

Defense Nuclear Facilities Safety Board

Correspondence Log Report

05/01/2012 - 05/15/2012

Date Created	Control Number	Subject
5/9/2012	2012.0000407	RECOMEND; DOE 04/23/2012 LETTER RESPONDING TO BOARD 03/02/2012 LETTER (SEE 2012.0177) AND INFORMING THE BOARD THAT THE DOE UPDATE TO THE RECOMMENDATION 2011-1 IMPLEMENTATION PLAN (IP) REQUESTED BY 04/30/2012 IS NOT ACHIEVABLE BECAUSE THE ACTION PLAN DEVEL
5/15/2012	2012.0000423	GENERAL; DNFSB 04/23/2012 PRESS RELEASE ANNOUNCING THE ASSIGNMENT OF DR. THOMAS SPATZ AS A BOARD SITE REPRESENTATIVE AT DOEGÇÖS PANTEX PLANT IN TEXAS
5/8/2012	2012.0000401	LOS ALAMOS; DOE 08/26/2005 DIRECTIVE IN REFERENCE TO TA-55, "NUCLEAR MATERIAL CONTROL AND ACCOUNTABILITY:" DOE M 470.4-6
5/9/2012	2012.0000400	SNL; DNFSB 04/18/2012 LETTER TO DONALD L. COOK, DEPUTY ADMINISTRATOR FOR DEFENSE PROGRAMS, NNSA, DOE, RE: BOARD ISSUES A REPORTING REQUIREMENT FOR A REPORT AND BRIEFING WITHIN 90 DAYS DESCRIBING THE PLANS AND SCHEDULE FOR ACTIONS TO BE TAKEN TO ADDRESS T
5/7/2012	2012.0000395	STDS; 03/01/2006 DOE STANDARD, "PREPARATION GUIDE FOR U.S. DOE NONREACTOR NUCLEAR FACILITY DOCUMENTED SAFETY ANALYSES;" DOE-STD-3009-94, CHANGE NOTICE NO. 3, 03/2006
5/1/2012	2012.0000377	HANFORD; 04/13/2012 DNFSB LETTER TO DAVID HUIZENGA, SENIOR ADVISOR FOR ENVIRONMENTAL MANAGEMENT, DOE, ISSUING A REPORTING REQUIREMENT FOR A REPORT WITHIN 120 DAYS OUTLINING ACTION DOE HAS TAKEN OR PLANS TO TAKE TO ADDRESS THE ISSUES RELATED TO THE DESIGN
5/9/2012	2012.0000406	HANFORD 04/17/2012 EMERGENCY RESPONSE PROCEDURE ERP-WESF-002, "NATURAL HAZARDS EMERGENCY;" REVISION 2, CHANGE 9; TRANSMITTAL DATED 04/24/2012
5/11/2012	2012.0000414	CHPRC HANFORD 04/11/2012 MEMO CHPRC-1201525, CIUCCI TO POPIELARCZYK, RE: NUCLEAR SAFETY AND PERFORMANCE EVALUATION BOARD EVALUATION REPORT OF THE SOIL & GROUNDWATER REMEDIATION PROJECT; SEE ATTACHMENT
5/1/2012	2012.0000378	SAVANNAH RIVER; DNFSB 04/13/2012 LETTER TO DAVID HUIZENGA, SENIOR ADVISOR FOR ENVIRONMENTAL MANAGEMENT, DOE, ENCLOSING 03/09/2012 STAFF ISSUE REPORT, "ACTIVITY-LEVEL WORK PLANNING AND CONTROL, SAVANNAH RIVER NUCLEAR SOLUTIONS;" BY Z. McCABE AND R. VERHAA
5/1/2012	2012.0000379	GENERAL; 08/01/1953 JOURNAL ARTICLE, "DEPOSITION OF AIRBORNE RADIOIODINE VAPOR;" A. C. CHAMBERLAIN AND R. C. CHADWICK; NUCLEONICS, VOLUME 11, NO. 8, 08/1953. ONE COPY IS IN THE DNFSB LIBRARY
5/1/2012	2012.0000375	GENERAL; 03/30/2006 JOURNAL ARTICLE, "NUMERICAL SIMULATION OF PARTICLE SEDIMENTATION IN SHEAR-THINNING FLUIDS WITH A FICTITIOUS DOMAIN METHOD;" Z. YU, A. WACHS, AND Y. PEYSSON. JOURNAL OF NON-NEWTONIAN FLUID MECHANICS, 136, (2006) 126-139. ONE COPY IS IN
5/1/2012	2012.0000380	GENERAL; 01/01/2001 JOURNAL ARTICLE, "A MODEL FOR SIMULATING ATMOSPHERIC DISPERSION IN LOW-WIND CONDITIONS;" S. OKAMOTO, H. OHNISHI, T. YAMADA, T. MIKAMI, S. MOMOSE, H. SHINJI, AND T. ITOHIYA; INTERNATIONAL JOURNAL ENVIRONMENT AND POLLUTION, VOLUME 16, NO

