list of the ten Navy ships equipped with plastics processors by October 1, 1996 follows:

AO–178 USS Monongahela
CG–50 USS Valley Forge
CG–57 USS Lake Champlain
CGN–37 USS South Carolina
DDG–54 USS Curtis Wilbur
DDG–63 USS Stethem
DDG–996 USS Chandler
FFG–48 USS Vandegrift
FFG–55 USS Elrod
LPD–12 USS Shreveport

FOR FURTHER INFORMATION CONTACT: Mr. Louis Maiuri, Office of the Chief of Naval Operations Environmental Protection, Safety and Occupational Health Division, Crystal Plaza #4, Room 654, 2211 South Clark Place, Arlington, Virginia 22244–5108; telephone 703–602–2602.

Dated: December 9, 1996.

D.E. Koenig, Jr.,

LCDR, JAGC, USN, Federal Register Liaison Officer.

[FR Doc. 96–31926 Filed 12–16–96; 8:45 am]

BILLING CODE 3810–FF–P

Notice of Intent To Prepare an Environmental Impact Statement for Improved Ordnance Storage at Marine Corps Air Station Yuma, Arizona

SUMMARY: Pursuant to Section 102 (2)(c) of the National Environmental Policy Act (NEPA) of 1969 as implemented by the Council on Environmental Quality Regulations (40 CFR Parts 1500–1508), the Marine Corps announces its intent to prepare an Environmental Impact Statement (EIS) to evaluate the environmental effects of improving ordnance storage at Marine Corps Air Station (MCAS) Yuma. MCAS Yuma is located in the southwestern corner of Arizona near both the California border and the international border with Mexico. Current ordnance storage at MCAS Yuma is limited by the size and location of the station's existing ordnance storage magazines. The proposed action is to purchase 1,641 acres of land adjacent to the southern boundary of MCAS Yuma and construct new ordnance storage facilities. Alternatives being considered include: constructing new ordnance storage facilities in the vicinity of existing ordnance storage facilities; constructing new ordnance storage facilities on the nearby Barry M. Goldwater U.S. Air Force Range (BMGR) and transporting ordnance over public roads to MCAS Yuma as required; constructing a complete outlying landing field with ordnance storage magazines at Auxiliary Airfield 2 in the BMGR; and continuing to use the existing ordnance storage area with no expansion (No Action). Additional alternatives may be identified during the scoping period and included in the EIS.

Environmental issues to be addressed in the EIS include: socioeconomics, geology and soils, biological resources, water resources, noise, air quality, land use, cultural resources, transportation/circulation, public health and safety, and utilities.

ADDRESSES: The Marine Corps will initiate a scoping process for the purpose of determining the scope of issues to be addressed and for identifying significant issues relative to this action. The Marine Corps will hold public scoping meetings at 1:00 p.m. on Tuesday, January 14, 1996, and at 7:00 p.m. on Wednesday, January 22, 1996. Both meetings will be held at the Best Western Chilton Inn and Conference Center, located at 300 East 32nd Street in Yuma, Arizona. A formal presentation will precede public testimony. Marine Corps representatives will be available at the scoping meetings to receive comments from the public. It is important that federal, state, and local agencies, as well as interested individuals, take this opportunity to identify environmental concerns that should be addressed during preparation of the EIS. In the interest of available time, each speaker will be asked to limit their oral comments to five minutes.

Agencies and the public are also invited and encouraged to provide written comments in addition, or in lieu of, oral comments at the public meetings. To be most helpful, scoping comments should clearly describe specific issues or topics that the EIS should address.

FOR FURTHER INFORMATION: Written statements and/or questions regarding the scoping process should be mailed no later than January 31, 1996, to: Ms. Christine Bates, Environmental Planner; Box 99110; MCAS Yuma; Yuma, AZ 85369–9110. Questions or requests for information regarding the proposed action may also be directed to Ms. Bates at that address.

Dated: December 11, 1996.

Donald E. Koenig, Jr.,

LCDR, JAGC, U.S. NAVY, Federal Register Liaison Officer.

[FR Doc. 96–31893 Filed 12–16–96; 8:45 am]

BILLING CODE 3810–FF–P

Notice of Government-Owned Inventions; Availability for Licensing

SUMMARY: The inventions listed below are assigned to the United States Government as represented by the Secretary of the Navy and are made available for licensing by the Department of the Navy. Copies of patents cited are available from the Commissioner of Patents and Trademarks, Washington, DC 20231, for $3.00 each. Requests for copies of patents must include the patent number. Copies of patent applications cited are available from the National Technical Information Service (NTIS), Springfield, Virginia 22161 for $6.95 each ($10.95 outside North American Continent).

