds for demonstration on 801021. Licensee denied permission. Two groups are TMI Alert & American Indian Movement.	Preliminary Notification	4b-PN	DVD-2 (S1)
11/06/1980	PNO-TMI-80-049: on 801106, licensee commenced loss to ambient test (loss of reactor decay heat to reactor building ambient test). Test demonstrates sufficient heat transfer occurs from reactor coolant system to reactor building to cool core.	Preliminary Notification	4b-PN	DVD-2 (S1)
11/07/1980	PNO-TMI-80-050: on 801106, fire discovered in trailer on Unit 2 side of site. Trailer located outside protected area, but inside owner-controlled fences approx 20 yards from onsite NRC complex. Trailer sustained heavy smoke & water damage.	Preliminary Notification	4b-PN	DVD-2 (S1)
11/13/1980	PNO-TMI-80-051: on 801113, fourth entry into reactor building was completed. Three separate entries were made by 12 men. No entry member exceeded 500 millirem total exposure. Max time inside for any one person was 90 minutes. Photographs taken.	Preliminary Notification	4b-PN	DVD-2 (S1)
11/28/1980	PNO-TMI-80-052: on 801127, survey of auxiliary building revealed unexpected levels of contamination in expansion joint (seam) which runs between svc building on one side & auxiliary building & air intake tunnel on other side.	Preliminary Notification	4b-PN	DVD-2 (S1)

12/08/1980	PNO-TMI-80-053: on 801208, util issued press release stating that claim of four billion dollars was filed against NRC for negligence re performance before TMI-2 incident & based on estimated cost of TMI-2 cleanup.	Preliminary Notification	4b-PN	DVD-2 (S1)
01/13/1981	PNO-TMI-81-001: on 801001, water samples from onsite Well 2 contained trace quantities of Cs-137 & Cs-134. Subsequent samples on 801008, 15 & 1105 indicated concentrations at less than lower limit of detection. Item to be reviewed 810115.	Preliminary Notification	4b-PN	DVD-2 (S1)
01/14/1981	PNO-TMI-81-002: on 810113, estimated 600 gallons of concentrated sulfuric acid siphoned from storage tank, through two valves, & out of 2-inch flange pipe. Valves inadvertently opened or left open by maint.	Preliminary Notification	4b-PN	DVD-2 (S1)
01/16/1981	PNO-TMI-81-03: on 810116, the licensee commenced planned activities to heat up and pressurize the reactor coolant system for test purposes. Reactor will remain subcritical and RCS temperature less than 200 F.	Preliminary Notification	4b-PN	DVD-2 (S1)
01/19/1981	PNO-TMI-81-03A: on 810118, the operational and testing activities at TH-1 were temporarily terminated due to discovery on January 17, 1981, of a small leak in the makeup system piping.	Preliminary Notification	4b-PN	DVD-2 (S1)
02/05/1981	PNO-TMI-81-004: on 810205, smoking electrical bus 2-47 on auxiliary building was electrically isolated. Bus supplied power to reactor building purge system. Industrial cooling system for reactor building was put on svc.	Preliminary Notification	4b-PN	DVD-2 (S1)
02/05/1981	PNO-TMI-81-004A: on 810205, smoking electrical bus 2-47 on auxiliary building was electrically isolated. Bus supplied power to reactor building purge system. Caused by burned-out controller for heater in reactor building ventilation supply system.	Preliminary Notification	4b-PN	DVD-2 (S1)
02/19/1981	PNO-TMI-81-005: on 810211, water samples taken from Well 2 found w/increased concentrations of Cs-137, Cs-134 & Co-60. Probably caused by borated water storage tank contamination. Event under investigation.	Preliminary Notification	4b-PN	DVD-2 (S1)
02/27/1981	PNO-TMI-81-006: on 810227, contaminated rodent feces found in control & svc building. Affected areas roped off. Exterminator contacted to capture pests. Contaminated rodents do not pose radiological risk to public or environmental.	Preliminary Notification	4b-PN	DVD-2 (S1)
