

Defense Nuclear Facilities Safety Board

Correspondence Log Report

09/16/2012 - 09/30/2012

Date Created	Control Number	Subject
9/17/2012	2012.0001037	RECOMEND; DOE 08/27/2012 LETTER, NOTIFYING THE BOARD OF THE STATUS OF THE DOE IMPLEMENTATION PLAN FOR BOARD RECOMMENDATION 2010-2, PULSE JET MIXING AT THE WASTE TREATMENT AND IMMOBILIZATION PLANT (WTP); SEE ATTACHMENT
9/17/2012	2012.0001035	RECOMEND; LOS ALAMOS 08/11/2011 LETTER, ANDERSON TO KEILERS, RE: SUBMITTAL OF EVIDENCE FOR EARLY COMPLETION OF MILESTONE 5.4.5 OF DOE IMPLEMENTATION PLAN FOR DNFSB 2009-02, FY11 PBI 7.4.2, 7.4.3, AND 18.4A; SEE ATTACHMENT
9/24/2012	2012.0001081	RECOMEND; DOE/NNSA 09/06/2012 RESPONSE TO BOARD 06/18/2012 LETTER WHICH ISSUED A REPORTING REQUIREMENT FOR A REPORT AND BRIEFING WITHIN 30-DAYS PROVIDING (SEE 2012.0633 WHICH REFERS TO REC. 2009-2), REQUESTING AN ADDITIONAL 60 DAYS BEYOND THE INITIAL EXTE
9/25/2012	2012.0001073	GENERAL; 04/20/2007 STATEMENT OF GREGORY H. FRIEDMAN, INSPECTOR GENERAL, U.S. DOE BEFORE THE SUBCOMMITTEE ON OVERSIGHT AND INVESTIGATIONS OF THE COMMITTEE ON ENERGY AND COMMERCE, U.S. HOUSE OF REPRESENTATIVES
9/25/2012	1991.0001079	PANTEX; 04/22/1991 INFORMATION PACKAGE, "DNFSB BRIEFING - PANTEX PLANT, AMARILLO, TEXAS"
9/20/2012	2012.0001071	GENERAL; DOE/NNSA 09/05/2012 LETTER RE: ORGANIZATIONAL CHANGES WITHIN THE NATIONAL NUCLEAR SECURITY ADMINISTRATION INCLUDING ASSOCIATE ADMINISTRATOR FOR ACQUISITION AND PROJECT MANAGEMENT AND THE NEW POSITION OF ASSOCIATE ADMINISTRATOR FOR INFRASTRUCTURE
9/24/2012	1991.0000358	FERNALD; 01/17/1991 DOCUMENT, "DNFSB BRIEFING;" INFORMATION REGARDING THE FEED MATERIALS PRODUCTION CENTER (FMPC)
9/20/2012	2012.0001070	LLNL; DNFSB 08/30/2012 LETTER TO T. P. D'AGOSTINO, ADM/NNSA, ISSUING A REPORTING REQUIREMENT FOR A REPORT AND BRIEFING WITHIN 60 DAYS PROVIDING NNSA'S PERSPECTIVE AND PLANS TO IMPROVE THE DEVELOPMENT, REVIEW, APPROVAL, AND OVERSIGHT OF SAFETY CONTROL STR
9/24/2012	2012.0001080	OAK RIDGE; DNFSB 09/06/2012 LETTER TO T. P. D'AGOSTINO, ADM/NNSA, RE: BOARD ISSUES A REPORTING REQUIREMENT FOR A REPORT WITHIN 60 DAYS DESCRIBING NNSA's APPROACH TO VALIDATE THE MODELING ASSUMPTIONS IN THE ANALYSIS AND DESIGN OF THE URANIUM PROCESSING FA
9/27/2012	1990.0002021	ROCKY FLATS 07/03/1990 INEL LETTER, BRIGGS TO MAYFIELD, RE: REVIEW OF GENERIC CRITICALITY SAFETY ANALYSIS OF PLUTONIUM GLOVEBOX EXHAUST SYSTEM - JBB-07-90