Requests for copies of patent applications must include the patent application serial number. Claims are deleted from the copies of patent applications sold to avoid premature disclosure. The following patents are available for Licensing:

Patent 5,500,315: PROCESSES AND COMPOSITIONS FOR ELECTROLESS METALLIZATION; filed 4 October 1994; patented 19 March 1996.//Patent 5,504, 338: APPARATUS AND METHOD USING LOW-VOLTAGE AND/OR LOW-CURRENT SCANNING PROBE LITHOGRAPHY; filed 30 June 1993; patented 2 April 1996.//Patent 5,504,714: ACOUSTIC AND ENVIRONMENTAL MONITORING SYSTEM; filed 24 February 1995; patented 2 April 1996.//Patent 5,505,158: APPARATUS AND METHOD FOR ACHIEVING GROWTH-ETCH DEPOSITION OF DIAMOND USING A CHOPPED OXYGEN-ACETYLENE FLAME; filed 4 November 1994; patented 9 April 1996.//Patent 5,506,616: DIFFERENTIAL IMAGING FOR SENSITIVE PATTERN RECOGNITION; filed 8 June 1994; patented 9 April 1996.//Patent 5,509,032: NON-ADAPTIVE AMPLITUDE-DIFFERENCE INTERFERENCE FILTER; filed 11 June 1991; patented 16 April 1996.//Patent 5,509,202: METHODS FOR UTILIZING HYDROSTATIC SEALING SLEEVE WIRE CONNECTIONS; filed 30 May 1995; patented 23 April 1996.//Patent 5,510,088: LOW TEMPERATURE PLASMA FILM DEPOSITION USING DIELECTRIC CHAMBER AS SOURCE MATERIAL; filed 11 June 1992; patented 23 April 1996.//Patent 5,510,627: INFRARED-TO-VISIBLE CONVERTER; filed 29 June 1994; patented 23 April 1996.//Patent 5,511,042: ENHANCED ADAPTIVE STATISTICAL FILTER PROVIDING

