

Civil Penalties
Since January 1, 1987

EA No. Licensee & Facility	Proposed Date Civ. Pen. Proposed	Amount Date Paid Paid	Description of Case	Close [T, F]
86-110 SACR. MUN. UTIL. DIST. RANCHO SECO	100000 01/13/89	100000 02/13/89	Improper release of radioactive effluents	.T.
86-148 WISC. ELECTRIC POWER CO. POINT BEACH	50000 03/11/87	50000 12/18/87	VIOLATIONS INVOLVING DEGRADED VITAL AREA BARRIERS	.T.
86-176 OMAHA PUB. PWR. DIST. FT. CALHDUN	50000 01/26/87	50000 09/23/87	VIOL INVOL'G A FIALURE TO PERFORM A PROPER SAFETY EVAL PER 10 CFR 50.59 FOR MOD ON AUX FEEDWATER SYS	.T.
86-185 RIVERTON HOSPITAL RIVERTON, WY	2500 01/21/87	2500 06/19/87	Failure to restric use of lic'd mat'l to qualified/authorized users properly follow assay procedures.	.T.
86-191 UNIV. OF MISSOURI COLUMBIA, MO	4000 01/15/87	4000 05/27/87	Violations involving extremity overexposures and inadequate rad. hazard evaluation during a pellet handling operation.	.T.
86-197 POWER AUTHORITY OF NY INDIAN POINT 3	50000 01/20/87	50000 03/10/87	Heatup of reactor above cold shutdown with both recir pumps and both containment spray pumps inoperable.	.T.
86-198 YELLOWSTONE CT. SURVEYORPILLINGS, MT	500 02/09/87	500 05/26/87		.T.
86-201 GREDE FOUNDRIES INC. MILWAUKEE, WI	7500 04/01/87	7500 04/14/87	Rad surveys made by unauth'd /unqual'd indivi and erroneously logged as being made by qualified individual.	.T.
87-002 DAIKYLAND PWR. CORP. LACROSSE	25000 02/24/87	25000 10/19/87	MULTIPLE VIOL'S OF NRC REGMTS CONCERNING THE LICENSEE'S SAFEGUARDS INFORMATION PROTECTION PROGRAM.	.T.
87-003 SOILS & MATERIALS ENG. LIVONIA, MI	500 02/11/87	500 03/10/87	Failure to eval rad-doses to an individual train individuals in use of lic'd gauges make timely leak tests properly transport gauges & store gauges	.T.
87-005 PHILADELPHIA ELEC. CO. PEACH BOTTOM	50000 02/09/87	50000 03/06/87	Contractor health physics tech employment term by lic for engaging in poten activity, pursuing radiological concern that he may have rec'd rad exposure	.T.
87-006 DALY MEMORIAL HOSPITAL HAMILTON, MT	1250 02/18/87	1250 03/17/87	Failure to supervise use of licensed material have survey instrument in calibration test dose calibration quantity maintain proper controls.	.T.
87-008 DUKE POWER CO. MCGUIRE	50000 03/06/87	50000 04/03/87	Failure to adequately establish and maintain the operability of the stations nuclear service water system	.T.
87-011 ILLINOIS POWER CO. CLINTON	75000 03/03/87	75000 03/31/87	Deficiencies in QA prog to ensure plant mods properly design & imple & testing adequately maintain & mods were performed as intended.	.T.
87-013 IND. MICH. ELECTRIC DC COOK	50000 03/12/87	50000 04/10/87	Viol's involving the licensee's operation staff rendering both independent ECCS subsystems inop in Mode 1 contrary to tech spec LCOS.	.T.

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87-014 DUKE POWER CO. COONEE	25000 03/12/87	0 / /	FAILURE TO PROVIDE ADEQUATE DESIGN CTRL FOR EMERG. FEEDWATER PUMPS.	.T.
87-016 COMMONWEALTH EDISON CO. BYRON	50000 03/26/87	50000 04/24/87	Failure to obtain prior NRC approval of a change in acceptance criteria for a reactor coolant flow coast down test from that described in the FSAR.	.T.
87-018 NORLAND INSTRUMENTS FORT ATKINSON, WI	500 03/04/87	500 03/27/87	Failure to control lic material in unrestricted area comply with DOT requirements follow proper procedures for issuance of license material.	.T.
87-019 PROGRAM RESOURCES FREDERICK, MD	2500 02/27/87	2500 03/13/87	Radiation exposure/overexposure.	.T.
87-021 HURON MERCY HOSPITAL FORT HURON, MI	2500 03/09/87	2500 06/11/87	Failure to perform bioassays instrument calibration tests leak tests and maintain proper records.	.T.
87-024 B & W NAVY LYNCHBURG, VA	6250 03/13/87	6250 04/08/87	Management breakdown. Failure to do surveys, audits, training	.T.
87-026 COMMONWEALTH EDISON CO. DRESDEN	25000 04/23/87	25000 05/22/87	Weakness in ctrl of plant mod's involving design changes, instal of equipment, procedures and instruction, QA/QC overview, cor act & ctrl of testing.	.T.
87-027 GEORGIA POWER CO. HATCH	50000 04/08/87	50000 05/08/87	Failure to follow procedures resulting in loss of 141,000 gallons of water from spent fuel pool transfer	.T.
87-028 RAD. STERILIZERS, INC. MENLO PARK, CA	10000 03/17/87	5000 02/22/88	Numerous health physics violations.	.T.
87-030 CINTICHEM, INC. TUXEDO, NY	12500 03/26/87	12500 04/23/87	Accumulated rad. exposure to left hand of maintenance worker handling contaminated equipment, inadequate surveys, records, postings.	.T.
87-031 LTV STEEL COMPANY, INC. CLEVELAND, OH	2000 04/08/87	2000 08/25/87	MAINTAIN LICENSED MATERIAL UNDER CONSTANT SURVEILLANCE AND CNTRL & MULT FAIL TO INVENTORY LICENSED MATERIAL EVERY SIX MONTHS	.T.
87-034 RAPPAHANNOCK HOSP. KILMARNOCK, VA	750 04/06/87	750 04/15/87	Failure to perform tests for contam on external surfaces, have quarterly rad. safety comm. mtg & perform formal annual reviews of rad. safety program.	.T.
87-035 HALLIBURTON CO. DUNCAN, OK	1000 09/23/87	1000 10/22/87	VIOL'S INVOLVING UNAUTHORIZED USE OF BYPRODUCT MATERIAL AND FAILURE TO SURVEY, INSTRUCT INDIVIDUALS, MAINTAIN RECORDS, AND POOR DOCUMENTS & NOTICE.	.T.
87-038 NEWPORT NEWS SB & DD CO. NEWPORT NEWS, VA	2000 04/14/87	0 / /	OVEREXPOSURE DURING NORMAL OPERATION AND DURING RETRIEVAL OF RADIOGRAPHY SOURCE.	.T.

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87-040 FLORIDA POWER & LIGHT COTURKEY POINT	75000 04/21/87	75000 05/14/87	Violation of physical security plant and security guard asleep on duty and an unescorted visitor in vital area.	.T.
87-042 CLEVELAND CLINIC FOUNDA.CLEVELAND, OH	2500 04/15/87	2500 05/14/87	Failure to make timely notif to NRC re therapeutic admin obtain approval of physician to use lic'd mat'l.	.T.
87-045 MISSOURI MOHAWK NINE MILE POINT	50000 04/29/87	50000 05/19/87	Failure to follow station procedures evaluate test results & perform an adequate rad. survey and provide adequate rad. surveillance.	.T.
87-047 FLORIDA POWER CORP. CRYSTAL RIVER	50000 04/22/87	50000 05/20/87	Viol's of phys security plant invl'g security guard asleep on duty & fail of security guards to ck badge auth'tion against access auth list	.T.
87-048 POWER AUTHORITY OF NY FITZPATRICK	75000 04/22/87	75000 05/21/87	Unplanned exposure to a contractor employee (right hand in excess of one calendar quarter limit).	.T.
87-049 COMMONWEALTH EDISON CO. DRESDEN	25000 04/24/87	25000 05/22/87	Failure to maintain primary containment integrity when reactor water temperature exceeded 218 F.	.T.
87-050 DETROIT EDISON CO. FORM	100000 05/14/87	100000 06/12/87	Deficiencies in implementation of surveillance testing program.	.T.
87-052 U.S. TESTING CO. INC. UNITECH SERVICES	250000 09/22/89	150000 03/30/90	NUMEROUS HEALTH PHYSICS VIOLATIONS, INCLUDING OVEREXPOSURE	.T.
87-053 COMMONWEALTH EDISON CO. DRESDEN	50000 05/13/87	50000 06/12/87	Failure to ensure integrity of the protected area boundary.	.T.
87-054 INDUSTRIAL ROOFING, INCHAFIELD, PA	500 05/04/87	500 05/21/87	Unauth storage of a moisture density gauge contained lic'd mat'l and failure to secure gauge against unauth'd removal.	.T.
87-058 CENTRO DENTALMOLOGIC MET PUERTO RICO	750 06/24/87	750 09/04/87	USE OF LICENSED MATERIAL BY UNAUTHORIZED USER	.T.
87-060 PORTLAND GEN. ELEC. TROLAN	50000 06/04/87	50000 06/30/87	Failure to estab & imple rad. prot. progr. train workers perform rad. surveys maintain records of survey results.	.T.
87-062 ARKANSAS PWR. & LIGHT AND	25000 06/25/87	25000 03/22/88	Pressurizer safety valve had set pressure approx. 500 psi higher than setting specified in tech specs.	.T.
87-063 SOUTH CAL. EDISON CO. SAN ONOFRE	100000 06/25/87	100000 07/15/87	SEVERAL EXPLS OF FAILURE TO CTRL BYPRODUCT MATERIAL FAILURE TO RPT OVEREXPOSURE IN A TIMELY MANNER	.T.
87-065 PITTSBURGH TESTING LAB. PITTSBURGH, PA	5000 05/21/87	5000 06/05/87	Failure to maintain surv of a hi-rad area, resulting in exposure improperly trained & uncertified person handling rad devices & moisture density gauge	.T.

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87-069 E. I. DUPONT BOSTON, MA	12500 05/28/87	12500 06/22/87	A technologist did not follow licensee's procedures and received an overexposure of small portion of left thumb.	.T.
87-074 WHEELING HOSPITAL, INC. WHEELING, WV	2500 08/03/87	1429 01/04/88	fourteen categories of health physics violations	.T.
87-075 HITWELL SURVEYS, INC. PARKERSBURG, WV	750 07/10/87	750 07/23/87	FAIL TO PERMIT ONLY AUTH INDIVI TO USE BYPRODUCT MATE TO MAINTAIN PHYS RAD LEVELS ON THE EXT OF TRANSPORT VEH PERFORM SURVS & LEAK TESTS	.T.
87-077 BALTIMORE GAS & ELEC. CALVERT CLIFFS	300000 04/28/88	300000 04/18/89	EQ - Lack of qualification for EQ equipment	.T.
87-079 EASTERN TESTING & INSP. PENNSAUKEN, NJ	8500 07/24/87	3250 11/20/89		.T.
87-080 CONSUMERS POWER CO. BIG ROCK PT.	187500 09/22/88	187500 02/24/89	EQ violation	.T.
87-081 COMMONWEALTH EDISON CO. DRESDEN	150000 04/29/88	150000 06/02/89	EQ violations AMP splices category B problem	.T.
87-082 COMMONWEALTH EDISON CO. GUARD-CITIES	150000 10/20/88	75000 06/02/89	EQ violation	.T.
87-083 IOWA ELEC. PWR. & LIGHT DUANE ARNOLD	50000 10/21/88	50000 11/21/88	EQ - Environmental Qualification	.T.
87-084 AITEC LABORATORIES KANSAS CITY, MO	500 02/30/87	500 12/31/88	Lack of oversight and control of radiation safety program resulting in multiple violations.	.T.
87-085 FLORIDA POWER & LIGHT COTURKEY POINT	225000 10/19/87	225000 11/18/87	LOSS EMERG. BORATION FLOWPATHS ISOLA OF BACKUP NITROGEN SYS FEEDWATER SYS FLOW CTRL VALVE OPERATION OF INTAKE COOLING WATER SYST OUTSIDE PLANT DESIGN	.T.
87-088 PHILADELPHIA ELEC. CO. PEACH BOTTOM	50000 07/29/87	50000 08/28/87	NUMEROUS EXAMPLES OF FAILURE TO MEET FIRE PROTECTION REQUIREMENTS (10 CFR PART 50 - APPENDIX R)	.T.
87-090 ARKANSAS PWR. & LIGHT AND	75000 07/02/87	75000 03/04/88	Inadequate vital area barriers and security guards being found asleep at a compensatory point.	.T.
87-092 G.P.U. OYSTER CREEK	205000 08/24/87	205000 09/22/87	3 VIOL ASSOC W/SUPPRESSION CHAMBER-TORUS VACUUM BRKRS, REACTOR BLDG-TORUS VACUUM BRKRS, & PROCEDURES FOR MAKING TEMPORARY VARIATION TO THE FACILITY	.T.
87-093 NORWALK HOSPITAL NORWALK, CT	2500 06/25/87	2500 10/15/87	FAILURE TO DISPOSE OF LICENSED MATERIAL PROPERLY TO WEAR PROTECTIVE CLOTHING AND MET OTHER LICENSE REQUIREMENTS.	.T.