9/20/2012	2012.0001066	HANFORD; DOE/EM 08/29/2012 RICHLAND OPERATIONS OFFICE BRIEFING PRESENTATION TO BOARD, "STP LETTER, PLUTONIUM FINISHING PLANT (PFF) AND WESF (WASTE ENCAPSULATION AND STORAGE FACILITY) CAPSULE MOVE;" MATT McCORMICK, MANAGER, RICHLAND OPERATIONS OFFICE; TRAN

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9/17/2012	2012.0001043	GENERAL; 01/01/1987 JOURNAL ARTICLE, "WEAR BY PARTICULATES;" I. M. HUTCHINGS; CHEMICAL ENGINEERING SCIENCE, VOLUME 42, NO. 4, 869-878, 1987
9/17/2012	2012.0001042	GENERAL; 10/27/1986 JOURNAL ARTICLE, "EROSION WEAR IN SLURRY PUMPS AND PIPES;" M. C. ROCO AND G. R. ADDIE; POWDER TECHNOLOGY, 50 (1987) 35-46. PRESENTED AT THE 1ST WORLD CONFERENCE ON PARTICLE TECHNOLOGY, NUREMBERG (F.R.G.) 04/1986
9/17/2012	2012.0001038	GENERAL; 02/09/2006 JOURNAL ARTICLE, "ANALYTIC MODEL OF LAMINAR-TURBULENT TRANSITION FOR BINGHAM PLASTICS;" C. WILSON AND A. D. THOMAS; THE CANADIAN JOURNAL OF CHEMICAL ENGINEERING, VOLUME 84, 10/2006; ONE COPY IS IN THE DNFSB LIBRARY
9/17/2012	2012.0001041	GENERAL; 08/12/2009 JOURNAL ARTICLE, "WEAR PREDICTION IN FULLY DEVELOPED MULTI-SIZE PARTICULATE FLOW IN HORIZONTAL PIPELINES;" K. PAGALTHIVARTHI, J. RAVICHANDRA, ET AL. JOURNAL OF COMPUTATIONAL MULTIPHASE FLOWS, VOLUME 1, NO. 3, 2009
9/17/2012	2012.0001039	GENERAL; 07/26/2008 JOURNAL ARTICLE, "INCORPORATING MODELING UNCERTAINTIES IN THE ASSESSMENT OF SEISMIC COLLAPSE RISK OF BUILDINGS;" A. B. LIEL, C. B. HASELTON, G. G. DEIERLEIN, AND J. W. BAKER; STRUCTURAL SAFETY 31, (2009) 197-211; DOI: 10.1016/J.STRUSAF
9/18/2012	2012.0001047	GENERAL; 01/01/1968 JOURNAL ARTICLE, "DIBUTYL CARBITOL SOLVENT EXTRACTION OF POLONIUM-210 FROM NITRIC ACID SOLUTIONS OF IRRADIATED BISMUTH;" W. W. SCHULZ AND L. RICHARDSON; I&EC PROCESS DESIGN AND DEVELOPMENT, VOLUME 7, NO. 1, 01/1986. ONE COPY IS I
9/18/2012	2012.0001046	GENERAL; 05/01/1998 JOURNAL ARTICLE, "MAXIMUM PENETRATION OF VERTICAL ROUND DENSE JETS AT SMALL AND LARGE FROUDE NUMBERS;" BY H. ZHANG AND R. E. BADDOUR; JOURNAL OF HYDRAULIC ENGINEERING, VOLUME 124, NO. 5, 05/1998; ISSN 0733-9429/98/0005-0550-0553. ONE C
9/18/2012	2012.0001044	GENERAL; 10/20/1992 JOURNAL ARTICLE, "DEPENDENCE OF THE WIND PROFILE POWER LAW EXPONENT ON THE PASQUILL STABILITY CLASSES AND HEIGHT INTERVAL IN A STABLY STRATIFIED SURFACE BOUNDARY LAYER;" N.M. ZOUMAKIS; IL NUOVO CIMENTO, NOTE BREVI, VOLUME 16, C, N. 1,
9/18/2012	2012.0001048	GENERAL; 05/06/1996 JOURNAL ARTICLE, "FAULT PARAMETERS OF THE 1896 SANRIKU TSUNAMI EARTHQUAKE ESTIMATED FROM TSUNAMI NUMERICAL MODELING;" Y. TANIOKA AND K. SATAKE; GEOPHYSICAL RESEARCH LETTERS, VOLUME 23, NO. 13, 1549-1552, 06/15/1996. ONE COPY IS IN THE