IMPROVED PERFORMANCE FOR TARGET MOTION ANALYSIS NOISE DISCRIMINATION; filed 25 May 1995; patented 23 April 1996.//Patent 5,511,043: MULTIPLE FREQUENCY STEERABLE ACOUSTIC TRANSDUCER; filed 6 April 1995; patented 23 April 1996.//Patent 5,511,122: INTERMEDIATE NETWORK AUTHENTICATION; filed 3 June 1994; patented 23 April 1996.//Patent 5,512,743: SPACE-BASED ASTEROID DETECTION AND MONITORING SYSTEM; filed 25 January 1994; patented 30 April 1996.//Patent 5,513,295: FIBER OPTIC HOLDER; filed 11 July 1995; patented 30 April 1996.//Patent 5,513,526: HYDROFOIL FORCE BALANCE; 20 July 1994; patented 7 May 1996.//Patent 5,513,533: DETECTION OF VIBRATIONAL ENERGY VIA OPTICAL INTERFERENCE PATTERNS; filed 15 April 1993; patented 7 May 1996.//Patent 5,513,591: UNDERWATER BODY AND INTAKE SCOOP; filed 7 October 1994; patented 7 May 1996.//Patent 5,515,061: SYSTEM FOR BROADCASTING MARKER BEACON SIGNALS AND PROCESSING RESPONSES FROM SEEKING ENTITIES; filed 23 March 1994; patented 7 May 1996.//Patent 5,515,300: COHERENT SIGNAL POWER DETECTOR USING HIGHER-ORDER STATISTICS; filed 30 September 1993; patented 7 May 1996.//Patent 5,515,465: FIBER OPTIC HULL PENETRATOR INSERT; filed 1 July 1982; patented 7 May 1996.//Patent 5,515,537: REAL-TIME DISTRIBUTED DATA BASE LOCKING MANAGER; filed 1 June 1993; patented 7 May 1996.//Patent 5,515,783: ELECTRONIC PRIMER IGNITION SYSTEM; filed 15 November 1993; patented 14 May 1996.//Patent 5,516,388: SOL-GEL BONDING; filed 11 September 1994; patented 14 May 1996.//Patent 5,516,462: ENHANCED CYCLE LIFETIME ELECTROCHROMIC SYSTEMS: filed 18 March 1993; patented 14 May 1996.//Patent 5,516,662: PROCESS FOR THE PREPARATION OF HEADGROUP-MODIFIED PHOSPHOLIPIDS USING PHOSPHATIDYLHYDROXYALKANOLS AS INTERMEDIATES; filed 11 May 1995; patented 14 May 1996.//Patent 5,517,202: MINIMAL WASHOVER, INLINE HIGH FREQUENCY BUOYANT ANTENNA; filed 30 December 1994; patented 14 May 1996.//Patent 5,517,315: REFLECTOMETER EMPLOYING AN INTEGRATING SPHERE AND LENS-MIRROR CONCENTRATOR; filed 29 October 1993; patented 14 May 1996.//Patent 5,517,935: UNDERWATER VEHICLE POLYMER EJECTION CONTROL VALVE ASSEMBLY; filed 27 March 1995; patented 21 May 1996.//Patent 5,517,938: DRAG INDUCING DROGUE FOR MULTIPLE TOWED ARRAYS; filed 10 July 1995; patented 21 May 1996.//Patent 5,518,664: PROGRAMMABLE ELECTROSET PROCESSES; filed 23 September 1994; patented 21 May 1996.//Patent 5,519,226: DETECTION OF THERMAL NEUTRONS THROUGH THE USE OF INTERNAL WAVELENGTH SHIFTING OPTICAL FIBERS; filed 11 January 1995; patented 21 May 1996.//Patent 5,519,278: ACTUATORS WITH GRADED ACTIVITY; filed 23 December 1994; patented 21 May 1996.//Patent 5,519,318: TRIAXIAL MAGNETIC HEADING SENSING APPARATUS HAVING MAGNETARESISTORS AND NULLING COILS; filed 28 December 1992; patented 21 May 1996.//Patent 5,519,407: CIRCULARLY POLARIZED DUAL FREQUENCY LIGHTWEIGHT DEPLOYABLE ANTENNA SYSTEM; filed 7 October 1994; patented 21 May 1996.//Patent 5,520,314: REMOVABLE ONE-PIECE TRUCK BED DIVIDER; filed 11 October 1994; patented 28 May 1996.//Patent 5,520,331: LIQUID ATOMIZING NOZZLE; filed 19 September 1994; filed 28 May 1996.