03/18/1981	PNO-TMI-81-007: on 810317, ion exchange media column test, supporting submerged demineralizer system technical evaluation data, not performed during seventh entry into TMI-2 reactor. Caused by lodged submersible pump above sump water.	Preliminary Notification	4b-PN	DVD-2 (S1)
03/23/1981	PNO-TMI-81-007A: on 810317, during attempt to re-enter reactor building, technicians unable to lower submersible pump into sump to proceed w/zeolite experiment. Five gallons of sump water for experiment obtained on 810320.	Preliminary Notification	4b-PN	DVD-2 (S1)
03/27/1981	PNO-TMI-81-008: on 810327, M Udall & members of Energy & environmental Subcommittee will be touring selected areas of TMI-1 & TMI-2. Purpose of tour is to assess status of both units in which licensee & NRC briefings will be conducted.	Preliminary Notification	4b-PN	DVD-2 (S1)
04/24/1981	PNO-TMI-81-009: on 810423, first EPICOR-II resin liner used for decontamination of water in auxiliary building shipped to Hanford, WA for burial. Remaining 24 liners will be shipped within 2-3 months. State of PA has been notified.	Preliminary Notification	4b-PN	DVD-2 (S1)
04/30/1981	PNO-TMI-81-010: on 810429, analytical results of air samples indicated elevated tritium levels in fuel handling building. Personnel entry resumed following reduction of tritium concentration. PROBABLE DELETE: DUPE OF 8105050602.	Preliminary Notification	4b-PN	DVD-2 (S1)
05/19/1981	PNO-TMI-81-011: on 810519, DOE shipped EPICOR-II resin liner used to process contaminated water from 790328 accident, from site to Battelle Labs in Columbus, OH. Testing will provide addl information re handling of radwaste.	Preliminary Notification	4b-PN	DVD-2 (S1)
06/25/1981	PNO-TMI-81-012: on 810625, polar crane insp delayed due to delays in opening & closing of outer airlock door. Caused by mechanical failures. Door locking mechanism repaired.	Preliminary Notification	4b-PN	DVD-2 (S1)
07/01/1981	PNO-TMI-81-013: on 810630, util reported that last two lower activity EPICOR-II liners reached burial site in Hanford, WA. Liners shipped as result of NRC 810318 action on SECY-81-177.	Preliminary Notification	4b-PN	DVD-2 (S1)
07/02/1981	PNO-TMI-81-014: on 810701, after reactor building entry to insp polar crane, four entry team members found to have radioactive contamination of skin. Std decontamination procedures initiated.	Preliminary Notification	4b-PN	DVD-2 (S1)
07/13/1981	PNO-TMI-81-015: on 810710, unit shut down to evaluate initial radiation instrument readings on submerged demineralizer system effluent. Readings determined acceptable & processing of reactor coolant bleed tank water resumed.	Preliminary Notification	4b-PN	DVD-2 (S1)
07/30/1981	PNO-TMI-81-016: on 810729, leakage of about 15 drops per minute discovered around manway of B processed water storage tank. Water transferred from B tank to tank associated w/EPICOR-II system.	Preliminary Notification	4b-PN	DVD-2 (S1)
09/14/1981	PNO-TMI-81-018: on 810911, abnormal leak rate discovered in RCS downstream of standby pressure control system, SPC-V71 & inside reactor building. Cause unknown. Pressurizer liquid sample isolation valve, RC-V122, closed.	Preliminary Notification	4b-PN	DVD-2 (S1)
09/22/1981	PNO-TMI-81-019: on 810922, licensee began transferring reactor building sump/basement water to submerged demineralizer system feed tanks using surface suction pump in reactor building & prefilter/post-filter in spent fuel pool B.	Preliminary Notification	4b-PN	DVD-2 (S1)