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87-094 GOODWELL LPTON, WY	1000 08/06/87	1000 08/24/87	Rad levels exceeding limits, failure to perform rad survey & failure to maintain adequate personnel monitoring records	.T.
87-096 INDIVIDUAL ELKINS, WV	500 07/17/87	500 02/09/88		.T.
87-097 FLORIDA POWER & LIGHT COTURKEY POINT	100000 07/21/87	100000 08/20/87	FAIL TO TAKE PROMPT CORR ACT FOR A REAC COOLANT LEAK RESULTG IN BORIC ACID CORROS OF REAC DIESEL HEAD COMPONENTS CORE ALTERATION W/O OPERABLE SYSTEM	.T.
87-098 FLORIDA POWER & LIGHT COTURKEY POINT	75000 07/28/87	75000 11/23/87	2 VIOL'S INVOLVING FAILURE TO (1) MAINTAIN POSITIVE ACCESS CTRL OVER PERSONNEL AND EQUIP. AND (2) PERFORM AN ADEQUATE VEHICLE SEARCH.	.T.
87-100 GEORGIA POWER CO. VOGTLE	200000 09/04/87	200000 10/21/87	failure to (1) imple. adeq. comp. meas. (2) follow sec. proc., and (3) maintain positive access control over the facility	.T.
87-101 DUKE POWER CO. DODDNEE	25000 07/17/87	25000 08/14/87	FAILURE TO PROPERLY IMPL A STARTUP PROCE WHICH RESULTED IN 2 HI-PRESS INJECT TRAINS AND ALL THREE REACTOR BLDG COOLING UNITS BEING INOPERABLE.	.T.
87-105 COMMONWEALTH EDISON CO. LION	50000 10/02/87	50000 10/30/87	FAILURE TO INSTALL CONTROL RM EMERG. VENT. SYST. DESCRIBED IN THE FSAR, RESULTING IN UNANALYZED AIR INLEAKAGES.	.T.
87-106 NIAGARA MOHAWK NINE MILE POINT	2500 08/13/87	2500 10/09/87	VIOL. INVOLVING SHIPMENT OF MATERIAL W/EXTERNAL SURFACE RAD. LEVEL IN EXCESS OF REGULATORY LIMIT.	.T.
87-107 YANKEE ATOMIC ELEC. CO. YANKEE ROWE	25000 07/24/87	25000 08/07/87	compensatory measures, failure to notify appropriate personnel of degradation of security system, failure to complete security records	.T.
87-108 SEQUOYAH FUELS OKLAHOMA CITY, OK	8000 09/01/87	8000 03/01/88	Improper practice by supervision that involved overheating of UF ₆ cylinders resulting in a rupture of one cylinder	.T.
87-110 CAROLINA PWR. & LIGHT H.B. ROBINSON	50000 09/18/87	50000 10/16/87	Failure to provide adequate fire protection features for system needed to achieve shutdown.	.T.
87-113 ST. LUKE RADIOLOGIST CLEVELAND, OH	1250 07/17/87	1050 08/18/87	FAILURE OF A TECHNICIAN TO THOROUGHLY REVIEW PATIENT'S DOSE COMPUTATION SHEET, RESULTING IN EXCESSIVE DOSE.	.T.
87-115 GEORGIA POWER CO. VOGTLE	50000 09/03/87	50000 10/05/87	IMPROPER EVAL. OF COMPONENT AND SYS OPERABILITY AND FAILURE TO TAKE PROPER CORRECTIVE ACTION	.T.
87-121 CONSOLIDATED NDE, INC. WOODBRIIDGE, NJ	5000 07/15/87	5000 11/20/87	FAILURE MAINTAIN DIRECT SURV. HI-RAD AREA RESULTG IN INDIV'S GAINING ACCESS TO AREA WHILE RAD SOURCE WAS EXPO'D AND PROPERLY POST WARNING SIGNS.	.T.
87-124 CAROLINA PWR. & LIGHT H.B. ROBINSON	50000 11/13/87	50000 09/09/88		.T.

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87-125 V.A. MEDICAL CENTER WICHITA, KA	2500 04/13/88	2500 08/18/88	Management breakdown unauthorized user/RSD	.T.
87-126 ATEC ASSO. OF VA. ALEXANDRIA, VA	400 08/19/87	400 09/15/87	FAILURE TO CTRL LICENSED MATERIAL (TROXLER GAUGE LEFT UNATTENDED AND UNSECURED IN AN UNRESTRICTED AREA, OVERNIGHT, WAS STOLEN)	.T.
87-127 TIDEWATER MEMORIAL HOSP. TAPPANNOCK, VA	2500 09/11/87	2416 02/04/89		.T.
87-128 FROEHLING & ROBERTSON RICHMOND, VA	5000 11/06/87	4200 04/14/89		.T.
87-133 DETROIT EDISON CO. FERMI	75000 09/24/87	75000 10/23/87	UNPLANNED/UNCONTROLLED HEATUP OF REACTOR RESUL. IN CHANGE FRM MODE 4 (COLD SHUT) TO MODE 3 (HOT SHUT) IN VIOL OF FACILITY T5s	.T.
87-138 NORTHERN STATES PWR. PRAIRIE ISLAND	25000 09/18/87	25000 10/01/87	FAILURE TO VERIFY THE POWER SUPPLY BREAKER FOR A SAFETY INJECTION PUMP WAS IN FULL REACH-IN POSITION RESL. IN INOPERAB. OF PUMP DUR. STARTUP	.T.
87-140 WEGO PERFORATORS ADA, OKLAHOMA	500 12/16/87	500 01/15/87		.T.
87-141 E. L. CONWELL BRIDGEPORT, PA	1000 08/18/87	1000 09/23/87	TWO EXAMPLES INVOLVING FAILURE TO SECURE OR MAINTAIN CONSTANT SURVEILLANCE OF LICENSED MATERIAL IN UNRESTRICTED AREA.	.T.
87-142 ALABAMA PWR. CO. PARLEY	50000 11/03/87	50000 06/17/88	VIOLATIONS OF 10 CFR PART 50 APPENDIX B IN AREAS OF PROCUREMENT AND VENDOR INTERFACE	.T.
87-148 H & S INSPECTION CO. HOUSTON, TX	7500 10/26/87	3000 01/25/89	supplemental response 2/11/88 hearing requested	.T.
87-147 NORTHERN STATES PWR. MONTICELLO	50000 10/05/87	50000 03/08/88		.T.
87-155 UNIV. OF VIRGINIA CHARLOTTESVILLE, VA	2500 10/26/87	1250 03/25/88		.T.
87-157 BECKLEY APPALACHIAN HOSP. BECKLEY, WV	5000 10/27/87	1000 03/22/88		.T.
87-160 S & W NAVY LYNCHBURG, VA	12500 10/22/87	12500 11/20/87	NUMEROUS VIOL OF RAD SAFETY REGMS INCLUDING FAILURE TO DO ADEQUATE BIOASSAY EVAL., WEAR PROTECTIVE CLOTHING, AND DO ADEQUATE SURVEYS.	.T.
87-163 DUKE POWER CO. MC GUIRE	100000 10/26/87	100000 04/01/88		.T.
87-164 BOSTON EDISON CO. PILGRIM	50000 11/01/88	50000 11/28/88	VA door could be opened from outside (alarm would sound) sec. super. failed to report	.T.
87-165 CAROLINA PWR. & LIGHT BRUNSWICK	50000 05/05/88	50000 07/26/89	EQ - Environmental Qualification	.T.
87-166 CAROLINA PWR. & LIGHT H.B. ROBINSON	450000 06/16/88	450000 04/27/90	EQ - Environmental Qualification	.T.
87-170 PROFESSIONAL SERVICE OAK BROOK, IL	2250 10/01/87	2250 10/26/87	FAILURE TO SECURE A MOISTURE-DENSITY GAUGE STORED IN AN UNRESTRICTED AREA, WHICH WAS LATER STOLEN FROM THE TRUCK.	.T.

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87-175 BP OIL, INC. MARCUS HOOK, PA	2000 10/22/87	2000 03/15/88		.T.
87-178 OSAGE WIRELINE CLEVELAND, OK	1500 12/22/87	1450 05/27/88	NUMEROUS VIOLATIONS - BREAKDOWN IN RADIATION SAFETY PROGRAM	.T.
87-179 FLORIDA POWER & LIGHT COTURKEY POINT	150000 02/11/88	150000 03/14/88	allowing cleared individuals into the protected area without search or badging, protection of safeguards information, sleeping guard	.T.
87-180 UNIV. OF MISSOURI COLUMBIA, MO	5000 10/28/87	5000 11/18/87	VIOL'S INVOLVING EXTREMITY OVEREXPOSURE AND FAILURE TO TRAIN AN INDIVIDUAL AND EVALUATE THAT INDIVIDUALS QUALIFICATIONS	.T.
87-182 WISC. ELECTRIC POWER CO. POINT BEACH	25000 10/29/87	25000 11/19/87	FAILURE TO RPT OR NOTIFY PLANT MANAGERS OF EVENT (PURUSANT TO 10 CFR 50.72)	.T.
87-184 PRECISION LOGGING CLEVELAND, OK	1000 12/10/87	500 03/15/89	Management breakdown of rad. safety program	.T.
87-185 S.P.U. OYSTER CREEK	50000 01/18/89	50000 02/14/89	Safety limit violation	.T.
87-189 MILFORD MEMORIAL HDSP MILFORD, DE	27500 06/06/88	27500 07/05/88	FALSIFICATION OF DOSE CALIBRATOR RECORDS AND RADIATION SAFETY COMMITTEE MEETING MINUTES	.T.
87-192 DUKE POWER CO. MCQUIRE	25000 01/29/88	25000 02/26/88		.T.
87-194 UNION ELEC. CO. GALLAWAY	50000 11/09/87	50000 12/08/87	INOPERABILITY OF CTAL RM EMERG. VENT. SYS. DUE TO A MOD. FAILURE TO PERFORM ADEQUATE SAF EVAL. FOR MOD. FAILURE TO TAKE CORR. ACT ON IDENT SYS DEFIC	.T.
87-193 COMPLETION ENGINEERING WINDSOR, CT	12500 01/25/88	12500 02/23/88		.T.
87-198 NORTHEAST UTILITIES MILLSTONE	25000 12/14/87	25000 01/29/88	access control, search, escort	.T.
87-200 OMAHA PUB. PWR. DIST. FT. CALHOUN	75000 01/19/88	75000 02/18/88		.T.
87-202 CONSUMERS POWER CO. BIG ROCK PT.	25000 12/02/87	25000 01/04/88	opening in false ceiling would have allowed access from the protected area to the vital area	.T.
87-205 PAYNE AND PAYNE SHAWNEE, OK	1600 09/20/88	1600 10/14/88	breakdown management control of rad. safety program, willful viol. of nrc requirements	.T.
87-206 CLEVELAND ELEC. PERRY	25000 02/11/88	25000 03/21/88	EQ	.T.
87-207 COMMONWEALTH EDISON CO. DRESDEN	50000 02/11/88	50000 03/15/88		.T.
87-210 OMAHA PUB. PWR. DIST. FT. CALHOUN	175000 02/22/88	175000 03/22/88		.T.
87-211 COMMONWEALTH EDISON CO. ZION	100000 01/04/88	100000 06/27/88	FAILURE TO ESTABLISH AND IMPLEMENT ADEQUATE TEST PROGRAM FOR PRESSURE ISOLATION VALVES	.T.
87-213 KANSAS GAS & ELEC. CO. WOLF CREEK	100000 03/17/88	100000 08/18/88	Refueling outage violations	.T.