//Patent 5,520,459: ENHANCEMENT OF FLOW MIXING BY A FREQUENCY TUNABLE CAVITY; filed 30 June 1994; patented 28 May 1996.//Patent 5,520,826: FLAME EXTINGUISHING PYROTECHNIC AND EXPLOSIVE COMPOSITION; filed 16 May 1994; patented 28 May 1996.//Patent 5,520,837: METHOD OF MAKING AN ENVIRONMENTALLY SAFE, READY-TO-USE, NON-TOXIC, NON-FLAMMABLE, INORGANIC, AQUEOUS CLEANING COMPOSITION; filed 28 June 1995; patented 28 May 1996.//Patent 5,520,968: MULTILAYER SECOND-ORDER NONLINEAR OPTICAL, FILMS OF HEAD-TO-HEAD, MAINCHAIN CHROMOPHORIC POLYMERS; filed 5 May 1995; patented 28 May 1996.//Patent 5,521,132: ASH-BASED CERAMIC MATERIALS; filed 1 September 1994; patented 28 May 1996.//Patent 5,521,242: HIGH CONCENTRATION SLURRY-FORMULATION AND APPLICATION; filed 30 September 1971; patented 28 May 1996.//Patent 5,521,376: OPTICAL MOTION SENSOR FOR AN UNDERWATER OBJECT; filed 29 April 1994; patented 28 May 1996.//Patent 5,521,412: LOW AND HIGH MINORITY CARRIER LIFETIME LAYERS IN A SINGLE SEMICONDUCTOR STRUCTURE; filed 26 June 1995; patented 28 May 1996.//Patent 5,521,996: ELECTRICAL AND FIBER-OPTIC CONNECTOR; filed 25 November 1994; patented 28 May 1996.//Patent 5,522,561: FIBER OPTIC CABLE PAYOUT SYSTEM; filed 3 June 1992; patented 4 June 1996.//Patent 5,522,710: FLOWTHROUGH MANIFOLD ASSEMBLY FOR A LINEAR PUMP; filed 22 December 1994; patented 4 June 1996.//Patent 5,522,863: PULSATING BEHAVIOR MONITORING AND MODIFICATION SYSTEM FOR NEURAL NETWORKS; filed 19 August 1994; patented 4 June 1996.//Patent 5,523,951: SYSTEM AND METHOD FOR AUTOMATIC SHIP STEERING; filed 18 July 1994; patented 4 June 1996.//Patent 5,524,239: REPLAY RECOVERY PROTOCOL FOR REAL-TIME DATABASE MANAGEMENT SYSTEMS; filed 28 April 1994; patented 4 June 1996.//Patent 5,524,546: BREECHING DEVICE; filed 30 June 1995; patented 11 June 1996.//Patent 5,525,538: METHOD FOR INTRINSICALLY DOPED III–A AND V–A COMPOUNDS; filed 8 March 1995; patented 11 June 1996.//Patent 5,525,800: SELECTIVE MULTI-CHEMICAL FIBER OPTIC SENSOR; filed 31 October 1994; patented 11 June 1996.//Patent 5,526,009: DUAL FREQUENCY LIGHTWEIGHT DEPLOYABLE ANTENNA SYSTEM; filed 22 May 1995; patented 11 June 1996.//Patent 5,526,170: FIBER OPTIC CONTINUOUS TRUE TIME-DELAY MODULATOR; filed 6 August 1993; patented 11 June 1996.//Patent 5,526,325: STEERABLE BEAMFORMER; filed 21 September 1995; patented 11 June 1996.//Patent 5,526,690: CIRCUMFERENTIAL ACTUATOR FOR PIPING SYSTEM; filed 17 May 1995; patented 18 June 1996.//Patent 5,527,131: LIQUID-BLOCKING RING ASSEMBLY FOR SURFACE DRAINS; filed 1 September 1994; patented 18 June 1996.//Patent 5,527,392: SUBSTRATE TEMPERATURE CONTROL APPARATUS FOR CVDREACTORS; filed 15 March 1994; patented 18 June 1996.//Patent 5,528,367: IN-LINE FIBER ETALON STRAIN SENSOR; filed 9 September 1994; patented 18 June 1996.//Patent 5,528,555: SYSTEM AND METHOD FOR COMPENSATING FOR TOWED ARRAY MOTION INDUCED ERRORS; filed 9 December 1994; patented 18 June 1996.//Patent 5,529,841: HYDROGEN SULFIDE ANALYZER WITH PROTECTIVE BARRIER; filed 29 September 1994: patented 25 June 1996.//Patent 5,530,214: VENTURI MUFFLER; filed 20 September 1994; patented 25 June 1996.//Patent 5,530,312: MULTI-CYCLE ELECTRIC