09/23/1981	PNO-TMI-81-020: on 810923, licensee began processing reactor building sump basement water using submerged demineralizer system. No indication of radiological releases. State of PA notified. Media interest expected.	Preliminary Notification	4b-PN	DVD-2 (S1)
11/21/1981	PNO-TMI-81-022: on 811121, the licensee determined that the Once Through Steam Generator (OTSG) had a primary to secondary leak rate from 0.3 gpm and 0.5 gpm. The plant was immediately depressurized from 45 psig to atmospheric pressure.	Preliminary Notification	4b-PN	DVD-2 (S1)
01/08/1982	PNO-TMI-82-001: on 820108, licensee declared unusual event as result of indication of increased airborne radioactivity in Unit 2 auxiliary & fuel handling buildings. Personnel working in building immediately evacuated.	Preliminary Notification	4b-PN	DVD-2 (S1)
01/14/1982	PNO-TMI-82-002: on 820113, NRC resident radiation specialist noted through routine review of licensee logs that valve DHIV 28 of BWST had leaked. Leak believed to have been caused by recent extreme cold weather.	Preliminary Notification	4b-PN	DVD-2 (S1)
02/19/1982	PNO-TMI-82-003: on 820219, deficient oxygen level & presence of combustible gases detected. Cause unknown. Investigation continuing.	Preliminary Notification	4b-PN	DVD-2 (S1)

02/20/1982	PNO-TMI-82-003A: on 820220, Gas Tech monitor detected oxygen in airlock, previously identified as 820219 event. Edmont monitor alarmed simultaneously w/radio transceiver activity. Reactor building entry will be conducted.	Preliminary Notification	4b-PN	DVD-2 (S1)
02/22/1982	PNO-TMI-82-003B: on 820220, test in reactor building indicated that radio frequency transmissions interfered w/portable O2 & combustible gas monitors. Grab air samples indicated normal O2 levels & no combustible gases. Air sampling continuing.	Preliminary Notification	4b-PN	DVD-2 (S1)
02/24/1982	PNO-TMI-82-003C: on 820224, air sample readings taken at 305 & 347 ft indicated apparent oxygen deficient atmosphere in reactor building.	Preliminary Notification	4b-PN	DVD-2 (S1)
03/22/1982	PNO-TMI-82-005: on 820322, unusual event declared due to apparent leak in RCS. Licensee in process of removing make-up filter 4A;removal of filter head resulted in leakage of 150 gallons water from cover of housing.	Preliminary Notification	4b-PN	DVD-2 (S1)
03/22/1982	PNO-TMI-82-005A: on 820322, unusual event declared due to apparent leak in RCS. Leak of approx 3. 2 gpm discovered from make-up purification system isolation valves to seal injection filter, MU-F4A, during filter removal evolution.	Preliminary Notification	4b-PN	DVD-2 (S1)
03/26/1982	PNO-TMI-82-006: on 820322, attempted removal of seal injection filter (MU-F-4A) one of system filters, resulted in leak of approx 150 gallons of contaminated water.	Preliminary Notification	4b-PN	DVD-2 (S1)
04/12/1982	PNO-TMI-82-008: on 820323, highest tritium concentration for groundwater samples noted for test borings 2, 3 & 17. Licensee instituted systematic program to identify source.	Preliminary Notification	4b-PN	DVD-2 (S1)
04/14/1982	PNO-TMI-82-009: on 820414, when technician entered reactor building to take grab samples, interlock mechanism to personnel airlock jammed. Exit delayed 52 minutes. Radiation dose 89 man rems. Further entries postponed until repairs made.	Preliminary Notification	4b-PN	DVD-2 (S1)
05/21/1982	PNO-TMI-82-013: on 820521, first submerged demineralizer system waste vessel D 10015 was shipped to DOE in Richland, WA. Vessel contains 13, 000 Ci total radioactivity. Shipment scheduled to arrive at DOE facility on 820524.	Preliminary Notification	4b-PN	DVD-2 (S1)