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87-214 UNITED HOSPITAL CENTER CLARKSBURG, WV	1250 01/27/88	1250 02/03/88		.T.
87-215 MEAD CORP MI, PA, VA	1500 12/18/87	1500 01/21/88		.T.
87-216 FLORIDA POWER CORP. CRYSTAL RIVER	100000 03/17/88	50000 12/15/88	Unplanned uncontrolled exposure, unauthorized entries into high radiation areas	.T.
87-219 TOLEDO EDISON CO. DAVIS-BESSE	25000 12/18/87	25000 01/18/88		.T.
87-224 NIAGARA MOHAWK NINE MILE POINT	100000 03/14/88	100000 04/13/88		.T.
87-226 CASE WESTERN RESERVE CLEVELAND, OH	10000 02/23/88	10000 03/24/88		.T.
87-227 ARIANDAS PWR. & LIGHT AND	100000 03/14/88	100000 04/28/88	TEMPERATURES IN EXCESS OF DESIGN INSIDE CONTAINMENT	.T.
87-231 BIOMEDICAL DIAG SERVICE TROY, MI	750 02/01/89	750 03/21/89	Lack of management oversight	.T.
87-232 DETROIT EDISON CO. FERMI	25000 02/11/88	25000 03/12/88		.T.
87-234 ST. LOUIS UNIV ST. LOUIS, MO	6000 01/29/88	6000 06/15/88		.T.
87-236 HOUSTON LIGHT & PWR. CO. SOUTH TEXAS	50000 03/09/88	50000 03/31/88	keycard and access control, escort, inadequate computer control in DAS/SAS, improper handling of S-field, training, testing of explosives detectors	.T.
87-237 NEBRASKA PUB. PWR. C187, COOPER	25000 03/14/88	25000 04/14/88	inadequate vehicle search	.T.
87-240 HOUSTON LIGHT & PWR. CO. SOUTH TEXAS	75000 02/11/88	75000 02/17/88		.T.
87-241 MICRO MEDIDS WOBURN, MA	500 03/29/88	500 05/03/88	BREAKDOWN IN MANAGEMENT RAD SAFETY PROGRAM, WASTE CONTROL EFFLUENT EVALUATIONS, WASTE SURVEYS	.T.
87-243 GAMMA DIAGNOSTIC LAB ATTLEBORO FALLS, MASS	5000 02/11/88	2500 07/15/88	Extremity overexposure	.T.
87-246 VA ELEC. & PWR. CO. NORTH ANNA	100000 03/08/88	100000 04/07/88		.T.
88-004 PHILADELPHIA ELEC. CO. PEACH BOTTOM	1250000 06/10/88	1250000 09/08/88	INATTENTIVE OPERATORS	.T.
88-005 OPER PEACH BOTTOM	500 08/09/88	500 09/07/88	INATTENTIVE OPERATOR	.T.
88-006 OPER PEACH BOTTOM	800 08/09/88	800 09/26/88	Inattentive supervisory operator	.T.
88-007 OPER PEACH BOTTOM	800 08/09/88	800 09/06/88	Inattentive supervisory operator	.T.
88-008 OPER PEACH BOTTOM	500 08/09/88	500 09/07/88	Inattentive operator	.T.

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EA No. Licensee & Facility	Proposed Date Civ. Pen. Proposed	Amount Date Paid Paid	Description of Case	Closed (T/F)
BB-009 OPER PEACH BOTTOM	500 08/09/88	500 09/23/88	Inattentive operator	.T.
BB-010 OPER PEACH BOTTOM	500 08/09/88	500 09/19/88	Inattentive operator	.T.
BB-011 OPER PEACH BOTTOM	500 08/09/88	500 09/07/88	Inattentive operator	.T.
BB-012 OPER PEACH BOTTOM	500 08/09/88	500 09/26/88	Inattentive operator	.T.
BB-013 OPER PEACH BOTTOM	500 08/09/88	500 09/21/88	Inattentive operator	.T.
BB-014 OPER PEACH BOTTOM	500 08/09/88	500 08/26/88	Inattentive operator	.T.
BB-015 OPER PEACH BOTTOM	800 08/09/88	800 09/26/88	Inattentive shift supervisor	.T.
BB-016 OPER PEACH BOTTOM	500 08/09/88	500 09/28/88	Inattentive operator	.T.
BB-018 OPER PEACH BOTTOM	500 08/09/88	500 09/07/88	Inattentive operator	.T.
BB-019 OPER PEACH BOTTOM	500 08/09/88	500 09/06/88	Inattentive operator	.T.
BB-020 OPER PEACH BOTTOM	500 08/09/88	500 09/07/88	Inattentive operator	.T.
BB-021 OPER PEACH BOTTOM	500 08/09/88	500 09/19/88	Inattentive operator	.T.
BB-022 OPER PEACH BOTTOM	800 08/09/88	800 09/06/88	Inattentive operator	.T.
BB-023 OPER PEACH BOTTOM	500 08/09/88	500 08/31/88	Inattentive operator	.T.
BB-025 OPER PEACH BOTTOM	500 08/09/88	500 09/07/88	Inattentive operator	.T.
BB-026 OPER PEACH BOTTOM	500 08/09/88	500 09/19/88	Inattentive operator	.T.
BB-027 OPER PEACH BOTTOM	800 08/09/88	800 09/07/88	Inattentive operator	.T.
BB-028 OPER PEACH BOTTOM	500 08/09/88	500 09/07/88	Inattentive operator	.T.
BB-030 OPER PEACH BOTTOM	800 08/09/88	800 09/07/88	Inattentive operator	.T.
BB-031 OPER PEACH BOTTOM	500 08/09/88	500 09/07/88	Inattentive operator	.T.
BB-032 GEORGIA INSTI OF TECH ATLANTA, GA	5000 11/15/88	5000 12/20/88	Improper opening of irradiated topaz container resulted in contamination of reactor building	.T.
BB-034 FLORIDA POWER CORP. CRYSTAL RIVER	50000 05/04/88	25000 11/22/88	Failure to translate correctly a design change involving emergency diesel generator into TS and procedures.	.T.

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BB-039 V.A. MEDICAL CENTER LOMA LINDA, CA	6500 05/10/89	6500 06/13/89	Mgmt oversight, B7 inspect fail's, film badges, eval's, training, dose cal, etc. 4 repeats B5 & B6 inspect. Followup inspect B9 2 repeats B7 4 no cp slvs	.T.
BB-040 ALABAMA PWR. CO. FARLEY	450000 08/15/88	0 / /	EQ - Environmental Qualification	.F.
BB-044 PUB. SERV. ELEC. & GAS SALEM	50000 03/29/88	50000 04/28/88	FIRE PROTECTION, APPENDIX R	.T.
BB-044 DUBLIN DIABETES CTR BOSTON, MA	2500 04/05/88	625 06/15/88	Excessive cumulative radiation exposure to hand of research investigator	.T.
BB-061 NORTHEAST UTILITIES MILLSTONE	50000 04/12/88	50000 05/09/88	INOPERABLE COLD OVERPRESSURE PROTECTION SYSTEM AND SUBSEQUENT PRESSURE TRANSIENT	.T.
BB-062 ARIZONA PUBLIC SERV. PALO VERDE	100000 04/13/88	100000 05/13/88	INOPERABLE TURBINE DRIVEN AUXILIARY FEEDWATER PUMPS (UNITS 1 & 2)	.T.
BB-063 HOSPITAL METROPOLITANO SAN JUAN, PR	2500 06/07/88	2500 07/13/88	BREAKDOWN IN MANAGEMENT CONTROL	.T.
BB-072 OMAHA PUB. PWR. DIST. FT. CALHOUN	112500 05/04/88	112500 06/02/88	Breakdown in radiation protection program - unlocked high radiation doors	.T.
BB-074 VA ELEC. & PWR. CO. SURREY	50000 06/13/88	50000 07/13/88	FAILURE TO VERIFY OPERABILITY OF BORIC ACID PIPING HEAT TRACING CIRCUITS AS REQUIRED BY TS	.T.
BB-075 OPER PEACH BOTTOM	1000 08/09/88	1000 09/07/88	Inattentive operator	.T.
BB-076 OPER PEACH BOTTOM	1000 08/09/88	1000 09/09/88	Inattentive operator	.T.
BB-077 OPER PEACH BOTTOM	1000 08/09/88	1000 09/06/88	Inattentive operator	.T.
BB-078 OPER PEACH BOTTOM	1000 08/09/88	1000 09/27/88	Inattentive operator	.T.
BB-079 OPER PEACH BOTTOM	1000 08/09/88	1000 09/07/88	Inattentive operator	.T.
BB-080 OPER PEACH BOTTOM	1000 08/09/88	1000 09/01/88	Inattentive operator	.T.
BB-081 OPER PEACH BOTTOM	500 08/09/88	500 09/23/88	Inattentive operator	.T.
BB-086 T.V.A. SEQUOYAH	50000 06/03/88	50000 07/18/88	TWO INOPERABLE CHARGING PUMPS	.T.
BB-087 U.S. AIR FORCE WRIGHT PATTERSON AFB	102500 06/17/88	102500 07/20/89	Spill of americium-241	.T.
BB-088 CAROLINA PWR. & LIGHT H.B. ROBINSON	50000 06/15/88	50000 04/14/89	FAILURE TO ADEQUATELY EVALUATE FACILITY SAFETY INJECTION SYSTEM DESIGN IN ACCORDANCE W/10 CFR 50.46	.T.
BB-090 ILLINOIS POWER CO. CLINTON	75000 06/01/88	75000 11/14/88	EQ - Failure to qualify by test elect equip junction boxes, butt splices and wire caps per 10 CFR 50.49(f).	.T.
BB-091 COMMONWEALTH EDISON CO. BRAIDWOOD	50000 05/06/88	50000 11/18/88	Fail. to check adequacy of design change, demonstrate system operability and modify system components	.T.