MOTOR SYSTEM; filed 22 June 1995; patented 25 June 1996.//Patent 5,530,448: THREE-PULSE MTI WITHOUT BLIND SPEEDS; filed 5 December 1983; patented 25 June 1996.//Patent 5,530,851: EARLY COMMIT TIMESTAMP COMPUTER DATABASE PROTOCOL; filed 28 April 1994; patented 25 June 1996.//Patent 5,531,844: ENERGETIC COMPOSITIONS CONTAINING NO VOLATILE SOLVENTS; filed 14 February 1994; patented 2 July 1996.//Patent 5,532,057: INDIA-STABILIZED ZIRCONIA COATING FOR COMPOSITES; filed 27 April 1995; patented 2 July 1996.//Patent 5,532,717: METHOD OF DISPLAYING TIME SERIES DATA ON FINITE RESOLUTION DISPLAY DEVICE; filed 19 May 1994; patented 2 July 1996.//Patent 5,532,979: TOWED ARRAY STRAIN-SENSING NOISE CANCELLER; filed 9 September 1981; patented 2 July 1996.//Patent 5,533,699: ADJUSTABLE TWO-AXIS INSTRUMENT MOUNT; filed 5 December 1994; patented 9 July 1996.//Patent 5,534,311: PRODUCTION OF STRUCTURES BY ELECTROSTATICALLY-FOCUSED DEPOSITION; filed 31 May 1995; patented 9 July 1996.//Patent 5,534,759: ELECTRIC VEHICLE MONITORING SYSTEM: filed 19 May 1995; patented 9 July 1996.//Patent 5,535,176: METHOD AND SYSTEM FOR SENSING WITH AN ACTIVE ACOUSTIC ARRAY; filed 28 June 1993; patented 9 July 1996.//Patent 5,535,232: OPTICALLY PUMPED, PRASEODYMIUM BASED SOLID STATE LASER; filed 31 January 1995; patented 9 July 1996.//Patent 5,535,402: SYSTEM FOR (N.M)-BIT CORRELATION USING N M-BIT CORRELATORS; filed 30 April 1992; patented 9 July 1996.//Patent 5,535,815: PACKAGE-INTERFACE THERMAL SWITCH; filed 24 May 1995; patented 16 July 1996.//Patent 5,535,904: SURFACE PREPARATION FOR BONDING IRON; filed 25 January 1995; patented 16 July 1996.//Patent 5,537,044: SURGE VOLTAGE GENERATOR FOR PULSING GROUNDED AND UNGROUNDED ELECTRICAL EQUIPMENT; filed 30 September 1994; patented 16 July 1996.//Patent 5,537,368: ENHANCED ADAPTIVE STATISTICAL FILTER PROVIDING IMPROVED PERFORMANCE FOR TARGET MOTION ANALYSIS NOISE DISCRIMINATION; filed 22 September 1993; patented 16 July 1996.//Patent 5,537,511: NEURAL NETWORK BASED DATA FUSION SYSTEM FOR SOURCE LOCALIZATION; filed 18 October 1994; patented 16 July 1996.//Patent 5,538,580: SPLIT GASKET ATTACHMENT METHOD; filed 17 January 1995; patented 23 July 1996.//Patent 5,539,032: CORROSION RESISTANT SELF-PRIMING ALKYD TOPCOATS; filed 7 June 1995; patented 23 July 1996.//Patent 5,539,758: UPCONVERSION PUMPED THULIUM FIBER AMPLIFIER AND LASER OPERATING AT 790 TO 830 NM; filed 20 January 1995; patented 23 July 1996.//Patent 5,541,868: ANNULAR GMR-BASED MEMORY ELEMENT; filed 21 February 1995; patented 30 July 1996.//Patent 5,543,800: RADAR DECODER: filed 6 November 1995; patented 6 August 1996.//Patent 5,546,356: WIDE BEAM ACOUSTIC PROJECTOR WITH SHARP CUTOFF AND LOW SIDE LOBES; filed 30 June 1993; patented 13 August 1996.//Patent 5,546,357: MONOSTATIC PROJECTOR SYNTHETIC APERTURE SONAR; filed 27 December 1994; patented 13 August 1996.//Patent 5,551,349: INTERNAL CONDUIT VEHICLE; filed 29 June 1995; patented 3 September 1996.//Patent application 08/042,682: SHOULDER-LAUNCHED, MULTIPLE-PURPOSE ASSAULT WEAPON; filed 14 August 1995.//Patent application 08/129,500: COHERENT SIGNAL POWER DETECTOR USING HIGHER-ORDER STATISTICS; filed 30 September 1993.//Patent application 08/310,539: RESPIRATORY SYSTEM PARTICULARLY SUITED FOR AIRCREW USE; filed 5 December 1994.//Patent application 08/320,617: CIRCULARLY POLARIZED DUAL FREQUENCY LIGHT-WEIGHT DEPLOYABLE ANTENNA SYSTEM; filed 7 October 1994.//Patent application 08/411,234: UNDERWATER VEHICLE AND COMBINATION DIRECTIONAL CONTROL AND CABLE INTERCONNECT MEANS; filed 27 March 1995.//Patent application 08/411,235: UNDERWATER VEHICLE AND COMBINATION DIRECTIONAL CONTROL AND CABLE INTERCONNECT DEVICE; filed 27 March 1995.//Patent application: 08/472,375: CORROSION RESISTANT SELF-PRIMING ALKYD TOPCOATS; filed 7 June 1996.//Patent application 08/491,692: INTRINSICALLY SELF DEFORMING FIBER OPTIC MICROBEND PRESSURE AND STRAIN SENSOR; filed 19 June 1995.//Patent application 08/492,831: MICROBUBBLE POSITIONING AND CONTROL SYSTEM; filed 28 July 1995.//Patent application 08/494,141: MULTI-CYCLE ELECTRIC MOTOR SYSTEM; filed 22 June 1995.//Patent application 08/494,423: APPARATUS FOR CHEMICAL REMOVAL OF PROTECTIVE COATING AND ETCHING OF CABLES WITH FIBER-LIKE SUBSTRATE; filed 26 June 1995.//Patent application 08/499,338: LOW POWER TRANSMITTER PROVIDING SELECTABLE WAVEFORM GENERATION; filed 7 July 1995.//Patent application 08/505,547: FORCE AMPLIFIED CHEMICAL AND BIOLOGICAL SENSOR; filed 21 July 1995.//Patent application 08/514,464: METHOD AND SYSTEM FOR DETECTING OBJECTS AT OR BELOW THE WATER'S SURFACE; filed 9 September 1995.//Patent application 08/514,573: SPOTTING ROUND BORE ALIGNMENT MECHANISM FOR ROCKET LAUNCHER; filed 14 August 1995.//Patent application 08/514,575: SHOULDER-LAUNCHED MULTIPLE-PURPOSE ASSAULT WEAPON; filed 30 October 1995.//Patent application 08/514,576: SINGLE SPRING BOLT LOCK AND CARTRIDGE EJECTOR; filed 14 August 1996.//Patent application 08/514,883: SINGLE TRIGGER DUAL FIRING MECHANISM; filed 14 August 1995.//Patent application 08/514,885: COMBINATION OPTICAL AND IRON SIGHT SYSTEM FOR ROCKET LAUNCHER; filed 14 August 1995.//Patent application 08/521,380: APPARATUS AND METHOD FOR FLOATING A TOWED DEVICE FROM A SUBMERGED VEHICLE; filed 16 August 1995.//Patent application 08/530,462: UNDERWATER VEHICLE SONAR SYSTEM WITH EXTENDIBLE ARRAY; filed 6 December 1995.//Patent application 08/530,463: INTERFACE MODULE FOR A TOWED ARRAY; filed 8 December 1995.//Patent application 08/530,464: OCEANOGRAPHIC SENSOR SUITE WET WELL SYSTEM; filed 8 December 1995.//Patent application 08/533,161: METHOD AND APPARATUS FOR SEGMENTING A SPEECH WAVEFORM; filed 7 November 1995.//Patent application 08/538,266: NON-ARCING CLAMP FOR AUTOMOTIVE BATTERY JUMPER CABLES; filed 3 October 1995.//Patent application 08/540,607: UNMANNED UNDERSEA VEHICLE INCLUDING KEEL-MOUNTED PAYLOAD DEPLOYMENT ARRANGEMENT WITH PAYLOAD COMPARTMENT FLOODING ARRANGEMENT TO MAINTAIN AXI-SYMMETRICAL MASS DISTRIBUTION; filed 11 October 1995.//Patent application 08/540,608: UNMANNED UNDERSEA VEHICLE WITH ERECTABLE SENSOR MAST FOR OBTAINING POSITION AND ENVIRONMENTAL VEHICLE STATUS; filed 11 October 1995.//Patent application 08/540,609: SYSTEM FOR DEPLOYING WEAPONS CARRIED IN