06/18/1982	PNO-TMI-82-014: on 820617, employee contaminated both hands w/Cs-137 on palms. Decontamination efforts effected. Person wearing proper respiratory protection equipment at time of incident. Individual exposures within planned ALARA limits.	Preliminary Notification	4b-PN	DVD-2 (S1)
06/23/1982	PNO-TMI-82-015: on 820623, licensee will begin moving axial power shaping rods. Rods will be fully inserted for later decoupling from lead screw before reactor head removal.	Preliminary Notification	4b-PN	DVD-2 (S1)
06/24/1982	PNO-TMI-82-015A: on 820623, one of eight axial power shaping rods moved from initial position of 26% to 5%. Axial power shaping rod test terminated due to reaching time limit for motor energization. NRC continuing to monitor events.	Preliminary Notification	4b-PN	DVD-2 (S1)
06/25/1982	PNO-TMI-82-015B: on 820623, during axial power shaping rod testing attempts to move Rod 62 unsuccessful & Rods 63 & 66 could not be inserted fully. Four rods remain to be moved. Next update 820628.	Preliminary Notification	4b-PN	DVD-2 (S1)
06/28/1982	PNO-TMI-82-015C: on 820625, axial power shaping rod testing completed. Rods 64 & 69 did not move, Rod 68 inserted to 22. 9% from bottom position & Rod 67 inserted to position 1. 1% from bottom. No changes in neutron population occurred.	Preliminary Notification	4b-PN	DVD-2 (S1)
07/14/1982	PNO-TMI-82-016: on 820714, closed circuit television camera to be inserted into reactor vessel head through CRD mechanism leadscrew opening to provide first visual assessment of conditions inside vessel.	Preliminary Notification	4b-PN	DVD-2 (S1)
07/15/1982	PNO-TMI-82-016A: on 820714, venting of RCS & of pressurizer & placing nitrogen blanket on hot legs completed. Preparations in progress for insertion of closed circuit television camera into reactor vessel head.	Preliminary Notification	4b-PN	DVD-2 (S1)
07/19/1982	PNO-TMI-82-016B: on 820714, preparations continued for insertion of camera into reactor vessel head. Venting RCS hot leg piping through RCS high point vents & pressurizer through pressurizer high point vent complete.	Preliminary Notification	4b-PN	DVD-2 (S1)
07/20/1982	PNO-TMI-82-016C: on 820719, ctr control rod (core location 8-H) uncoupled & leadscrew partially withdrawn. Closed circuit television camera will be inserted into reactor vessel head through CRD mechanism housing.	Preliminary Notification	4b-PN	DVD-2 (S1)
07/22/1982	PNO-TMI-82-016D: on 820721, video insp of reactor core conducted. Irregular bed of rubble seen w/apparent metal debris & possible fuel pellets. Degraded core condition extends to fuel assemblies adjacent to ctr fuel assembly.	Preliminary Notification	4b-PN	DVD-2 (S1)
07/28/1982	PNO-TMI-82-017: on 820727, gas in first of 49 EPICOR II prefilters sampled & inerted in preparation for shipment. Oxygen not detected. First shipment expected to occur in mid-Aug.	Preliminary Notification	4b-PN	DVD-2 (S1)
08/06/1982	PNO-TMI-82-018: on 820806, licensee will perform video insp of core. Two addl lead screws, 8B near edge of core & 9E between edge & ctr of core, have been removed. Wet, black crud observed as 8B lead screw was removed.	Preliminary Notification	4b-PN	DVD-2 (S1)
08/09/1982	PNO-TMI-82-018A: on 820806, during video insp of reactor core, radiation levels discovered in excess of max. Insp limited to two spider assemblies due to lack of maneuverability. Some melting of upper end fittings evident.	Preliminary Notification	4b-PN	DVD-2 (S1)
08/17/1982	PNO-TMI-82-019: on 820817, first of 49 EPICOR II prefilters (PF-3) shipped from TMI to BNL, West Jefferson, OH. Ion exchange vessel contained 1, 800 Ci radioactive matl. Shipment scheduled to arrive by 820818.	Preliminary Notification	4b-PN	DVD-2 (S1)