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EA No. Licensee & Facility	Proposed Date Civ. Pen. Proposed	Amount Date Paid Paid	Description of Case	Closed Y/N
BB-092 TEXAS A & M COLLEGE STATION, TX	5000 07/13/88	5000 07/21/88	Shortcomings in radiation protection program that could have resulted in an overexposure	.T.
BB-093 PROFESSIONAL SERVICE LOMBARD, IL	500 05/19/88	500 06/17/88	TEMPORARY LOSS OF GAUGE FAILURE TO SECURE GAUGE BY BLOCK, BY CLIPPING AND SECURING IN CASE ON TRUCK	.T.
BB-094 UNITED NUCLEAR CORP. UNCASVILLE, CT	12500 06/13/88	12500 07/11/88	LACK OF MANAGEMENT AND SUPERVISORY OVERSIGHT OF THE HEALTH PHYSICS PROGRAM	.T.
BB-097 BRIDGETON HOSPITAL BRIDGETON, NJ	1250 05/13/88	1250 08/19/88	IMPROPER TRANSPORTATION MARKINGS ON RETURN GENERATORS "EMPTY" RATHER THAN YELLOW 11" OTHER VIOLATIONS IN RADIATION SAFETY PROGRAM	.T.
BB-099 SOUTH CAL. EDISON CO. SAN ONOFRE	150000 06/10/88	150000 07/11/88	EQ - Category B problem	.T.
BB-104 DETROIT EDISON CO. FERMI	200000 06/16/88	175000 01/26/89	POTENTIAL LOSS OF CONTAINMENT INTEGRITY AND INOPERABLE CONTROL AIR COMPRESSOR	.T.
BB-105 OPER PEACH BOTTOM	800 08/09/88	800 09/19/88	Inattentive operator	.T.
BB-107 RIVERTON HOSPITAL RIVERTON, WY	5000 06/03/88	5000 06/29/88	UNAUTHORIZED USE, DOSE CALIBRATOR TESTS NOT PERFORMED AND OTHER VIOLATIONS INDICATING MANAGEMENT OVERSIGHT LACKING	.T.
BB-113 ALABAMA PWR. CO. EARLEY	100000 08/03/88	0 / /	Inoperability of high head safety injection due to H2 gas intrusion	.T.
BB-114 VA ELEC. & PWR. CO. SURREY	100000 06/13/88	100000 06/24/88	POTENTIAL OVEREXPOSURE OF PERSONNEL DURING INCORE DETECTOR MAINTENANCE.	.T.
BB-115 SOUTHERN OHIO COAL CO. ATHENS, OH	750 05/27/88	750 06/16/88	REMOVAL AND LOSS OF A GAUGE	.T.
BB-121 N.A. MEDICAL CENTER NORTHPORT, NY	2500 06/03/88	2500 07/28/88	Management breakdown. Failure to perform monthly spot checks and perform all required checks on teletherapy unit.	.T.
BB-124 OPER PEACH BOTTOM	800 08/09/88	800 09/21/88	Inattentive operator	.T.
BB-125 COMMONWEALTH EDISON CO. BRIDGWOOD	50000 06/17/88	0 / /	vital area barrier opening	.T.
BB-131 CAROLINA PWR. & LIGHT BRUNSWICK	75000 07/25/88	25000 11/07/88	Failure to follow procedures	.T.
BB-132 DUKE POWER CO. CATANBA	50000 10/24/88	50000 11/23/88	EQ	.T.
BB-138 CONSUMERS POWER CO. PALISADES	150000 11/23/88	150000 12/23/88	EQ - Category B problem	.T.
BB-140 CONSUMERS POWER CO. PALISADES	75000 12/22/88	75000 01/20/89	Failure to meet Appendix B requirements and failure to take timely corrective action	.T.
BB-142 CONSOL. EDISON CO. INDIAN POINT	75000 11/03/88	75000 12/02/88	EQ - Category B problem	.T.
BB-143 PA POWER & LIGHT SUSQUEHANNA	50000 09/19/88	50000 10/14/88	EQ	.T.
BB-144 LOUISIANA POWER & LIGHT WATERFORD	50000 08/18/88	50000 02/01/89	Loss of control of reactor vessel level and possible loss of shutdown coolant.	.T.

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EA No. Licensee & Facility	Proposed Date Civ. Pen. Proposed	Amount Date Paid Paid	Description of Case	Clos (7/)
88-145 OHAMA PUB. PWR. DIST. FT. CALHOUN	50000 10/12/88	50000 11/09/88	Leaking check valves in instrument air system	.7.
88-147 BRIGHAM & WOMENS BOSTON, MA	5000 07/06/88	5000 08/06/88	Iodines-131 uptake inadequately evaluated and other violations indicated breakdown in the radiation safety program	.7.
88-148 POWER AUTHORITY OF NY INDIAN POINT 3	75000 09/21/88	75000 10/21/88	EQ - Environmental Qualification	.7.
88-149 CAROLINA PWR. & LIGHT SPAINSVICK	75000 12/30/88	75000 01/27/89	Failure to promptly correct deficient conditions re: MCC silicon bronze bolt tracking & HPCI steam line high flow setpoint non-conservatism.	.7.
88-154 ROCHESTER GAS & ELEC. GINNA	50000 07/27/88	50000 08/26/88	Failure to perform IST of 4 checks valves & failure to perform a full-stroke exercise as part of test of 13 other ck valves	.7.
88-155 BILL MILLER, INC. HENRIETTA, OK	8000 09/13/88	4500 01/31/91	Failures to maintain surveillance, post, and rope off an area where radiography was performed.	.7.
88-157 YALE UNIV. NEW HAVEN, CT	1125 07/29/88	1125 08/12/88	Improper disposal of radioactive material at local public landfill	.7.
88-158 VA ELEC. & PWR. CO. SURREY	100000 08/25/88	100000 09/26/88	Overexposure and failures to control high rad areas indicated weakness in overall Radiation Safety Program	.7.
88-159 NEBRASKA PUB. PWR. DIST. COOPER	150000 10/25/88	150000 11/08/88	EQ - Environmental Qualification	.7.
88-161 COMMONWEALTH EDISON CO. GLAD-CITIES	125000 09/15/88	50000 02/22/89	Failure in circuitry in ASR led to the 1/2 emergency diesel generator being unable to perform safety function automatically	.7.
88-163 U. OF MED. AND DENTISTRY NEWARK, NJ	5000 07/29/88	5000 08/26/88	Management oversight of users & RSO	.7.
88-169 COMPUTALOG, INC. DRUMRIGHT, OK	1000 08/25/88	1000 11/27/88	Multiple violations indicating breakdown in radiation safety program	.7.
88-172 U.S. ARMY ALBUQUERQUE, NM	1000 08/24/88	0 / /	Multiple violations re: moisture density gauges	.7.
88-174 COMMONWEALTH EDISON CO. BRAINWOOD	50000 09/16/88	50000 10/14/88	Inattentiveness of two security officers	.7.
88-182 ARIZONA PUBLIC SERV. PALO VERDE	250000 12/01/88	250000 12/29/88	Overexposure and inoperable essential chilled water system	.7.
88-188 SHADYSIDE HOSPITAL PITTSBURGH, PA	2500 10/28/88	2500 11/11/88	MFS re: location of nuclear pacemaker explanted from deceased individual, and failure to recover pacemaker	.7.
88-189 PENN INSPECTION CHICKASHA, OK	2500 10/06/88	2500 12/12/88	Failure to follow operating/emergency procedures and failure to audit radiographer who didn't work for over 3 months	.7.
88-192 ARKANSAS PWR. & LIGHT AND	75000 04/24/89	50000 05/09/90	EQ	.7.

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BB-193 COMBUSTION ENGINEERING WINDSOR, CT	12500 10/07/88	12500 10/18/88	Breakdown in radiation protection program	.T.
BB-198 COMMONWEALTH EDISON CO. BROADWOOD	75000 11/23/88	75000 01/25/89	EQ - Equipment Qualification	.T.
BB-202 BALTIMORE GAS & ELEC. CALVERT CLIFFS	150000 09/20/88	150000 10/19/88	INOPERABLE DIESEL GENERATOR AND IMPROPERLY SET RX TRIP SYSTEM	.T.
BB-203 S.P.U. OYSTER CREEK	50000 06/02/89	50000 06/30/89	EQ	.T.
BB-204 WISE APPALACHIAN HOSP WISE, VA	1250 08/21/88	1250 10/24/88	Breakdown of radiation safety program due to lack of management oversight by RSD.	.T.
BB-211 W.P.P.S. WNP	50000 01/24/90	50000 06/12/90	EQ - Environmental qualification	.T.
BB-215 VA ELEC. & PWR. CO. SURREY	50000 11/10/88	50000 12/09/88	Debris in containment sumps	.T.
BB-225 S & W NAVY LYNCHBURG, VA	6250 11/18/88	6250 11/01/88	Inadequate management attention to the nuclear criticality safety program	.T.
BB-227 MARYVIEW HOSPITAL PORTSMOUTH, VA	1250 12/19/88	1125 01/18/89	Breakdown in radiation protection program	.T.
BB-228 DUKE POWER CO. OCCASIE	25000 12/13/88	25000 01/12/89	Inadequate procedures did not recognize or provide guidance for use of piggy-back code as a requirement of ECCS	.T.
BB-231 DAVIS GREAT GUNS LOBBINGWICHITA, WA	500 10/27/88	500 11/25/88	Breakdown in radiation safety program	.T.
BB-234 TOLEDO TOLSON CO. DAVIS-BESSE	80000 11/21/88	80000 12/21/88	Discriminatory termination of QC inspector by QC Manager - 50.7 violation	.T.
BB-237 PHILADELPHIA ELEC. CO. BEACH BOTTOM	50000 11/14/88	50000 12/15/88	Compensatory measures at vital area barriers, assignment of VA key to wrong person, CCTV surveillance	.T.
BB-238 RUB. SERV. ELEC. & GAS SALEM	50000 04/21/89	50000 05/21/89	EQ - Equipment Qualification	.T.
BB-247 DUKE POWER CO. MCQUIRE	37500 01/19/89	37500 02/15/89	Failure to ensure containment hydrogen slipper system was functional & inadequate safety eval (OR) & inadequate post-maintenance testing of interlocks	.T.
BB-248 E. L. CONWELL BRIDGEPORT, PA	1950 11/18/88	1950 12/15/88	Failure to follow licensed requirements. Failure to secure gauge	.T.
BB-254 NORTHEAST UTILITIES MILLSTONE	50000 04/21/89	50000 05/19/89	EQ	.T.
BB-255 FORD MOTOR COMPANY STERLING HEIGHT, MI	500 10/27/88	500 11/23/88	General licensee disposed of generally licensed gauge by method other than allowed by Part 31.5 regulation	.T.
BB-256 CAR LABORATORIES PEARL CITY, HI	2000 12/07/88	2000 01/10/90	Overexposure radiographer & survey with inoperable instrument	.T.
BB-257 HONOLULU MEDICAL GROUP HONOLULU, HI	2500 12/13/88	2500 01/10/89	Lack of management control	.T.

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BB-261 CAROLINA PWR. & LIGHT SHEARON HARRIS	25000 12/28/88	25000 01/27/89	underground pathway from PA to VA (trash trough), failure to report in timely manner	.T.
BB-265 BASIN TESTING LAB WILLISTON, ND	5000 01/19/89	5000 06/15/90	Breakdown in management controls Order	.T.
BB-266 COMMONWEALTH EDISON CO. BYRON	50000 05/24/89	50000 06/26/89	Loss of RCS level causes loss of one train of RHR	.T.
BB-267 FLORIDA POWER & LIGHT COTURKEY POINT	100000 02/01/89	100000 03/03/89	Mispositioning of gd. at compensatory post late report	.T.
BB-274 LYMAN ENGINEERING, INC. ERIE, PA	500 12/29/88	500 01/18/89	Management oversight	.T.
BB-277 PORTLAND GEN. ELEC. TROJAN	75000 12/30/88	75000 01/27/89	Breach in protected area barrier	.T.
BB-281 DETROIT EDISON CO. FERMI	50000 01/06/89	50000 02/01/89	Failure to establish design controls for MDV torque switch	.T.
BB-282 KANSAS GAS & ELEC. CO. WOLF CREEK	50000 02/01/89	50000 03/01/89	Essential service water Train A inoperable due to eroded piping	.T.
BB-283 ARKANSAS PWR. & LIGHT AND	25000 03/02/89	25000 03/29/89	Hot particles and lack of surveys & instructions leading to over exposures of skin and whole body	.T.
BB-284 ARKANSAS PWR. & LIGHT AND	175000 04/07/89	175000 05/05/89	Failure to resolve identified problems and failure to properly control safety-related equipment and components	.T.
BB-287 RAPPAHANNOCK HOSP. KILMARNOCK, VA	2500 05/17/89	2500 09/12/89	Falsification of Radiation Safety committee minutes	.T.
BB-288 MOS INSPECTION ELY GROVE VILLAGE, IL	5000 02/08/89	5000 03/26/89	Radiographer over exposed to 24 reas	.T.
BB-289 U.S. AFRR BETHESDA, MD	2500 03/22/89	2500 09/18/89	50.59 reviews procedure adherence missed requal training, 50.7 discrimination	.T.
BB-291 PESARA P. REDDY BUTLER, PA	1500 05/12/89	1500 05/31/89	lack of management oversight	.T.
BB-295 MAINE YANKEE AT, PWR. MAINE YANKEE	75000 02/13/89	75000 03/13/89	Lost key ring, unattended vehicles in PA, inad. search, insufficient lighting	.T.
BB-296 VA ELEC. & PWR. CO. SURREY	500000 05/18/89	500000 06/19/89	Cavity seal failure, SSF1-ESWS, corrective actions	.T.
BB-297 WEST VIRGINIA UNIVERSITYMORGANTOWN, WV	2500 02/01/89	2500 02/16/89	Loss of 1 nylon ribbon contain Iridium-192 seed (6) of 1 millicurie each	.T.
BB-298 ST. AGNES MEDICAL CENTERPHILADELPHIA, PA	2500 02/02/89	2500 05/05/89	Management breakdown, repetitive survey violations from previous inspections	.T.
BB-301 HEMPHILL CORPORATION TULSA, OK	500 02/28/89	500 03/28/89	Two unauthorized users, failures to leak test and notify NRC of address, storage and RSC changes indicating management breakdown	.T.
BB-302 S.E. WILMINGTON, SC	20000 03/13/89	20000 05/26/89	Discrimination against individual for reporting contamination in Chemet Lab	.T.
BB-304 POWER AUTHORITY OF NY FITZPATRICK	75000 03/13/89	75000 04/10/89	Inoperable ECCS room coolers	.T.