AN ANNULAR CONFIGURATION IN A UUV; filed 11 October 1995.//Patent application 08/540,610: UNMANNED UNDERSEA WEAPON DEPLOYMENT STRUCTURE WITH CYLINDRICAL PAYLOAD CONFIGURATION; filed 11 October 1995.//Patent application 08/540,612: UNMANNED UNDERSEA VEHICLE WITH KEEL-MOUNTED PAYLOAD DEPLOYMENT SYSTEM; filed 11 October 1995.//Patent application 08/540,613: UNMANNED UNDERSEA WEAPON DEPLOYMENT STRUCTURE WITH CYLINDRICAL PAYLOAD DEPLOYMENT SYSTEM; filed 11 October 1996.//Patent application 08/543,412: CONDUCTIVE POLYMER COATED FABRICS FOR CHEMICAL SENSING; filed 16 October 1995.//Patent application 08/550,039: TWO-PHASE-FLOW MUFFLER IN A ROTATING SHAFT; filed 30 October 1995.//Patent application 08/551,081: SYSTEM FOR DETERMINING AN INTERIOR OR EXTERIOR ACOUSTIC NOISE LEVEL OF AN ENCLOSED STRUCTURE AND NOISE REDUCTION DEVICE INCORPORATING SUCH SYSTEM; filed 31 October 1995.//Patent application 08/551,214: THERMAL BOND SYSTEM; filed 31 October 1995.//Patent application 08/551,725: FIBER OPTICAL DATA INTERFACE SYSTEM; filed 25 October 1995.//Patent application 08/556,301: SYSTEM AND METHOD FOR ACOUSTICALLY IMAGING AN UNDERGROUND TANK; filed 7 November 1995.//Patent application 08/558,313: MAKING AGGREGATES AND ARTICLES MADE THERE-FROM; filed 15 November 1995.//Patent application 08/558,998: BISTABLE PHOTOCONDUCTIVE SWITCHES PARTICULARLY SUITED FOR FREQUENCY-AGILE, RADIO-FREQUENCY SOURCES; filed 16 November 1995.//Patent application 08/562,548: MULTIPLE STRAP CARRIER; filed 17 November 1995.//Patent application 08/562,919: OPTICAL CORRELATOR USING SPATIAL LIGHT MODULATOR; filed 27 November 1995.//Patent application 08/562,920: OPTICAL CORRELATOR USING OPTICAL DELAY LOOPS; filed 27 November 1995.//Patent application 08/565,487: METHOD OF CONTROLLING A SUPERCONDUCTOR; filed 30 November 1995.//Patent application 08/568,859: METHOD AND APPARATUS FOR SIDE PUMPING AN OPTICAL FIBER; filed 7 December 1995.//Patent application 08/570,466: SYSTEM LEVEL AID FOR TROUBLESHOOTING (SLAT); filed 9 November 1995.//Patent application 08/572,389: FIBER OPTIC INFRARED CONE PENETROMETER SYSTEM; filed 14 December 1995.//Patent application 08/583,912: DISPLACEMENT ASSAY ON A POROUS MEMBRANE; filed 11 January 1996.//Patent application 08/587,412: BLADDER ASSEMBLY FOR RETAINING FLUID UNDER PRESSURE; filed 17 January 1996.//Patent application 08/587,766: METHOD AND SYSTEM FOR DETERMINING AXIAL MODULUS; filed 18 December 1995.//Patent application 08/587,798: INTERNAL GELATION METHOD FOR FORMING MULTIPLAYER MICROSPHERES AND PRODUCT THEREOF; filed 26 December 1995.//Patent application 08/591,181: DRAG REDUCTION POLYMER EJECTION SYSTEM FOR UNDERWATER VEHICLE; filed 16 January 1996.//Patent application 08/591,183: SUBMARINE DEPLOYED SEA-STATE SENSOR; filed 16 January 1996.//Patent application 08/591,184: BUOYANT TEST VEHICLE POLYMER EJECTION NOSE ASSEMBLY; filed 16 January 1996.//Patent application 08/591,187: INTEGRATED MOTOR/MARINE PROPULSOR WITH PERMANENT MAGNET BLADES; filed 21 December 1995.//Patent application 08/591,691: OPTICAL FIBER WITH HIGH ACCELERATION SENSITIVITY AND LOW PRESSURE SENSITIVITY FOR USE IN SPATIALLY AVERAGING FIBER OPTIC ACCELEROMETER SENSORS; filed 24 January 1996.//Patent application 08/594,825: ACOUSTIC TRANSDUCER; filed 11 December 1995.//Patent application 08/594,975: ADHESION ENHANCEMENT FOR UNDERPLATING PROBLEM; filed 31 January 1996.//Patent application 08/598,677: THERMOLUMINESCENCE RADIATION DOSIMETRY USING TRANSPARENT GLASS CONTAINING NANOCRYSTALLINE PHOSPHOR; filed 8 February 1996.//Patent application 08/599,391: SHOULDER-LAUNCHED MULTI-PURPOSE ASSAULT WEAPON WITH A REMOVABLE ROCKET TUBE AND SPOTTER BARREL; filed 8 December 1995.//Patent application 08/601,560: SITE-CONTROLLED LOCKING DEVICE, SPECIFICATION; filed 14 February 1996.//Patent application 08/603,296: SYNTHESIS OF UNAGGLOMERATED METAL NANO-PARTICLES AT MEMBRANE INTERFACE; filed 25 July 1995.//Patent application 08/604,144: CABLE INTEGRITY TESTER; filed 20 February 1996.//Patent application 08/605,233: PORTABLE ACOUSTIC TURBULENCE DETECTOR; filed 2 February 1996.//Patent application 08/605,235: SUBMERGIBLE TOWED BODY SYSTEM; filed 2 February 1996.//Patent application 08/605,243: BRISK MANEUVERING DEVICE FOR UNDERSEA VEHICLES; filed 12 February 1996.//Patent application 08/605,290: ROTARY PUMP SYSTEM; filed 17 January 1996.//Patent application 08/605,291: PHOTOELASTIC STRESS SENSOR; filed 17 January 1996.//Patent application 08/605,292: SYSTEM FOR ASSESSING STOCHASTIC PROPERTIES OF SIGNALS REPRESENTING THREE ITEMS OF MUTUALLY ORTHOGONAL MEASUREMENT INFORMATION; filed 17 January 1996.//Patent application 08/605,311: METHOD AND APPARATUS FOR OPTIMAL GUIDANCE; filed 7 February 1996.//Patent application 08/605,312: TEMPERATURE CONTROL VALVE WITHOUT MOVING PARTS; filed 7 February 1996.//Patent application 08/605,313: UNDERWATER VEHICLE AND A FIN ASSEMBLY THEREFOR; filed 7 February 1996.//Patent application 08/605,314: METHOD AND APPARATUS FOR AVOIDING DETECTION BY A THREAT PROJECTILE; filed 7 February 1996.//Patent application 08/605,315: CIRCUMFERENTIAL CIRCULATION CONTROL SYSTEM; filed 7 February 1996.//Patent application 08/606,107: ROBUST, NONTOXIC, ANTIFOULING POLYMER; filed 23 February 1996.//Patent application 08/613,747: APPARATUS AND METHOD FOR COMPUTING UNSTEADY FLOWS BY DIRECT SOLUTION OF THE VORTICITY EQUATION; filed 22 February 1996.//Patent application 08/613,771: METHOD AND APPARATUS FOR SEPARATING PARTICULATE MATTER FROM A FLUID; filed 28 February 1996.//Patent application 08/613,772: METHOD AND APPARATUS FOR SEPARATING SUSPENDED PARTICLES FROM A FLOWING FLUID; filed 28 February 1996.//Patent application 08/613,809: COMBINATION MOTOR AND PUMP ASSEMBLY; filed 6 March 1996.//Patent application 08/613,814: SEALING APPARATUS FOR EXCLUSION OF WATER FROM UNDERWATER GUN BARRELS; filed 3 March 1996.//Patent application 08/615,348: CHEMICAL WARFARE AGENT DECONTAMINANT SOLUTION USING QUATERNARY AMMONIUM COMPLEXES; filed 15 March 1996.//Patent application 08/621,149: FLUOROALIPHATIC CYANATE RESINS FOR LOW DIELECTRIC APPLICATIONS; filed 21 March 1996.//Patent application 08/621,404: LOW TEMPERATURE CATALYTIC DESULFURIZATION OF CARBON-BASED MATERIAL, AND THE USE OF LOW SULFUR-CONTENT