10/06/1982	PNO-TMI-82-020: on 821005, game poacher apprehended on util property & turned over to state police & Game Commission. No vital areas threatened. Security increased. Licensee will issue press release.	Preliminary Notification	4b-PN	DVD-2 (S1)
12/20/1982	PNO-TMI-82-021: on 821219, while replacing aircraft warning lights, employee fell from natural draft cooling tower & listed in serious condition at local hosp.	Preliminary Notification	4b-PN	DVD-2 (S1)
01/03/1983	PNO-TMI-83-001: on 821231, second submerged demineralizer system waste vessel shipped to DOE facility in Richland, WA for R&D glass vitrification testing. Shipment scheduled to arrive at DOE facility on 830104.	Preliminary Notification	4b-PN	DVD-2 (S1)
04/22/1983	PNO-TMI-83-002: on 830422, radioactive matl shipment to Scoville, ID not allowed to leave site. Caused by alleged safety concerns for condition of vehicle brakes. Vehicle insp requested.	Preliminary Notification	4b-PN	DVD-2 (S1)

04/25/1983	PNO-TMI-83-002A: on 830422, radioactive matl shipment RS-83-061-II not allowed to leave site due to safety concerns for condition of trailer brakes. Mechanic insp found faulty brakes. Brakes repaPROBABLE DELETE: DUPE OF 8304290160.	Preliminary Notification	4b-PN	DVD-2 (S1)
05/18/1983	PNO-TMI-83-003: on 830518, demonstrators protest at TMI North & South Gates re issues related to recent US Supreme Court decision on psychological stress. Commonwealth of Pennsylvania informationrmed.	Preliminary Notification	4b-PN	DVD-2 (S1)
07/12/1983	PNO-TMI-83-005: on 830712, final two EPICOR II prefilter (PF-24 & PF-31) waste liners shipped from TMI to INEL. Liners will be disposed of at Hanford, WA facility in specially designed high integrity PROBABLE DELETE: DUPE OF 8307150087.	Preliminary Notification	4b-PN	DVD-2 (S1)
07/27/1983	PNO-TMI-83-006: on 830727, util informationrmed TMI Program Ofc that R Parks & Bechtel reached settlement on R Parks Dept of Labor complaint. Neither party will make further public comment other than simultaneous press announcements.	Preliminary Notification	4b-PN	DVD-2 (S1)
08/08/1983	PNO-TMI-83-007: on 830808, mobile crane at TMI-2 made contact w/230 kV power line, source of offsite power for both TMI-1 & 2 auxiliary transformers, resulting in loss of one of two trains of safety-related electrical distribution buses.	Preliminary Notification	4b-PN	DVD-2 (S1)
09/21/1983	PNO-TMI-83-008: on 830920, PUC of PA rejected Met Ed & Pennsylvania Electric request for addl rate payer funds for facility cleanup. Unless addl financial sources forthcoming, cleanup may be further reduced.	Preliminary Notification	4b-PN	DVD-2 (S1)
12/09/1983	PNO-TMI-83-009: on 831208, Advisory Panel for Decontamination of TMI-2 passed resolution connecting cleanup of TMI-2 to restart of TMI-1. TMI-1 will not be restarted until funding plan for TMI-2 in place.	Preliminary Notification	4b-PN	DVD-2 (S1)
02/15/1984	PNO-TMI-84-001: on 840215, initial preparations for load testing reactor building polar crane made. Missile shields moved to load test frame to perform qualification load test. Polar crane operated satisfactorily.	Preliminary Notification	4b-PN	DVD-2 (S1)
02/29/1984	PNO-TMI-84-002: licensee pleaded guilty to one count of using incorrect procedure to determine RCS water inventory & nolo contendere on six of remaining 10 counts, subj to final acceptance by court on 840229.	Preliminary Notification	4b-PN	DVD-2 (S1)