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88-305 SOUTH CAROL. ELEC. & GASSUMNER	62500 03/02/89	62500 03/27/89	Auth./badging violations, actual entry of terminated emp., sleeping gd., lock/key control	.T.
88-307 T.V.A. SEDUOYAH	50000 02/23/89	50000 08/15/89	Deficiencies to prevent and/or mitigate effects of excessive post trip RCS cooldowns past and present	.T.
88-308 ST. MARY'S HOSPITAL RICHMOND, VA	1250 02/15/89	1250 03/10/89	Lack of control over entry to high radiation area	.T.
88-311 VA ELEC. & PWR. CO. NORTH AVON	25000 04/21/89	25000 05/22/89	Failure to take prompt corrective actions for control room ventilation and instrument air problems	.T.
88-313 PROFESSIONAL SERVICE LOMBARD, IL	20000 05/23/89	20000 08/23/89	Loss of unsecured gauge containing 10 mCi cesium-137 and 50 mCi of americium-241	.T.
88-315 ADVEX HAMPTON, VA	2000 03/16/89	2000 04/07/89	Radiographer overexposure	.T.
88-316 CAROLINA PWR. & LIGHT BRUNSWICK	150000 03/16/89	150000 04/17/89	Secondary containment inoperable due to: (1) SBGT valves closed & (2) SCID's failed open	.T.
88-318 ENTELA, INC. GRAND RAPIDS, MI	1250 02/16/89	1250 03/13/89	Unqualified users, loss of control of licensed material, leak test not performed, unauthorized storage address	.T.
88-319 BRIGHAM & WOMENS BOSTON, MA	5000 02/07/89	5000 03/14/89	Loss of source	.T.
89-001 HOUSTON LIGHT & PWR. CO. SOUTH TEXAS	50000 03/17/89	0 / /	Missing vortex suppressors in containment sump	.T.
89-014 COMPUTERIZED MEDICAL INDEAU CLAIRE, WI	2500 03/08/89	2500 03/22/89	Theft of licensed material due to failure to secure and other violations indicating lack of control	.T.
89-015 CORNISH WIRELINE CHANUTE, KS	500 05/05/89	500 06/09/89	Failure to provide personnel dosimetry	.T.
89-016 PORTLAND GEN. ELEC. TROJAN	75000 04/04/89	75000 04/28/89	Commercial Grade Components in Safety system procurement	.T.
89-019 ISOMEDIX, INC. PARSIPPANY, NJ	28500 06/28/89	28500 09/19/89	Bypass of safety interlocks at Northboro and Parsippany sites	.T.
89-020 ST. JOSEPH HOSPITAL MONTICELLO, IN	2500 03/16/89	2500 04/12/89	Management breakdown, seven violations including failure to check and test dose calibrator	.T.
89-023 INDIVIDUAL WILMINGTON, DE	1250 03/13/89	1250 04/21/89	Breakdown of management control by use of radioactive materials prior to having requirements of program in place	.T.
89-027 INDIVIDUAL WASHINGTON, DC	250 04/05/89	250 07/27/89	A number of violations indicative of lack of management control	.T.
89-028 JM MINNEAPOLIS, MN	160000 06/07/90	117500 04/25/91	Violations involving static eliminators	.T.
89-032 DUKE POWER CO. GOONEE	25000 04/11/89	25000 05/06/89	Inoperable Reactor Building Cooling Unit dropout plate	.T.

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EA No. Licensee & Facility	Proposed Date Civ. Pen. Proposed	Amount Date Paid Paid	Description of Case	Closed Y/N
89-033 MAYAGUEZ HOSPITAL PUERTO RICO	5000 04/17/89	500 12/14/89	Number of violations indicative of management breakdown	.T.
89-044 LEE COUNTY HOSPITAL PENNINGTON GAP, VA	2500 04/18/89	2500 09/29/89	Falsified document	.T.
89-046 DUKE POWER CO. CATAMPA	75000 05/19/89	75000 09/26/89	Inoperable Hydrogen skimmer system (train A), failure to report in timely manner	.T.
89-048 ANNA JACQUES HOSPITAL NEWBURYPORT, MA	1250 03/28/89	1250 04/27/89	Breakdown management oversight of radiation safety program	.T.
89-049 CLEVELAND EDISON CO. DAVIS-BESSE	50000 04/21/89	50000 05/12/89	Improper Reactor Startup	.T.
89-051 ORANGE HOSPITAL ORANGE, NJ	3750 04/05/89	3750 04/28/89	Lack of management oversight	.T.
89-059 ILLINOIS POWER CO. CLINTON	75000 07/20/89	75000 08/20/89	EQ - Failure of corrective actions for identified EQ problems and additional EQ deficiencies	.T.
89-060 GRAND HAVEN LIGHT & PWR GRAND HAVEN, MI	500 05/03/89	500 08/29/89	Mgt breakdown generally licensed gauge program	.T.
89-061 GRAND X PERFORATORS WOODWARD, OK	1125 05/09/89	750 10/04/89	Mgt breakdown in control of rad. safety program	.T.
89-062 JAMES RIVER CORP. EASTON, PA	1250 05/30/89	1250 06/30/89	Lost source	.T.
89-065 NIAGARA-WISE PAPER CORP NIAGARA, WI	750 05/31/89	750 06/23/89	Loss of a General License Gauge	.T.
89-069 LOUISIANA POWER & LIGHT WATERFORD	50000 06/28/89	50000 02/22/90	Inoperable HPSI pump due to failure of ASME testing	.T.
89-075 POWER AUTHORITY OF NY INDIAN POINT 3	25000 06/12/89	25000 07/12/89	Sd. posted as coop. meas. left post. unauth. access to PA, late rpt. inadequate search, inadequate ECTV, and illumination	.T.
89-079 CERTIFIED TESTING LAB BORDENTOWN, NJ	8000 03/09/90	5000 04/07/92	Falsified records and audit failures	.T.
89-080 PROCESS TECH. N. JERSEY ROCKAWAY, NJ	13000 01/31/91	13000 02/26/91	Violations of interlocks	.T.
89-085 PACIFIC GAS & ELEC. DIABLO CANYON	75000 07/05/89	75000 08/04/89	Failure to understand design basis, failure to take corrective actions.	.T.
89-088 ARIZONA PUBLIC SERV. PALO VERDE	250000 09/01/89	250000 10/02/89	AIT: (1) Inad. Corrective Action, (2) Operator issues, (3) Inad. Emer. Lighting	.T.
89-091 CLEVELAND ELEC. PERRY	37500 07/11/89	37500 08/10/89	EQ - Failure to take corrective actions on EQ issues	.T.
89-092 ELLIS FISCHER CANCER COLUMBIA, MO	5000 06/07/89	5000 06/28/89	Management breakdown radiation safety program	.T.
89-093 TEXAS NUCLEAR CORP. AUSTIN, TX	2500 07/21/89	2500 08/31/89	Improper handling of Cs-137 source during removal due to lack of training	.T.
89-095 BOSTON EDISON CO. PILGRIM	25000 08/23/89	25000 09/22/89	RCIC overpressurization due to tagout error	.T.
89-098 PHOTON FIELD INSPECTION SAGINAW, MI	7500 06/07/89	0 / /	Loss of control radiation safety program	.T.

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89-101 CAR LABORATORIES PEARL CITY, HI	1500 11/28/90	1500 12/20/90	Falsification of survey records	.T.
89-105 DEACONESS HOSPITAL OKLAHOMA CITY, OK	3750 02/28/90	2500 07/23/90	Falsification of dose calibrator calibration records. Failure to perform constancy tests	.T.
89-107 BALTIMORE GAS & ELEC. CALVERT CLIFFS	75000 07/12/89	75000 08/10/89	Loss of secondary containment integrity during core alterations and failure to perform 10 CFR 50.59 review	.T.
89-110 ATLAS MINERALS BRAND JUNCTION, CO	6250 10/05/89	3750 04/06/90	Release of RHM in excess of 20,106 limits	.T.
89-113 BUCKS DIAGNOSTIC CENTER LEVITTOWN, PA	500 07/19/89	500 08/01/89	Number of violations indicative of lack of management control	.T.
89-118 FLORIDA POWER CORP. CRYSTAL RIVER	100000 09/13/89	100000 06/21/90	ED - Environmental qualification	.T.
89-119 YALE NEW HAVEN HOSPITAL NEW HAVEN, CT	2500 08/03/89	1250 01/24/90	Unauthorized disposal of radioactive material	.T.
89-124 NORTHEAST UTILITIES MILLSTONE	25000 08/31/89	25000 10/02/89	Transportation of contaminated high pressure pump and trailer	.T.
89-126 PHILADELPHIA ELEC. CO. LIMERICK	75000 08/10/89	75000 09/11/89	Inability to properly classify emergencies, failure to define program and plan elements	.T.
89-127 S.E. CLEVELAND, OH	24000 08/25/89	24000 09/19/89	Loss of agent control over rad safety program due to careless disregard of previous corrective actions	.T.
89-128 UNIV. OF OKLAHOMA OKLAHOMA CITY, OK	7500 08/23/89	7500 09/19/89	Unauthorized distribution of iodine-131 capsules for human use	.T.
89-130 W.P.P.S. WNP	50000 12/21/89	0 / /	Failure to adequately assure quality of installed items purchased commercial grade - withdrawn with Commission approval	.T.
89-131 YALE UNIV. NEW HAVEN, CT	12000 09/26/89	12000 05/14/90	Extremely Overexposure, Management Breakdown	.T.
89-134 BRADLEY MEMORIAL HOSP SOUTHINGTON, CT	625 09/18/89	625 10/09/89	Lack of management control leading to 12 violations	.T.
89-135 NORTHERN STATES PWR. PRAIRIE ISLAND	25000 10/19/89	25000 11/20/89	Inadequate evaluation of commercial grade items used in safety-related application	.T.
89-140 ST. JOSEPH HOSPITAL ST. PAUL, MN	4375 08/22/89	4375 09/12/89	Breakdown in management oversight Radiation Levels unrestricted area	.T.
89-142 BLUEFIELD HOSPITAL BLUEFIELD, WV	5000 09/14/89	5000 10/27/89	Lack of management control over radiation safety program	.T.
89-143 SOUTH CAROL. ELEC. & GASSUMMER	25000 08/31/89	25000 10/02/89	Unqualified operator watchstanding	.T.
89-148 U.S. TESTING MODESTO, CA	5000 09/26/89	5000 05/30/90	Violations related to protection against exposure	.T.
89-149 MCDOWELL & ASSOCIATES FERNDALE, MI	750 08/24/89	750 10/25/89	Management breakdown of gauge licensee's rad safety program	.T.
89-151 DUKE POWER CO. OCONEE	50000 12/21/89	50000 08/01/90	Multiple safeguards violations noted in logs	.T.