CARBON IN POWER SOURCE APPLICATIONS; filed 25 March 1996./ /Patent application 08/624,833: ULTRA-BROADBAND HYDROPHONE; filed 22 March 1996.//Patent application 08/624,835: ACOUSTIC ELEMENT TESTER FOR AN ARRAY OF HYDROPHONES; filed 22 March 1996.//Patent application 08/641,018: SYSTEM AND METHOD FOR DATA COMPRESSION; filed 15 April 1996.

FOR FURTHER INFORMATION CONTACT: Mr. R.J. Erickson, Staff Patent Attorney, Office of Naval Research (Code 00CC), Arlington, VA 22217–5660, telephone (703) 696–4001.

Dated: December 6, 1996.

D.E. Koenig,

LCDR, JAGC, USN, Federal Register Liaison Officer.

[FR Doc. 96–31922 Filed 12–16–96; 8:45 am]

BILLING CODE 3810–FF–P

DEPARTMENT OF ENERGY

DOE Implementation Plan for Recommendation 96–1 of the Defense Nuclear Facilities Safety Board, In-Tank Precipitation System at the Savannah River Site

AGENCY: Department of Energy.

ACTION: Notice.

SUMMARY: The Defense Nuclear Facilities Safety Board published Recommendation 96–1, concerning the In-Tank Precipitation System at the Savannah River Site, in the Federal Register on August 23, 1996 (61 FR 43534). Section 315(e) of the Atomic Energy Act of 1954, as amended, 42 U.S.C. 2286d(e) requires the Department of Energy to transmit an implementation plan to the Defense Nuclear Facilities Safety Board after acceptance of the Recommendation by the Secretary. The Department's implementation plan was sent to the Defense Nuclear Facilities Safety Board on November 12, 1996, and is available for review in the Department of Energy Public Reading Rooms.