02/29/1984	PNO-TMI-84-002A: on 840229, court accepted licensee plea of guilty to one count of using incorrect procedure to determine RCS water inventory & plea of nolo contendere on six of remaining 10 counts.	Preliminary Notification	4b-PN	DVD-2 (S1)
02/29/1984	PNO-TMI-84-003: on 840229, load test of reactor building polar crane scheduled. Load test will qualify crane to lift 170 ton reactor vessel head. NRC plans to continue monitoring events.	Preliminary Notification	4b-PN	DVD-2 (S1)
03/01/1984	PNO-TMI-84-003A: on 840229, qualification load test of reactor building polar crane completed. Load test qualified crane to lift 170 ton reactor vessel head scheduled for summer.	Preliminary Notification	4b-PN	DVD-2 (S1)
06/07/1984	PNO-TMI-84-004: on 840607, util announced that BK Kanga, director of integrated project organization, will be replaced by F Standerfer. Standerfer served as assistant manager for defense & energy programs for DOE.	Preliminary Notification	4b-PN	DVD-2 (S1)
06/27/1984	PNO-TMI-84-005: licensee successfully completed final pass detensioning of 58 reactor vessel head stud nuts. Actual removal of 58 studs scheduled to occur before Aug 1984.	Preliminary Notification	4b-PN	DVD-2 (S1)
06/28/1984	PNO-TMI-84-006: on 840628, volunteer technician not wearing respirator, entered reactor building to perform radiological control surveillance. Individual exited building w/o detectable skin contamination. Future entries w/o respirators planned.	Preliminary Notification	4b-PN	DVD-2 (S1)
07/05/1984	PNO-TMI-84-007: licensee successfully completed loosening 58 reactor vessel closure studs in preparation for removal from reactor vessel flange. Activity did not affect conditions within reactor pressure vessel.	Preliminary Notification	4b-PN	DVD-2 (S1)
07/24/1984	PNO-TMI-84-008: on 840724, licensee anticipating lifting reactor vessel closure head. Lift monitored at control station located on ring D & inside containment.	Preliminary Notification	4b-PN	DVD-2 (S1)
07/25/1984	PNO-TMI-84-008A: on 840724, reactor vessel closure head lifted clear of reactor vessel flange. Licensee devising means of aligning vessel head w/storage stand guide pins in preparation for lowering head to stand.	Preliminary Notification	4b-PN	DVD-2 (S1)
07/25/1984	PNO-TMI-84-008B: on 840724, reactor vessel closure head set down on storage stand. Placement accomplished by use of pry bar & winch attached to containment wall. NRC will be supplied w/24 h/day coverage until fixture in place.	Preliminary Notification	4b-PN	DVD-2 (S1)
07/26/1984	PNO-TMI-84-008C: on 840726, licensee lifted internals indexing fixture w/polar crane & lowered fixture into place on reactor vessel flange. Containment purging initiated.	Preliminary Notification	4b-PN	DVD-2 (S1)
07/26/1984	PNO-TMI-84-008D: on 840726, lead shield platform put in place over top of internals indexing fixture. While lowering shielding, crane failed. Licensee manually unscrewed lifting turnbuckles until platform made contact.	Preliminary Notification	4b-PN	DVD-2 (S1)
09/07/1984	PNO-TMI-84-009: on 840906, worker TLD indicated 28.8 rem beta exposure. Licensee investigating causes for high dosimeter reading. TLD tested to determine if anomaly exists. None determined.	Preliminary Notification	4b-PN	DVD-2 (S1)
09/18/1984	PNO-TMI-84-009A: on 840906, potential beta radiation overexposure of worker identified. Investigation indicated anomalies in TLD elements monitoring beta radiation. Overexposure discounted. Investigation continuing.	Preliminary Notification	4b-PN	DVD-2 (S1)
09/17/1984	PNO-TMI-84-010: on 840917, reactor building polar crane removed from svc pending completion of repairs & mods. Crane initially taken out of svc on 840817. PROBABLE DELETE: POSSIBLE DUPE OF 8409200305.	Preliminary Notification	4b-PN	DVD-2 (S1)