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89-152 T.V.A. DEQUOYAH	87500 09/22/89	87500 10/23/89	Inadequate safety review implementation (BIT, RHR, IRM)	.T.
89-151 COMMONWEALTH EDISON CO. ZION	75000 09/21/89	75000 10/23/89	Two openings through VA barrier accessible from roof of new building	.T.
89-155 POWER AUTHORITY OF NY INDIAN POINT 3	50000 09/19/89	50000 04/12/90	CCTV coverage, illumination, failure to search	.T.
89-158 PUBLIC SERVICE OF N.HAMPSHIRE	50000 10/25/89	50000 11/20/89	Failure to promptly trip reactor when test procedure required	.T.
89-159 CATAWA PWR. DIST. FT. CALHOUN	25000 11/13/89	25000 12/12/89	Failure to protect Safeguards Information, package and vehicle search, comp. measures	.T.
89-160 INDIVIDUAL HONOLULU, HI	250 11/02/89	250 12/01/89	SI rec extremity exposure	.T.
89-162 PORTLAND GEN. ELEC. TROJAN	280000 10/06/89	280000 11/15/89	Inoperable containment recirculation sump ECCS function, inadequate corrective action	.T.
89-165 V.A. MEDICAL CENTER NEW YORK, NY	2500 10/13/89	2500 12/18/89	Numerous violations indicative of management breakdown	.T.
89-170 ST CLARES RIVERSIDE CTR DENVER, NJ	625 11/01/89	625 11/13/89	Lack of management oversight in brachytherapy program	.T.
89-172 FLORIDA POWER CORP. CRYSTAL RIVER	50000 12/01/89	0 / /	use commercial gde components in safety-related applications without suitability evaluations	.T.
89-171 PRECISION COMPONENTS YORK, PA	5000 09/28/89	5000 10/24/89	Exposure in excess of 1.25 rem/D and no NRC4 filed	.T.
89-178 DUKE POWER CO. CATAWA	50000 12/18/89	37500 05/11/90	Inoperable turbine AFW pump, inadequate corrective action	.T.
89-180 SACR. MUN. UTIL. DIST. SANDHO BECO	50000 10/25/89	50000 11/21/89	Failure to conduct EP/hp drill verification of training before placement on ERO roster.	.T.
89-188 CAROLINA PWR. & LIGHT W.B. ROBINSON	75000 11/15/89	75000 12/15/89	Degraded AFW flow due to undersized piping	.T.
89-190 V.A. MEDICAL CENTER BROOKLYN, NY	8750 11/28/89	8750 05/15/90	Lack of management oversight of Rad. Safety Program involving Nuclear Med. Teletherapy & nuclear pacemaker programs.	.T.
89-193 UNITED HOSPITAL CENTER NEWARK, NJ	2500 01/11/90	2500 02/08/90	Falsification of dose calibrator constancy tests	.T.
89-194 MOUNTAINSIDE HOSPITAL MONTCLAIR, NJ	3750 02/23/90	3750 03/08/90	Prep of patients dose in food in unrestricted area microwave oven	.T.
89-195 NORTHERN STATES PWR. MONTICELLO	3750 11/29/89	3750 12/27/89	Inadequate compensatory measures late report	.T.
89-198 UNIROVAL TIRE WOODBURN, IN	500 11/08/89	500 11/30/89	Improper disposal of gauges	.T.
89-200 CONSOL. EDISON CO. INDIAN POINT	50000 12/26/89	50000 04/18/90	Revised Eaer. plan lowered EALs for certain events	.T.
89-201 T.V.A. WATTS BAR	240000 04/12/90	240000 10/19/90	Discrimination against 3 NSRS employees	.T.
89-203 B.P.U. T.M.I.	50000 01/11/90	50000 02/08/90	Overexposure to skin of left hand	.T.

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89-207 B.P.U. OYSTER CREEK	25000 01/22/90	25000 02/20/90	SSF1 Inspection - Containment spray and emergency service water	.T.
89-214 IDWA ELEC. PWR. & LIGHT DUANE ARNOLD	25000 01/10/90	0 / /	SBET vent. testing inadequate design inadequate	.T.
89-215 IDWA ELEC. PWR. & LIGHT DUANE ARNOLD	50000 12/27/89	50000 01/26/90	Inadequate corrective actions and environmental qualification	.T.
89-216 IVINSON MEMORIAL HOSP. LARAMIE, WY	1250 02/07/90	1250 03/01/90	Management Breakdown	.T.
89-217 BUTTE - SILVER BOX BUTTE, MT	500 02/01/90	500 02/27/90	Management oversight gauge program	.T.
89-218 COMMONWEALTH EDISON CO. ZION	100000 01/31/90	100000 03/06/90	EDG room vent. system inoperable	.T.
89-219 TEXAS UTILITIES GEN. CO.COMANCHE PEAK	30000 01/25/90	30000 01/31/90	AIT - APW backflow event	.T.
89-220 ARKANSAS PWR. & LIGHT AND	75000 01/22/90	75000 02/22/90	Design control deficiencies in control wiring	.T.
89-223 TULSA GAMMA RAY TULSA, OK	7500 12/29/89	4275 03/27/92	Management breakdown - radiography	.T.
89-224 HILLCREST HOSPITAL TULSA, OK	1250 12/20/89	1250 12/27/89	Unqualified RSO/Teletherapy physicist	.T.
89-227 GEORGIA POWER CO. VOETLE	7500 02/02/90	7500 03/01/90	Failure to protect safeguards information, CC's coverage of PA	.T.
89-233 CAMBRIDGE MEDICAL DIAG BILLERICA, MA	8000 02/28/90	0 / /	Releases in excess of requirements 4Order withdrawing civil penalty constituted close out letter	.T.
89-235 CAROLINA PWR. & LIGHT BRUNSWICK	75000 01/26/90	75000 02/26/90	Single failure of a valve, cross-tie leakage, pump motor over temperature problems adversely affected operability of the SW system	.T.
89-239 T.V.A. BROWNS FERRY	18750 05/02/90	18750 06/01/90	Failure to conduct adequate inventory	.T.
89-241 PACIFIC GAS & ELEC. DIABLO CANYON	50000 02/13/90	50000 03/21/90	Degraded containment sump conditions	.T.
89-250 STAMFORD HOSPITAL STAMFORD, CT	2500 02/22/90	2500 03/22/90	Management oversight	.T.
89-251 CONSUMERS POWER CO. PALISADES	75000 02/20/90	75000 03/22/90	Programmatic breakdown in the controls associated with the design of piping and pipe supports	.T.
89-252 IND. MICH. ELECTRIC DC COOK	75000 02/26/90	75000 03/27/90	Turbine-driven APW pump flow retention inop.	.T.
89-253 CLEVELAND ELEC. PERRY	100000 03/12/90	100000 04/11/90	TS LCD violation	.T.
89-254 WISC. ELECTRIC POWER CO.POINT BEACH	87500 04/17/90	87500 05/21/90	System design problems	.T.
89-255 COMMONWEALTH EDISON CO. ZION	50000 03/14/90	50000 04/12/90	Regualification program deficiencies	.T.

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90-001 TESTMASTER PERRYBURGH, OH	3750 02/13/90	3750 07/20/90	Failure to survey	.T.
90-002 BALTIMORE GAS & ELEC. CALVERT CLIFFS	100000 03/03/90	100000 04/10/90	Failure to meet Low Temperature Over Pressurization requirements	.T.
90-003 B&H WIRELINE SERVICES HOMINY, OK	750 03/06/90	750 04/05/90	Breakdown in management control	.T.
90-004 FIRESTONE TIRE & RUBBER OKLAHOMA CITY, OK	1000 03/13/90	1000 04/06/90	Lost Source	.T.
90-006 RUSSELL COUNTY MED. CTR LEBANON, VA	3750 03/16/90	3750 04/16/90	Tech falsified injection records - Misadministration	.T.
90-009 ST. LOUIS TESTING ST. LOUIS, MO	5000 03/06/90	5000 07/13/90	Personnel Overexposure	.T.
90-011 T.V.A. SEQUOYAH	75000 04/12/90	75000 08/20/90	RHR pump deadhead	.T.
90-013 THOMAS JEFFERSON HOSP PHILADELPHIA, PA	3125 03/13/90	3125 08/01/90	Lost source	.T.
90-014 V.A. MEDICAL CENTER DES MOINES, IA	5000 03/09/90	5000 05/02/90	Management breakdown	.T.
90-016 SAN JUAN CEMENT CO. SAN JUAN, PR	750 03/28/90	750 04/24/90	Lack of control over gauges	.T.
90-018 G.P.U. T.M.L.	50000 07/30/90	50000 08/24/90	Sleeping operator and management response	.T.
90-020 TEXAS UTILITIES GEN. CO.COMANCHE PEAK	25000 05/17/90	25000 06/01/90	Discrimination against QC inspector, possible chilling effect	.T.
90-023 NORTHEAST UTILITIES MILLSTONE	3750 03/30/90	3750 04/30/90	Surface radiological levels of shipping container exceeded reg. limits	.T.
90-027 V.A. MEDICAL CENTER HOUSTON, TX	7500 04/11/90	7500 05/22/90	Radiation Safety program breakdown management oversight	.T.
90-035 V.A. MEDICAL CENTER NEWINGTON, CT	2500 04/03/90	2500 05/10/90	Radiation safety	.T.
90-038 DIVINE PROVIDENCE HOSP WILLIAMSPORT, PA	2500 04/11/90	2500 05/21/90	Management breakdown	.T.
90-046 MGS INSPECTION ELK GROVE VILLAGE, IL	6250 04/20/90	6250 09/28/90	Overexposure of Radiographer	.T.
90-053 SYNCOR CORP BLUE ASH, OHIO	20000 08/24/90	20000 04/02/91	Falsification of test records	.T.
90-055 POWER AUTHORITY OF NY FITZPATRICK	75000 05/10/90	75000 06/11/90	Potential for overexposure	.T.
90-057 BASS MEMORIAL HOSPITAL ENID, OK	3125 05/02/90	3125 05/31/90	Management breakdown	.T.
90-058 INDUSTRIAL NDT CO. N. CHARLESTON, SC	6250 06/08/90	6250 07/02/90	Substantial potential for exposure in excess of part 20 limits	.T.
90-060 CONSOLIDATED NDE, INC. WOODBRIIDGE, NJ	10000 05/02/90	10000 09/12/90	Radiography violations	.T.
90-061 INDIVIDUAL FREEHOLD, NJ	1000 06/13/90	1000 03/15/91	Management Breakdown	.T.

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90-065 PX ENGINEERING CO., INC. BOSTON, MA	7500 02/21/91	7500 12/02/91	Falsification of records	.T.
90-066 DUKE POWER CO. CATAMBA	100000 05/29/90	100000 07/05/90	Overpressurization event	.T.
90-070 J.F.K. MEDICAL CENTER EDISON, NJ	1250 05/21/90	1250 06/22/90	Therapeutic Misadministration. Substantial potential for overexposure	.T.
90-074 CLEVELAND CLINIC FOUND. CLEVELAND, OH	6875 06/21/90	6875 07/19/90	management control as to timely reporting of therapy misadministration	.T.
90-076 UNIV. OF PUERTO RICO SAN JUAN, PR	12500 07/17/90	12500 11/16/90	Management breakdown broad license program	.T.
90-084 NORTHEAST UTILITIES MILLSTONE	25000 07/16/90	25000 08/15/90	Inadequate corrective action	.T.
90-090 GEORGIA POWER CO. VOSTLE	50000 06/27/90	50000 07/27/90	Failure to protect safeguards information	.T.
90-095 MISSISSIPPI X-RAY SERV. WESSON, MS	7500 06/26/90	0 7 7	Radiography violations	.T.
90-098 UNIV. OF WISCONSIN MADISON, WI	7500 07/25/90	7500 01/23/91	Violations involving misadministrations	.T.
90-100 ILLINOIS POWER CO. CLINTON	25000 07/25/90	25000 08/23/90	Rod withdrawal with bypass valves open	.T.
90-101 DAVIS MEMORIAL HOSPITAL ELKINS, WV	10000 07/24/90	10000 08/10/90	Management breakdown due to careless disregard of RSD for his duties	.T.
90-102 BARNETT INDUSTRIAL X-RAY STILLWATER, OK	7500 09/07/90	756 05/08/91	Overexposure - Paying over time	.T.
90-103 GEORGETOWN UNIVERSITY WASHINGTON, DC	625 07/18/90	625 07/27/90	Lost source, picked up by wrong carrier, subsequently recovered.	.T.
90-104 HIGH MOUNT. INSP. SERV. MILLS, WY	2500 07/23/90	2500 11/29/90	Radiography violations failure to survey	.T.
90-105 PHILADELPHIA ELEC. CO. PEACH BOTTOM	75000 07/16/90	75000 08/15/90	Emergency Service Water System deficiency	.T.
90-106 NEWMAN MEMORIAL HOSPITAL SHATTUCK, OK	5000 07/25/90	5000 01/18/91	Inadequate oversight by RSD	.T.
90-108 ILLINOIS POWER CO. CLINTON	112500 11/26/90	112500 12/19/90	Service water system	.T.
90-111 NORTHEAST UTILITIES MILLSTONE	50000 07/23/90	50000 08/22/90	Transportation violations	.T.
90-112 PROFESSIONAL SERVICE PITTSBURGH, PA	16000 10/30/90	14000 05/16/91	Willful violations - radiography	.T.
90-114 CONSOL. EDISON CO. INDIAN POINT	62500 02/11/91	62500 03/08/91	Failure to follow procedure and falsification of test documents	.T.
90-115 M. BERKOWITZ AND CO. SHARON, PENNSYLVANIA	500 07/19/90	500 08/24/90	Temporary loss of control of source	.T.
90-119 DUKE POWER CO. OCCONEE	25000 08/16/90	25000 09/11/90	Degraded penetration room ventilation system	.T.
90-120 U.S. DEPT. OF AGRICULT WASHINGTON, DC	5000 08/16/90	5000 09/13/90	Materials program management breakdown	.T.