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5/2/2012	2012.0000385	GENERAL; 05/28/1993 JOURNAL ARTICLE, "SIMPLIFIED SCALING RELATIONSHIPS FOR FLUIDIZED BEDS;" L. R. GLICKSMAN, M. HYRE AND K. WOLOSHUN; POWDER TECHNOLOGY, 77 (1993) 177-199. ONE COPY IS IN THE DNFSB LIBRARY
5/2/2012	2012.0000381	GENERAL; 10/28/1957 PAPER, "A PRACTICAL METHOD FOR ESTIMATING THE DISPERSAL OF ATMOSPHERIC CONTAMINANTS; H. E. CRAMER; PROCEEDINGS OF THE FIRST NATIONAL CONFERENCE ON APPLIED METEOROLOGY, 10/28/1957 - 10/29/1957, HOTEL STATLER, HARTFORD, CONNECTICUT; AMER
5/2/2012	2012.0000382	GENERAL; 06/01/2001 JOURNAL ARTICLE, "CASE HISTORIES OF PUMP EXPLOSIONS WHILE RUNNING ISOLATED;" D. S. GILES AND P. N. LODAL; PROCESS SAFETY PROGRESS, VOLUME 20, NO. 2, 06/2001. ONE COPY IS IN THE DNFSB LIBRARY
5/3/2012	2012.0000386	GENERAL; 11/11/1987 JOURNAL ARTICLE, "SCALING RELATIONSHIPS FOR FLUIDIZED BEDS;" L. R. GLICKSMAN; CHEMICAL ENGINEERING SCIENCE, VOLUME 43, NO. 6 1419-1421, 1988. ONE COPY IS IN THE DNFSB LIBRARY
5/3/2012	2012.0000387	GENERAL; 08/01/1982 JOURNAL ARTICLE, "SCALING RELATIONSHIPS FOR FLUIDIZED BEDS;" LEON R. GLICKSMAN; CHEMICAL ENGINEERING SCIENCE, VOLUME 39, NO. 9, 1373-1379, 1984. ONE COPY IS IN THE DNFSB LIBRARY
5/4/2012	2012.0000383	GENERAL; 05/11/2004 JOURNAL ARTICLE, "A VERIFICATION OF GLICKSMAN'S REDUCED SCALING UNDER CONDITIONS ANALOGOUS TO PRESSURIZED CIRCULATING FLUIDIZATION;" V. BRICOUT AND M. Y. LOUGE. CHEMICAL ENGINEERING SCIENCE 59 (2004) 2633-2638.
5/4/2012	2012.0000389	STDS; 04/19/2009 SAE INTERNATIONAL GROUP AEROSPACE STANDARD SAE AS5553, "COUNTERFEIT ELECTRONIC PARTS; AVOIDANCE, DETECTION, MITIGATION, AND DISPOSITION, CONSTRUCTION AND MATERIALS"
5/4/2012	2012.0000388	GENERAL; 03/26/1971 JOURNAL ARTICLE, "MOMENTUM ABSORPTION BY VEGETATION;" A. S. THOM; QUARTERLY JOURNAL OF THE ROYAL METEOROLOGICAL SOCIETY (1971), 97, 414-428. ONE COPY IS IN THE DNFSB LIBRARY
5/4/2012	2012.0000391	GENERAL; 04/01/1987 JOURNAL ARTICLE, "NEW ANALYSIS OF NON-NEWTONIAN TURBULENT FLOW - YIELD-POWER-LAW FLUIDS;" A. D. THOMAS AND K. C. WILSON; THE CANADIAN JOURNAL OF CHEMICAL ENGINEERING, VOLUME 65, 04/1987. ONE COPY IS IN THE DNFSB LIBRARY
5/4/2012	2012.0000390	GENERAL; 06/01/1967 JOURNAL ARTICLE, "NON-NEWTONIAN FLOW THROUGH OPEN CHANNELS;" W. KOZICKI AND C. TIU; THE CANADIAN JOURNAL OF TECHNICAL ENGINEERING, VOLUME 445, 06/1967. ONE COPY IS IN THE DNFSB LIBRARY
5/7/2012	2012.0000393	GENERAL; 12/01/1963 JOURNAL ARTICLE, "NON-NEWTONIAN SUSPENSIONS;" DAVID G. THOMAS; INDUSTRIAL AND ENGINEERING CHEMISTRY, VOLUME 55, NO. 12, 12/1963. ONE COPY IS IN THE DNFSB LIBRARY
5/7/2012	2012.0000394	GENERAL; 08/01/1985 JOURNAL ARTICLE, "A NEW ANALYSIS OF THE TURBULENT FLOW OF NON-NEWTONIAN FLUIDS;" KENNETH C. WILSON AND ALLAN D. THOMAS; THE CANADIAN JOURNAL OF CHEMICAL ENGINEERING, VOLUME 63, 08/1985. ONE COPY IS IN THE DNFSB LIBRARY