09/24/1984	PNO-TMI-84-011: on 840725-0802, samples taken from cryogenic gas environmental air samplers indicated higher than anticipated concentrations of Kr-85, but still within 10CFR20 limits. Investigation of high readings continuing.	Preliminary Notification	4b-PN	DVD-2 (S1)
12/06/1984	PNO-TMI-84-012: on 841206, licensee commenced jacking reactor vessel upper plenum 2 1/2 inches w/four hydraulic jacks to inspect underside of plenum in preparation for removing debris.	Preliminary Notification	4b-PN	DVD-2 (S1)
12/12/1984	PNO-TMI-84-012A: on 841211, slight increase in jacking load occurred while jacking reactor vessel upper plenum to 7-1/4 inches. Plenum resting on mechanical followers. No increase in radiation level occurred at working level.	Preliminary Notification	4b-PN	DVD-2 (S1)

01/15/1985	PNO-TMI-85-001: on 850114, after working in seal injection room, TLDs for three workers read 640 mrem whole body & 2, 924 mrem skin. Incident being investigated.	Preliminary Notification	4b-PN	DVD-2 (S1)
02/22/1985	PNO-TMI-85-002: on 850220, using television cameras, lower reactor vessel head examined below core support structure revealing rubble. Further exams on 850221 supported concept that melting had occurred in core area.	Preliminary Notification	4b-PN	DVD-2 (S1)
03/25/1985	PNO-TMI-85-003: on 850322, unanticipated high airborne radioactivity caused actuation of alarms on monitors. Personnel immediately evacuated from auxiliary & fuel handling building. Investigation showed no release from building.	Preliminary Notification	4b-PN	DVD-2 (S1)
05/15/1985	PNO-TMI-85-004: on 850515, upper plenum assembly removed from TMI-2 reactor vessel & placed in storage. Removal will permit unobstructed access to core region for defueling. Defueling scheduled to commence in Sept 1985.	Preliminary Notification	4b-PN	DVD-2 (S1)
06/12/1985	PNO-TMI-85-005: on 850611, small electrical fire occurred on upper level of fuel handling building. Caused by shorted welding cables used for mods to submerged demineralizer system. No personnel injury, equipment damage or radiological release.	Preliminary Notification	4b-PN	DVD-2 (S1)
08/06/1985	PNO-TMI-85-006: on 850718 & 23, NRC & State of WA requirements for radwaste shipments violated. Caused by util incorrectly classifying labeling & certifying 104 barrels. On 850806, shipments of radwaste temporarily suspended.	Preliminary Notification	4b-PN	DVD-2 (S1)
08/14/1985	PNO-TMI-85-007: on 850814, failed test rig hose connection in reactor building spilled 3, 000 gallons of water. Caused by two failed hose clamps. No increase in radiation in reactor building or environmental noted. Fuel transfer canal water level restored.	Preliminary Notification	4b-PN	DVD-2 (S1)
09/05/1985	PNO-TMI-85-008: on 850905, Commonwealth of PA released cancer study finding Aamodt survey allegations contrary to scientific findings & biased in subj selection re 1979 accident at facility.	Preliminary Notification	4b-PN	DVD-2 (S1)
09/25/1985	PNO-TMI-85-009: error in Sr-90 radiochemistry quantitative analysis used since 1981 for solid samples resulted in reporting of one-half actual value. Past shipments of radwaste to Hanford, WA may exceed 10CFR61. 55 requirements.	Preliminary Notification	4b-PN	DVD-2 (S1)
10/28/1985	PNO-TMI-85-010: on 851028, initial phase of defueling damaged reactor core will begin. Defueling will involve manipulation of partial fuel assemblies in preparation for loading into canisters. Press release issued.	Preliminary Notification	4b-PN	DVD-2 (S1)