9/24/2012	2012.0001083	GENERAL; 12/27/2007 JOURNAL ARTICLE, "AN EFFICIENT TENSION-STIFFENING MODEL FOR NONLINEAR ANALYSIS OF REINFORCED CONCRETE MEMBERS;" R. S. B. STRAMANDINOLI, AND H. L. LaROVERE; ENGINEERING STRUCTURES, 30 (2008) 2069-2080. ONE COPY IS IN THE DNFSB LIBRARY
9/24/2012	2012.0001082	GENERAL; 01/24/2008 JOURNAL ARTICLE, "DYNAMIC WALL-SHEAR STRESS MEASUREMENTS IN TURBULENT PIPE FLOW USING THE MICRO-PILLAR SENSOR MPS3;" S. GROBE AND W. SCHRODER; INTERNATIONAL JOURNAL OF HEAT AND FLUID FLOW, 29, (2008) 830-840. ONE COPY IS IN THE DNFSB L
9/24/2012	2012.0001074	GENERAL; 01/01/2007 BOOK, CHAPTER 6.09, "EROSION / CORROSION;" R. J. K. WOOD; FROM THE SET - COMPREHENSIVE STRUCTURAL INTEGRITY, VOLUME 6, 395-427; ISBN 978-0804-3749-1; ONE COPY IS IN THE DNFSB LIBRARY

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9/24/2012	2012.0001072	STDS; AMERICAN SOCIETY FOR TESTING AND MATERIAL (ASTM) 01/01/2010 "STANDARD GUIDE FOR EVALUATION OF MATERIALS USED IN EXTENDED SERVICE OF INTERIM SPENT NUCLEAR FUEL DRY STORAGE SYSTEMS;" C1562-10. ONE COPY IS IN THE DNFSB LIBRARY
9/24/2012	2012.0001084	GENERAL; 04/03/2011 JOURNAL ARTICLE, "FLAME BURNING SPEEDS AND COMBUSTION CHARACTERISTICS OF UNDILUTED AND NITROGEN-DILUTED HYDROGEN-NITROUS OXIDE MIXTURES;" S. P. M. BANE, R. MEVEL, S. A. CORONEL AND J. E. SHEPHERD; INTERNATIONAL JOURNAL OF HYDROGEN ENER
9/25/2012	2012.0001088	GENERAL; 08/01/1986 JOURNAL ARTICLE, "CONSIDERATIONS WHEN APPLYING ASDs (ADJUSTABLE SPEED DRIVES) IN CONTINUOUS PROCESS;" R. A. EPPERLY, F. L. HOADLEY, AND R. W. PIEFER; IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, VOLUME 33, NO. 2, 03/1997 - 04/1997. ONE
9/25/2012	2012.0001091	STDS; AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM) 04/01/2009 DESIGNATION C876-09, "STANDARD TEST METHOD FOR CORROSION POTENTIALS OF UNCOATED REINFORCING STEEL IN CONCRETE;" ASTM INTERNATIONAL, 04/01/2009
9/25/2012	2012.0001089	STDS; INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS 05/15/2006, IEEE STANDARD 1556-2005, "IEEE STANDARD FOR PERFORMANCE OF ADJUSTABLE SPEED AC DRIVES RATED 375 Kw AND LARGER;" RECOGNIZED AS AN AMERICAN NATIONAL STANDARD (ANSI); ONE COPY IS IN THE DNFS
9/25/2012	2012.0001092	STDS; AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM) DESIGNATION G30-97, "STANDARD PRACTICE FOR MAKING AND USING U-BEND STRESS-CORROSION TEST SPECIMENS;" CURRENT EDITION APPROVED 05/01/2009. DOI: 10-1520/G0030-97R09