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90-121 ARIZONA PUBLIC SERV. PALO VERDE	125000 10/16/90	125000 11/15/90	Fire protection requirement violations	.T.
90-123 SOMAT ENGINEERING TAYLOR, MI	125 08/16/90	125 09/10/90	Willful failure to control licensed material	.T.
90-127 POTOMAC VALLEY HOSPITAL KEYSER, WV	6250 08/20/90	6250 09/19/91	RSC Minutes Fabricated.	.T.
90-128 ST. LUKE'S HOSPITAL CLEVELAND, OH	1875 09/14/90	1875 09/28/90	Therapy Misadministration	.T.
90-129 GEORGIA POWER CO. VOGTLE	40000 10/19/90	40000 11/16/90	AC power loss, late emergency notifications	.T.
90-130 CAROLINA PWR. & LIGHT BRUNSWICK	62500 08/30/90	62500 10/01/90	Potential overexposure	.T.
90-132 TRIPLER MEDICAL CENTER HONOLULU, HI	2500 10/22/90	2500 06/20/91	Exposure of Nursing Infant. (2nd Coa. Paper dtd 4/9/91)	.T.
90-137 GENERAL MOTORS SAGINAW, MI	875 09/17/90	875 10/10/90	Lost Gauge	.T.
90-141 ALT & WITZIG ENGINEERING INDIANAPOLIS , IN	2500 10/16/90	2500 11/12/90	Management breakdown	.T.
90-142 TRI-STATE ASSOCIATES, INC WOODBRIDGE , VA	7500 09/24/90	115 04/26/91	Radiography violations (payments being made over time)	.T.
90-144 SYNCOR FOLCRAFT, PA	12500 11/05/90	12500 12/03/90	Unsecured material	.T.
90-147 ARIZONA PUBLIC SERV. PALO VERDE	75000 09/26/90	75000 01/02/91	Medical Exams	.T.
90-148 B.P.U. OYSTER CREEK	75000 10/24/90	75000 11/19/90	Operator failure to requalify	.T.
90-152 MIDWEST INSP. SERVICE GREENBAY, WI	10000 10/11/90	0 / /	Management breakdown (REMARKS: Hearing requested - admits violations, hearing on CP)	.T.
90-156 PA POWER & LIGHT SUSQUEHANNA	25000 11/27/90	25000 12/27/90	ED/Resolution of nonconformance reports	.T.
90-160 NORTH DETROIT HOSPITAL DETROIT, MI	2500 10/29/90	2500 11/26/90	Management breakdown/falsified files	.T.
90-161 ROCHE PROFESSIONAL SERV PHILADELPHIA, PA	7500 11/16/90	7500 12/21/90	False information. Unauthorized use. Management breakdown	.T.
90-163 CABELL HUNTINGTON HOSP HUNTINGTON, WV	3750 11/13/90	3750 12/11/90	Management breakdown	.T.
90-168 COMMONWEALTH EDISON CO. DRESDEN	37500 11/28/90	37500 12/27/90	Inadequate temporary containment air sampling	.T.
90-172 WEST SHORE HOSPITAL MANISTEE, MI	4375 11/16/90	4375 12/12/90	Diagnostic Misadministration/Management Breakdown	.T.
90-175 ARKANSAS PWR. & LIGHT AND	50000 12/17/90	50000 01/16/91	Inoperable control room emergency ventilation system	.T.
90-178 POWER AUTHORITY OF NY INDIAN POINT 3	50000 12/07/90	50000 05/17/91	Inattentive operators	.T.

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90-181 MILWAUKEE COUNTY MEDICAL MILWAUKEE, WI	3750 11/23/90	3750 12/18/90	Failure to control licensed activities	.T.
90-183 MCCALLUM TESTING LAB CHESAPEAKE, VA	800 12/10/90	800 01/04/91	Unsecured gauge left unattended by employee in vehicle that was stolen	.T.
90-186 BALTIMORE GAS & ELEC. CALVERT CLIFFS	12500 12/05/90	12500 01/03/91	Shift supervisor instructed guards to turn off metal detector alarms	.T.
90-188 GEORGIA POWER CO. VOOTLE	50000 02/05/91	50000 02/28/91	Protection of safeguards information	.T.
90-194 IND. HIGH. ELECTRIC DC COOK	150000 03/06/91	150000 03/26/91	Appendix B Violations	.T.
90-196 FEWELL BED TECH ENS. LTD PEARL CITY, MI	20000 02/07/91	0 / /	Radiographer failure to survey false info to DI	.T.
90-197 ALBERT EINSTEIN MED CTR PHILADELPHIA, PA	2500 12/05/90	2500 12/28/90	Control of licensed material	.T.
90-200 T.V.A. BEGLOVAH	30000 12/28/90	30000 01/28/91	Multiple failures to follow overtime procedures	.T.
90-201 SOUTH CAL. EDISON CO. SAN ONOFRE	150000 01/04/91	150000 02/02/91	containment susp valve left open 4 days and steam driven aux feedwater pump inoperable.	.T.
90-203 COMMONWEALTH EDISON CO. QUAD-CITIES	50000 01/30/91	50000 03/01/91	Reactivity Control event	.T.
90-208 COMMONWEALTH EDISON CO. BRIDGWOOD	87500 01/30/91	87500 03/01/91	Loss of RCS inventory during RHR testing	.T.
90-209 V.A. MEDICAL CENTER ALEANY, NY	3750 01/29/91	3333 02/15/91	Management breakdown	.T.
90-212 MUSKOGEE MEDICAL CENTER MUSKOGEE, OK	1250 12/26/90	1250 01/15/91	Therapy misadministration	.T.
90-217 WESTERN STRESS, INC. HOUSTON, TX	15000 05/06/91	15000 07/31/91	Overexposure (Commission paper dtd 4/9/91)	.T.
90-218 VA ELEC. & PWR. CO. SURREY	50000 02/12/91	50000 03/14/91	Recirc. spray heat exchangers inoperable	.T.
90-219 NORTHEAST UTILITIES MILLSTONE	50000 02/11/91	50000 03/13/91	Containment integrity	.T.
91-001 UNIV. OF CINCINNATI CINCINNATI, OH	8750 03/22/91	8750 10/16/91	Program breakdown	.T.
91-003 WENOC WOLF CREEK	25000 02/28/91	25000 03/28/91	Safety injection pumps inoperable due to frozen recirc. line	.T.
91-004 NUCLEAR FUEL SERVICES ERWIN, TN	10000 03/20/91	10000 04/19/91	11/28/90 event	.T.
91-005 PORTLAND GEN. ELEC. TROJAN	50000 02/25/91	50000 03/28/91	Operator medical qualification	.T.
91-006 LOUISIANA POWER & LIGHT WATERFORD	37500 03/15/91	37500 04/15/91	Inoperability of control room ventilation system	.T.
91-014 COMMONWEALTH EDISON CO. DRESDEN	100000 04/17/91	100000 05/17/91	Loss of containment integrity due to leaking valve	.T.
91-015 TEXAS UTILITIES GEN. CO.COMANCHE PEAK	50000 03/27/91	50000 04/24/91	Fire watch log falsification	.T.

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91-016 NORTHEAST UTILITIES MILLSTONE	37500 03/12/91	37500 04/19/91	Degraded service water system	.T.
91-017 LAFAYETTE CLINIC DETROIT, MI	11500 10/03/91	0 / /	License condition violations (use of isotopes) and discrimination	.F.
91-018 COMMONWEALTH EDISON CO. QUAD-CITIES	112500 03/27/91	112500 04/26/91	Loss of coolant event	.T.
91-022 YOUNGSTOWN STATE UNIV YOUNGSTOWN, OH	625 03/14/91	625 04/10/91	Radiation safety violations	.T.
91-023 CAROLINA PWR. & LIGHT BRUNSWICK	50000 03/26/91	50000 05/24/91	Adherence to maintenance procedures	.T.
91-024 UPJOHN COMPANY KALAMAZOO, MI	5000 04/05/91	5000 05/01/91	Radiation safety violations	.T.
91-032 GEORGIA POWER CO. WITCH	50000 04/15/91	50000 05/15/91	Potential overexposure - unauthorized TTP operation	.T.
91-033 LARAMIE COUNTY MEM HOSP CHEYENNE, WY	2500 04/16/91	2500 05/10/91	Management breakdown	.T.
91-034 NORTHEAST UTILITIES MILLSTONE	50000 07/09/91	50000 08/28/91	Degradation of service water system and failure of shift supervisor to trip circ water pumps.	.T.
91-040 MCDOWELL & ASSOCIATES FERNDALE, MI	375 04/25/91	375 05/03/91	Lost moisture density gauge	.T.
91-042 YANKEE ATOMIC ELEC. CO. YANKEE ROWE	50000 05/30/91	50000 06/25/91	QA & QC deficiencies during EDB replacement	.T.
91-043 T.V.A. SEQUOYAH	75000 05/13/91	75000 06/12/91	Diesel air pressure alarm	.T.
91-045 CAROLINA PWR. & LIGHT BRUNSWICK	87500 05/31/91	87500 06/26/91	Procedural adherence	.T.
91-048 POWER AUTHORITY OF NY FITZPATRICK	137500 07/17/91	137500 08/16/91	Unmonitored release to an unrestricted area - AIT	.T.
91-050 V.A. MEDICAL CENTER ALBANY, NY	2500 11/04/91	2500 11/12/91	Falsification of records	.T.
91-055 HOUSTON LIGHT & PWR. CO. SOUTH TEXAS	50000 12/12/91	50000 01/10/92	Falsification of records	.T.
91-059 GULF STATES UTIL. CO. RIVER BEND	37500 06/19/91	37500 07/19/91	Repetitive violations of high radiation area boundaries	.T.
91-060 CHEMETRON CORPORATION NEWBURGH HEIGHTS, OH	7500 08/14/91	7500 04/01/92	Contamination, loss of control of material	.T.
91-061 INDUSTRIAL NDT CO. N.CHARLESTON, SC	5000 06/28/91	5000 08/02/91	Lost radiography device	.T.
91-062 FLORIDA POWER & LIGHT COST. LUCIE	37500 06/26/91	37500 07/11/91	Cooling water outlet valve	.T.
91-070 RUTGERS UNIVERSITY NEW BRUNSWICK, NJ	6250 07/01/91	5535 12/02/91	Security violation, radiation safety violation	.T.
91-071 UNIV. OF CINCINNATI CINCINNATI, OH	2000 05/01/92	2000 05/20/92	Discrimination concealing byproduct mat'l inventory cards	.F.
91-074 HOUSTON LIGHT & PWR. CO. SOUTH TEXAS	75000 07/26/91	75000 08/23/91	ATWS Reliability Problems - Both units.	.T.