DATES: Comments, or views concerning the implementation plan are due on or before January 16, 1997.

ADDRESSES: Send Comments, data, or views concerning the implementation plan to: Department of Energy, Savannah River Operations Office, Road 1, Aiken, South Carolina 29801. Attention: Mr. Lee Watkins, Assistant Manager for High Level Waste.

FOR FURTHER INFORMATION CONTACT: Mr. Lee Watkins, Assistant Manager for High Level Waste, Department of Energy, Savannah River Operations Office, Road 1, Aiken, South Carolina 29801.

Issued in Washington, D.C., on November 26, 1996.

Mark B. Whitaker, Jr.,

Departmental Representative to the Defense Nuclear Facilities Safety Board.

November 12, 1996.

The Honorable John T. Conway,
Chairman, Defense Nuclear Facilities Safety Board, 625 Indiana Avenue, N.W., Suite 700, Washington, D.C. 20004

Dear Mr. Chairman: This letter forwards the Department's implementation plan for addressing the issues raised in the Defense Nuclear Facilities Safety Board's Recommendation 96–1.

The implementation plan presents a comprehensive strategy to resolve the safety issues related to the benzene generation at the In-Tank Precipitation Facility. The implementation plan addresses three major areas of investigation regarding the chemical and physical mechanisms of benzene generation, retention, and release. The consolidation and evaluation of the specific laboratory tests will provide the information necessary to revise the Authorization Basis and indicate any modifications needed to resume full operation of the facility.

The implementation plan was prepared by Mr. Lee Watkins, Assistant Manager for High Level Waste, Savannah River Operations Office, in coordination with senior Department managers and Defense Nuclear Facilities Safety Board staff. We appreciate your staff's dedication and support of the development of this plan.

Sincerely,

Hazel R. O'Leary

[FR Doc. 96–31960 Filed 12–16–96; 8:45 am]

BILLING CODE 6450–01–M

DOE Response to Recommendation 96–1 of the Defense Nuclear Facilities Safety Board, In-Tank Precipitation System of the Savannah River Site

AGENCY: Department of Energy.

ACTION: Notice.

SUMMARY: The Defense Nuclear Facilities Safety Board published Recommendation 96–1, concerning the In-Tank Precipitation System at the Savannah River Site, in the Federal Register on August 23, 1996 (61 FR 43534). Section 315(b) of the Atomic Energy Act of 1954, as amended, 42 U.S.C. 2286d(b) requires the Department of Energy to transmit a response to the Defense Nuclear Facilities Safety Board by October 7, 1996. The Secretary's response follows:

DATES: Comments, data, views, or arguments concerning the Secretary's response are due on or before January 16, 1997.

ADDRESSES: Send comments, data, views, or arguments concerning the Secretary's response to: Defense Nuclear Facilities Safety Board, 625 Indiana Avenue, NW, Suite 700, Washington, D.C. 20004.

FOR FURTHER INFORMATION CONTACT: Mr. Lee Watkins, Assistant Manager for High Level Waste, Department of Energy, Savannah River Operations Office, Road 1, Aiken, South Carolina 29801.

Issued in Washington, D.C., on October 8, 1996.

Mark B. Whitaker,

Departmental Representative to the Defense Nuclear Facilities Safety Board.

September 16, 1996.

The Honorable John T. Conway,
Chairman, Defense Nuclear Facilities Safety Board, 625 Indiana Avenue, N.W., Suite 700, Washington, D.C. 20004.

Dear Mr. Chairman: Thank you for your August 14, 1996, letter transmitting the Defense Nuclear Facilities Safety Board's Recommendation 96–1. The Department accepts Recommendation 96–1.

Safe operation of the In-Tank Precipitation System is vital to the success of the entire high-level waste system at the Savannah River Site, and an adequate understanding of benzene generation and release is necessary for safe operation. We appreciate your offer to allocate priority resources to join in the expedited development of a mutually acceptable Implementation Plan, and we look forward to your assistance in this matter.

The Savannah River Operations Office has directed that necessary modifications are completed and approval of a revised safety basis be obtained prior to resuming process operations of the In-Tank Precipitation System. Discussions between the Board, Board staff members, and Savannah River personnel on August 28, 1996, were beneficial in clarifying expectations for:

- The identification of catalysts that contribute to benzene generation in the facility;
- Investigation of the chemical and physical mechanisms that could influence the retention or release of benzene in the waste slurry;
- Adequacy of safety measures, including the Authorization Basis, for in-plant testing and full operation of the system; and
- Laboratory testing to improve the understanding of the tetraphenylborate chemistry in the waste slurries.

As stated in the Recommendation, the Department and Westinghouse Savannah River Company have brought substantial expertise to bear on understanding the science of the In-Tank Precipitation System process, and we will continue to do so as we work to ensure a successful resolution of this Recommendation.

Given the site-specific nature of the Recommendation, I have designated Mr. Lee Watkins, the Assistant Manager for High Level Waste, Savannah River Operations Office, as the responsible manager for the preparation of the Implementation Plan. Mr. Watkins can be reached on (803) 208–6053.