9/25/2012	2012.0001094	STDS; AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM) DESIGNATION G5-94, "STANDARD REFERENCE METHOD FOR MAKING POTENTIOSTATIC AND POTENTIODYNAMIC ANODIC POLARIZATION MEASUREMENTS;" CURRENT EDITION APPROVED 11/01/2004. DOI: 10-1520/G0005-94R04. ONE COPY
9/25/2012	2012.0001086	GENERAL; 01/01/1998 JOURNAL ARTICLE, "CHARACTERIZATION OF ENRICHED URANIUM DIOXIDE PARTICLES FROM A URANIUM HANDLING FACILITY;" HOOVER, NEWTON, GUILLETTE, ET AL. RADIATION PROTECTION DOSIMETRY, VOLUME 79, NOS. 1-4, 57-62 (1998). NUCLEAR TECHNOLOGY PUBLISHI
9/25/2012	2012.0001093	STDS; AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM) DESIGNATION G31-72, "STANDARD PRACTICE FOR LABORATORY IMMERSION CORROSION TESTING OF METALS;" CURRENT EDITION APPROVED 04/01/2004. DOI: 10-1520/G0031-72R04. ONE COPY IS IN THE DNFSB LIBRARY
9/25/2012	2012.0001090	STDS; AMERICAN CONCRETE INSTITUTE (ACI) 07/01/2008 ACI 201.1R-08, "GUIDE FOR CONDUCTING A VISUAL INSPECTION OF CONCRETE IN SERVICE;" ISBN 978-0-87031-290-8. ONE COPY IS IN THE DNFSB LIBRARY
9/25/2012	2012.0001087	GENERAL; 10/10/1979 JOURNAL ARTICLE, "A COMPARISON OF TURBULENCE CLASSIFICATION SCHEMES;" L. SEDEFIAN AND E. BENNETT; ATMOSPHERIC ENVIRONMENT, VOLUME 14, 741-750. ONE COPY IS IN THE DNFSB LIBRARY
9/25/2012	2012.0001085	GENERAL; 05/15/2010 JOURNAL ARTICLE, "STATISTICAL ANALYSIS OF ELECTROSTATIC SPARK IGNITION OF LEAN H2/O2/Ar MIXTURES;" S. P. M. BANE, J. E. SHEPHERD, E. KWON, AND A. C. DAY; INTERNATIONAL JOURNAL OF HYDROGEN ENERGY 36 (2011) 2344-2350. DOI: 10.1016/J.IJHY

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9/26/2012	2012.0001095	GENERAL; 12/11/1997 JOURNAL ARTICLE, "THE ROLE OF THE PIRT (PHENOMENA IDENTIFICATION AND RANKING TABLE) PROCESS IN EXPERIMENTS, CODE DEVELOPMENT AND CODE APPLICATIONS ASSOCIATED WITH REACTOR SAFETY ANALYSIS;" G. W. WILSON AND B. E. BOYACK; NUCLEAR ENGINEE
9/26/2012	2012.0001098	STDS; AMERICAN CONCRETE INSTITUTE (ACI) 07/01/2012 STANDARD, ACI 408.2R-12: REPORT ON BOND OF STEEL REINFORCING BARS UNDER CYCLIC LOADS; ISBN 13: 978-0-87031-779-8. ONE COPY IS IN THE DNFSB LIBRARY
9/26/2012	2012.0001102	GENERAL; 03/24/1994 JOURNAL ARTICLE, "SIMPLIFIED EXPRESSIONS FOR VEGETATION ROUGHNESS LENGTH AND ZERO-PLANE DISPLACEMENT AS FUNCTIONS OF CANOPY HEIGHT AND AREA INDEX;" BOUNDARY-LAYER METEOROLOGY 41, 211-216, 1994. ONE COPY IS IN THE DNFSB LIBRARY
9/26/2012	2012.0001096	GENERAL; 03/20/2006 JOURNAL ARTICLE, "EXPERIMENTAL MEASUREMENT OF FRICTIONAL LAW UNDER CCFL IN POROUS DEBRIS;" Y. ABE AND Y. SUDO; ACCEPTED 03/20/2006. DOI: 10.1016/J.NUCENGDES.2006.03.005. ONE COPY IS IN THE DNFSB LIBRARY