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91-076 CAROLINA PWR. & LIGHT SHEARON HARRIS	50000 07/23/91	50000 08/16/91	Auto trip channel inoperable	.T.
91-077 CONSTRUCTION ENGINEERING PITTSBURGH, PA	1250 07/30/91	0 / /	Failure to have alarm rate dosimeter	.T.
91-078 MATERIALS TESTING & INSPFT. WAYNE, IN	1750 07/10/91	1750 08/03/91	Radiation safety violations. Moisture density gauge	.T.
91-081 VERMONT YANKEE VERMONT YANKEE	75000 08/14/91	75000 09/13/91	Security issues	.T.
91-082 HUMANA HOSPITAL WEST VIRGINIA	21500 11/01/91	21500 11/26/91	Careless disregard of requirements and inaccurate statements	.T.
91-083 T.V.A. BROWNS FERRY	75000 08/07/91	75000 09/06/91	Containment integrity	.T.
91-084 C.T. ISLAND CLINIC FOUND. CLEVELAND, OH	7500 07/29/91	7500 08/29/91	P-32 contamination, management breakdown	.T.
91-087 COTTON HOUSTON SERVICES HOUSTON, TX	2500 07/31/91	2500 08/29/91	Failure to have alarming rate meter	.T.
91-088 PUBLIC SERV. CORP. OF COFT. ST. VRAIN	62500 08/19/91	62500 09/13/91	Repetitive radiation protection violations	.T.
91-089 UNIV. OF PUERTO RICO SAN JUAN, PR	6250 08/28/91	5870 01/15/92	Management breakdown	.T.
91-090 AMERICAN FIBRIT BATTLE CREEK, MI	1500 08/02/91	1500 08/20/91	Breakdown of fixed gauge program	.T.
91-096 U.A. MEDICAL CENTER HOUSTON, TX	25000 11/15/91	25000 04/03/92	Program breakdown and repetitive violations	.T.
91-098 DUQUESNE LIGHT CO. BEAVER VALLEY	25000 10/08/91	25000 11/04/91	Control room habitability and welds not in ISI program	.T.
91-102 ALABAMA PWR. CO. PARLEY	75000 09/23/91	25000 10/14/91	Technical Specification violation, TDAFW Pump recirc valve misalignment.	.T.
91-107 NORTHEAST UTILITIES MILLSTONE	50000 10/02/91	50000 10/30/91	Inadequate corrective action for fouling of service lines with mussels.	.T.
91-109 ST LUKE'S HOSPITAL ABERDEEN, SD	3750 08/28/91	3750 09/24/91	Breakdown in control of radiation safety program.	.T.
91-112 STONE CONTAINER CORP. COSHOCOTON, OHIO	1000 09/16/91	1000 09/23/91	Lost gauge	.T.
91-113 UNIV. OF MISSOURI COLUMBIA, MO	1875 10/29/91	1875 11/27/91	Improper shipping and transfer of Type A materials.	.T.
91-114 VA ELEC. & PWR. CO. SURREY	125000 10/21/91	125000 11/20/91	EDG and charging pump operability	.T.
91-116 DAG HAMMARSKJOLD CANCER BECKLEY, WVA	1250 10/23/91	0 / /	Radiation control program	.F.
91-117 U.A. MEDICAL CENTER DALLAS, TX	6250 10/09/91	6250 12/27/91	Breakdown in radiation safety program. (OI self-initiated on individual)	.T.
91-118 CLEVELAND ELEC. PERRY	100000 10/30/91	100000 11/22/91	Emergency operating procedures.	.T.

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91-119 ALT & WITZIS ENGINEERING INDIANAPOLIS, IN	3700 12/18/91	3700 01/27/92	Unauthorized possession and use of licensed material.	.T.
91-121 WESTERN ATLAS INTL. HOUSTON, TX	10000 12/20/91	0 / /	Transportation violation, source lost from truck.	.F.
91-124 WINDON HOSPITAL INDIANAPOLIS, IN	1250 10/16/91	1250 10/29/91	Radiation Safety.	.T.
91-125 CONSUMERS POWER CO. PALISADES	100000 01/15/92	100000 02/14/92	Engineering issues - Pipe Design.	.T.
91-126 CONSUMERS POWER CO. PALISADES	50000 11/14/91	50000 12/13/91	Containment spray pump inoperable.	.T.
91-128 ST. JOSEPH'S HOSPITAL PATERSON, NJ	10250 12/03/91	10250 12/27/91	False statement to NRC. Device moved w/o lic. agreement.	.T.
91-129 WINEBURGH ASSOCIATES PHILADELPHIA, PA	1500 03/05/92	0 / /	Improper disposal of licensed material. OI Self Initiated	.F.
91-132 GULF STATES UTIL. CO. RIVER BEND	75000 11/26/91	75000 12/20/91	Inoperable hydrogen mixing system.	.T.
91-135 ALLIED INSP SERVICES ST. CLAIR, MI	5000 10/25/91	214 05/06/92	Performing radiography without alarm rate meters. (REMARKS: Licensee is paying over time. Paid first installment of \$214.10)	.T.
91-137 LANCASTER GEN HOSPITAL LANCASTER, PA	6250 11/08/91	6250 12/05/91	Security violations.	.T.
91-138 WATERTOWN MEM HOSPITAL WATERTOWN, WI	6250 11/07/91	6250 11/25/91	Breakdown in control of radiation safety program.	.T.
91-139 MATERIAL TESTING LAB NORFOLK, VA	12500 11/13/91	0 / /	Alarming dosimeters	.F.
91-140 WESTINGHOUSE ENVIRONMENTRICHMOND, VA	1750 11/14/91	1750 12/12/91	Material not licensed.	.T.
91-141 GEORGIA POWER CO. VOGTLE	100000 12/31/91	0 / /	Opening valves on RMWS required to be closed	.F.
91-142 CAROLINA PWR. & LIGHT H.B. ROBINSON	37500 12/16/91	37500 01/30/92	Inadequate design controls: small break LOCA and OT delta T modifications.	.T.
91-144 PUBLIC SERVICE OF N.HAMPSHIREBROOK	100000 11/25/91	100000 12/23/91	Deficient radiographs.	.T.
91-146 KETCHIKAN GEN. HOSP. KETCHIKAN, AK	2500 01/13/92	1000 05/08/92	Breakdown in control.	.F.
91-149 WISC. ELECTRIC POWER CO.POINT BEACH	150000 01/10/92	150000 02/05/92	Main steam isolation valve.	.T.
91-152 COMMONWEALTH EDISON CO. DRESDEN	25000 12/17/91	25000 01/16/92	Radiation Protection Program breakdown.	.T.
91-158 CAROLINA PWR. & LIGHT BRUNSWICK	125000 01/03/92	125000 02/14/92	Work controls	.T.
91-161 WCNOC WOLF CREEK	150000 02/03/92	150000 03/20/92	Licensee's corrective action program on MDV's.	.T.
91-163 OVERLOOK HOSPITAL SUMMIT, NJ	3125 12/12/91	3125 01/09/92	Failure to follow procedures.	.T.

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91-164 COMMONWEALTH EDISON CO. DRESDEN	75000 01/09/92	75000 02/03/92	Containment integrity (EA 91-165) - Isolation valve not tested after maintenance.	.T.
91-165 COMMONWEALTH EDISON CO. DRESDEN	112500 01/09/92	112500 02/03/92	Operations program breakdown.	.T.
91-167 DUKE POWER CO. DCONEE	125000 02/03/92	125000 03/04/92	91T, Loss of DHR/SI overpress.	.T.
91-174 MONMOUTH MED CTR MONMOUTH, NJ	3125 12/24/91	3125 12/24/91	breakdown of control of licensed activities.	.T.
91-175 ST. JOSEPH'S HOSPITAL PATERSON, NJ	6250 12/26/91	6250 01/20/92	Therapeutic misadministration not timely reported.	.T.
91-177 CURWOOD, INC. OSHKOSH, WI	250 12/30/91	250 01/28/92	Lost gauge.	.T.
91-178 TRIAD ENGINEERING, INC. WINCHESTER, VA	500 12/27/91	500 01/17/92	Trippler gauge unattended.	.T.
91-181 PORTLAND GEN. ELEC. TROJAN	50000 02/14/92	50000 03/16/92	Corrective Action, Fire Protection.	.T.
91-182 ARIZONA PUBLIC SERV. PALO VERDE	162500 02/03/92	162500 03/02/92	Loss of control of refueling operation and loss of offsite power	.T.
91-183 W.P.P.S. KNP	25000 02/06/92	25000 03/06/92	Inoperable hydrogen recombiners.	.T.
91-185 S.E. WILMINGTON, NC	20000 03/13/92	20000 04/09/92	5/29/91 criticality event. 11T	.T.
91-189 TEXAS UTILITIES GEN. CO. COMANCHE PEAK	25000 02/14/92	25000 03/19/92	RHR & AFW Alignment.	.T.
91-190 PORTLAND GEN. ELEC. TROJAN	50000 02/14/92	50000 03/16/92	Corrective Action, Misc.	.T.
91-191 DUKE POWER CO. CATAWBA	15000 02/14/92	15000 03/16/92	Repetitive violations involving configuration control.	.T.
91-192 LONE PINE COAL CO. DANVILLE, WVA	2375 01/15/92	2375 02/13/92	Programmatic breakdown.	.T.
91-198 SOUTH CAL. EDISON CO. SAN ONOFRE	50000 02/21/92	50000 03/16/92	Appendix R	.T.
92-001 PHILADELPHIA ELEC. CO. PEACH BOTTOM	285000 02/21/92	285000 03/20/92	ADS Valves inoperable inadequate corrective actions	.T.
92-002 FLORIDA POWER CORP. CRYSTAL RIVER	50000 04/09/92	50000 05/08/92	Inoperable high pressure injection due to operator error during power increase	.F.
92-004 THOMAS JEFFERSON HOSP. PHILADELPHIA, PA	8750 01/27/92	8750 02/26/92	Loss of radioactive material.	.T.
92-012 ALONSO & CARUS IRON WKS CATANO, PR	2500 04/22/92	2500 05/14/92	Failure to perform surveys.	.F.
92-016 GEORGETOWN UNIV. HOSP WASHINGTON, DC	3750 04/16/92	3750 04/30/92	Breakdown in control of radiation safety program.	.T.
92-024 CAROLINA PWR. & LIGHT BRUNSWICK	100000 03/25/92	100000 04/23/92	EDG inoperable	.T.
92-026 SHARED MEDICAL TECH RICE LAKE, WI	2500 02/25/92	2500 03/25/92	Lost material	.T.

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92-027 DC GENERAL HOSPITAL WASHINGTON, DC	7500 03/04/92	0 / /	Breakdown in control of licensed activities	.F.
92-032 HOECHST CELANES CORP PORTSMOUTH, VA	250 03/13/92	250 04/07/92	Unqualified personnel	.T.
92-034 POWER AUTHORITY OF NY INDIAN POINT	225000 05/21/92	0 / /	Inoperable emergency bus inoperable BA heat trace	.F.
92-038 HOSPITAL DE DAMAS PONCE, PR	3750 03/27/92	3720 05/04/92	Breakdown in Control	.F.
92-042 OAKLAND UNIVERSITY ROCHESTER, MI	5000 04/02/92	0 / /	Breakdown in control	.F.
92-048 NIAGARA MOHAWK NINE MILE POINT	200000 05/21/92	0 / /	AIT - loss of ultimate heat sink RPS - inoperable scram channels	.F.
92-051 ATEC ASSOCIATES, INC. INDIANAPOLIS, IN	2375 04/30/92	2375 05/21/92	Breakdown in control. Failure to control access	.F.
92-056 IOWA ELEC. PWR. & LIGHT DUANE ARNOLD	12500 05/01/92	12500 05/26/92	Substantial potential for overexposure in that the area dose rate was about 15 rad/hour	.F.
92-064 TAYLOR HOSPITAL RIDLEY PARK, PA	1250 05/01/92	1250 05/22/92	Unauthorized disposal	.F.
92-067 NORTHERN STATES PWR. PRAIRIE ISLAND	12500 05/21/92	0 / /	Loss of DHR, AIT	.F.
92-068 BLOOM X-RAY SERV., INC. TULSA, OK	2500 04/30/92	0 / /	Failure to secure radiographic device.	.F.
92-074 CONSUMERS POWER CO. PALISADES	75000 06/02/92	0 / /	Failure to take corrective actions on ED and potential inaccurate information	.F.
92-080 BIDLEY HOSPITAL WASHINGTON, DC	2500 06/02/92	0 / /	Management breakdown	.F.