12/16/1985	PNO-TMI-85-011: on 851214, load drop event occurred when defueling canister & support sleeve fell into reactor vessel. Caused by jib crane being overweighted. Crane taken out of svc pending evaluations re effects on load lift.	Preliminary Notification	4b-PN	DVD-2 (S1)
01/13/1986	PNO-TMI-86-001: on 860112, licensee transferred first three loaded fuel canisters out of reactor building into fuel handling building. Canisters loaded w/core debris. Highest radiation level on transfer shield surface was 20 m/h.	Preliminary Notification	4b-PN	DVD-2 (S1)
01/28/1986	PNO-TMI-86-002: on 860128, electrician passed out on defueling platform while changing light bulbs. Emergency response team responded. Individual examined, frisked & transported to hosp. Cause unknown.	Preliminary Notification	4b-PN	DVD-2 (S1)
04/25/1986	PNO-TMI-86-003: on 860425, contract laborer employed by licensee found small amount of marijuana in personnel change facility within protected area. Substance turned over to security personnel. Investigation underway.	Preliminary Notification	4b-PN	DVD-2 (S1)
08/20/1986	PNO-TMI-86-004: on 860819, worker on defueling platform injured when long-handled tool in reactor vessel dislodged from temporary storage location, pinning hand against rack & causing laceration & possible fracture.	Preliminary Notification	4b-PN	DVD-2 (S1)
12/16/1986	PNO-TMI-86-005: on 861216, worker injured in reactor building containment when temporary lead shield fell. Worker removed from building after receiving first aid by emergency response crew. Worker decontaminated while en route to medical ctr.	Preliminary Notification	4b-PN	DVD-2 (S1)
02/26/1987	PNO-TMI-87-001: on 870225, radioactive sample container in bed of truck discovered offsite for 2 h. Caused by container apparently placed in truck when matl transported from one onsite location to another. Container sealed & tagged.	Preliminary Notification	4b-PN	DVD-2 (S1)
03/26/1987	PNO-TMI-87-002: on 870324, train carrying two shipping casks containing TMI-2 core debris struck automobile in St Louis, MO. Train engine received minor damage but shipping casks not damaged. No release of radioactive matls detected.	Preliminary Notification	4b-PN	DVD-2 (S1)
05/04/1987	PNO-TMI-87-003: on 870503, 4-inch diameter reinformationrced rubber pump discharge hose ruptured on defueling water cleanup system spilling approx 150 gallons of unfiltered reactor coolant. Three persons sprayed w/water decontaminated.	Preliminary Notification	4b-PN	DVD-2 (S1)
11/12/1987	PNO-TMI-87-004: on 871026, improperly solidified shipment of Class B waste identified. Waste transported to Barnwell disposal site from facility. Corrective actions to be submitted to state no later than 871125.	Preliminary Notification	4b-PN	DVD-2 (S1)
11/30/1987	PNO-TMI-87-005: on 871124, licensee informationrmed NRC that investigation re 870709 allegation of shift supervisor sleeping on shift has been finalized & rept will be provided to NRC. Util dismissed shift supervisor under investigation.	Preliminary Notification	4b-PN	DVD-2 (S1)
06/10/1980	PNO-V-80-050: on 800610, of 128 drums of low level radwaste received, one had broken locking ring & four had loose locking rings. No significant radioactive contamination. WA cancelled burial permit & banned util from use of site.	Preliminary Notification	4b-PN	DVD-2 (S1)
05/05/1982	PNO-V-82-023: on 820503, shipment of low level waste from TMI-2 found to contain one 55 gallon drum w/broken locking ring bolt & open lid. Containment check indicated no loose radioactive containment. Drum placed in overpack.	Preliminary Notification	4b-PN	DVD-2 (S1)