9/26/2012	2012.0001097	STDS; AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM) DESIGNATION G129-00, "STANDARD PRACTICE FOR SLOW STRAIN RATE TESTING TO EVALUATE THE SUSCEPTIBILITY OF METALLIC MATERIALS TO ENVIRONMENTALLY ASSISTED CRACKING;" CURRENT EDITION APPROVED 11/01/2006. D
9/26/2012	2012.0001101	GENERAL; 09/28/1989 JOURNAL ARTICLE, "ON THE DETERMINATION OF ZERO-PLANE DISPLACEMENT AND ROUGHNESS LENGTH FOR FLOW OVER FOREST CANOPIES;" A. F. LO; BOUNDARY LAYER METEOROLOGY 51, 255-268, 1990. ONE COPY IS IN THE DNFSB LIBRARY
9/26/2012	2012.0001099	GENERAL; 06/23/1993 JOURNAL ARTICLE, "SENSITIVITY OF GAUSSIAN PLUME MODEL TO DISPERSION SPECIFICATION;" M. D. CARRASCAL, M. PUIGSERVER, AND P. PUIG; THEORETICAL AND APPLIED CLIMATOLOGY, 48, 147-157 (1993). ONE COPY IS IN THE DNFSB LIBRARY
9/26/2012	2012.0001100	GENERAL; 01/01/1992 JOURNAL ARTICLE, "WIND CHARACTERISTICS IN THE SURFACE LAYER OVER HETEROGENEOUS TERRAIN;" H. W. TIELEMAN; JOURNAL OF WIND ENGINEERING AND INDUSTRIAL AERODYNAMICS, 41-44 (1992) 329-340. ONE COPY IS IN THE DNFSB LIBRARY
9/27/2012	2012.0001105	GENERAL; 03/07/2011 JOURNAL ARTICLE, "EXPERIMENTAL CHARACTERIZATION OF THE EFFECTIVE PARTICLE DIAMETER OF A PARTICULATE BED PACKED WITH MULTI-DIAMETER SPHERES;" L. LI AND W. MA; ACCEPTED 03/07/2011. NUCLEAR ENGINEERING AND DESIGN 241 (2011) 1736-1745. ONE
9/27/2012	2012.0001104	GENERAL; 01/01/1990 JOURNAL ARTICLE, "FOOTPRINT PREDICTION OF SCALAR FLUXES FROM ANALYTICAL SOLUTIONS OF THE DIFFUSION EQUATION;" P. H. SCHUEPP, M. Y. LECLERC, J. I. MACPHERSON, AND R. L. DESJARDINS; BOUNDARY-LAYER METEOROLOGY, 50, 355-373, 1990. ONE COPY
9/27/2012	2012.0001107	STDS; INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS 06/16/2008, IEEE STANDARD 1028-2008, "IEEE STANDARD FOR SOFTWARE REVIEWS AND AUDITS;" APPROVED 06/16/2008, IEEE-SA STANDARDS BOARD; ISBN 978-0-7381-5768-9. ONE COPY IS IN THE DNFSB LIBRARY
9/27/2012	2012.0001110	GENERAL; 08/01/1989 JOURNAL ARTICLE, "SLUDGE SUSPENSION IN WASTE STORAGE TANKS;" B. HAMM, W. WEST, AND G. TATTERSON; AMERICAN INSTITUTE OF CHEMICAL ENGINEERING JOURNAL, VOLUME 35, NO. 8, 08/1989. ONE COPY IS IN THE DNFSB LIBRARY

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9/27/2012	2012.0001106	STDS; INTERNATIONAL ORGANIZATION FOR STANDARDIZATION (ISO) 01/11/1995 INTERNATIONAL STANDARD ISO 1709, "NUCLEAR ENERGY - FISSILE MATERIAL - PRINCIPLES OF CRITICALITY SAFETY IN STORING, HANDLING AND PROCESSING;" REFERENCE NO. ISO 1709:1995(E); ONE COPY IS
9/27/2012	2012.0001103	GENERAL; 11/23/1987 JOURNAL ARTICLE, "TURBULENCE STRUCTURE IN A DECIDUOUS FOREST;" DENNIS D. BALDOCCHI AND TILDEN P. MEYER. BOUNDARY-LAYER METEOROLOGY 43 (1988) 345-364. ONE COPY IS IN THE DNFSB LIBRARY
9/27/2012	2012.0001111	GENERAL; 08/01/1953 REPORT, "CHEMICAL PROBLEMS ASSOCIATED WITH THE DEVELOPMENT OF NUCLEAR REACTORS;" WILLIAM F. KIEFFER; REPORT OF THE NEW ENGLAND ASSOCIATION OF CHEMISTRY TEACHERS; JOURNAL OF CHEMICAL EDUCATION, 09/1954. PRESENTED AT THE 15TH SUMMER CONF
9/28/2012	2012.0001118	GENERAL; 01/01/2006 JOURNAL ARTICLE, "APPLICABILITY OF AIRBORNE RELEASE FRACTION AND RESPIRABLE FRACTION VALUES TO PARTICULATE TOXIC CHEMICAL MATERIAL RELEASES AT DOE SITES;" J. C. LAUL, TERRY L. FOPPE AND JOFU MISHIMA; JOURNAL OF CHEMICAL HEALTH AND SAFE
9/28/2012	2012.0001120	GENERAL; 10/15/2009 JOURNAL ARTICLE, "SELECTION OF EARTHQUAKE GROUND MOTION RECORDS: A STATE-OF-THE-ART REVIEW FROM A STRUCTURAL ENGINEERING PERSPECTIVE;" E. I. KATSANOS, A. G. SEXTOS, AND G. D. MANOLIS; SOIL DYNAMICS AND EARTHQUAKE ENGINEERING 30 (2010)
9/28/2012	2012.0001119	GENERAL; 07/27/1978 TECHNICAL NOTE, "A THEORETICAL VARIATION OF THE WIND PROFILE POWER-LAW EXPONENT AS A FUNCTION OF SURFACE ROUGHNESS AND STABILITY;" JOHN S. IRWIN; ATMOSPHERIC ENVIRONMENT, VOLUME 13, 191-194. ONE COPY IS IN THE DNFSB LIBRARY
9/28/2012	2012.0001117	GENERAL; 09/25/1974 JOURNAL ARTICLE, "CALORIC BEAD TECHNIQUES FOR THE MEASUREMENT OF KINETIC DATA FOR GAS-SOLID HETEROGENEOUS REACTIONS;" ALAN JONES, J. G. FIRTH AND T. A. JONES; JOURNAL OF PHYSICS e: SCIENTIFIC INSTRUMENTS 1975, VOLUME 8, 37-40; ONE COPY
9/28/2012	2012.0001114	STDS; 12/29/2006 AMERICAN SOCIETY OF MECHANICAL ENGINEERS ASME V&V 10-2006, "GUIDE FOR VERIFICATION AND VALIDATION IN COMPUTATIONAL SOLID MECHANICS;" AN AMERICAN NATIONAL STANDARD; ONE COPY IS IN THE DNFSB LIBRARY
9/28/2012	2012.0001116	GENERAL; 08/06/2010 JOURNAL ARTICLE, "ON THE OXIDE FUME FORMED BY THE COMBUSTION OF PLUTONIUM AND URANIUM;" R. F. CARTER AND K. STEWART; INHALED PARTICLES, VOLUME 2, 819-838 02/1970. ONE COPY IS IN THE DNFSB LIBRARY
9/28/2012	2012.0001115	STDS; 11/24/2006 AMERICAN SOCIETY OF MECHANICAL ENGINEERS ASME V&V AG-1a-2009, "ADDENDA TO ASME AG-1-2009, CODE ON NUCLEAR AIR AND GAS TREATMENT;" AN AMERICAN NATIONAL STANDARD; ONE COPY IS IN THE DNFSB LIBRARY
9/28/2012	2012.0001113	STDS; 05/30/2006 AMERICAN SOCIETY OF MECHANICAL ENGINEERS (ASME) ASME PTC 22-2005, "GAS TURBINES - PERFORMANCE TEST CODES;" AN AMERICAN NATIONAL STANDARD; ONE COPY IS IN THE DNFSB LIBRARY