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5/7/2012	2012.0000396	GENERAL; 01/01/2000 JOURNAL ARTICLE, "BOUNDARY LAYER DYNAMICS AND DRAG REDUCTION IN FLOWS OF HIGH COHESIVE SEDIMENT SUSPENSIONS;" M. Z. LI AND G. GUST. SEDIMENTOLOGY (2000) 47, 71-86. ONE COPY IS IN THE DNFSB LIBRARY
5/7/2012	2012.0000392	GENERAL; 12/01/1955 JOURNAL ARTICLE, "FLOW OF NON-NEWTONIAN FLUIDS - CORRELATION OF THE LAMINAR, TRANSITION, AND TURBULENT-FLOW REGIONS;" A. B. METZNER AND J. C. REED; AMERICAN INSTITUTE OF CHEMICAL ENGINEERS, VOLUME 1, ISSUE 4, (12/1955) 434-440. ONE COP
5/8/2012	2012.0000398	GENERAL; 01/01/2008 JOURNAL ARTICLE, "THE DYNAMICS OF TURBULENT, TRANSITIONAL AND LAMINAR CLAY-LADEN FLOW OVER A FIXED CURRENT RIPPLE;" JACO H. BAAS AND JAMES L. BEST; SEDIMENTOLOGY (2008) 55, 635-666. ONE COPY IS IN THE DNFSB LIBRARY
5/9/2012	2012.0000405	GENERAL; 05/20/1980 JOURNAL ARTICLE, "RESUSPENSION FACTORS AND PROBABILITIES OF INTAKE OF MATERIAL IN PROCESS OR "IS 10 -6 A MAGIC NUMBER IN HEALTH PHYSICS?" HEALTH PHYSICS, VOLUME 39, 12/1980, 992-1000. ONE COPY IS IN THE DNFSB LIBRARY
5/9/2012	2012.0000408	GENERAL; 08/05/1975 JOURNAL ARTICLE, "OBSERVATIONS ON TURBULENT-DRAG REDUCTION IN A DILUTE SUSPENSION OF CLAY IN SEA-WATER;" GISELHER GUST; JOURNAL OF FLUID MECHANICS (1976) VOLUME 75, PART 1, 29-47. COPY IS IN THE DNFSB LIBRARY
5/10/2012	2012.0000409	GENERAL; 02/09/1949 JOURNAL ARTICLE, "DETECTION OF A WALL EFFECT IN LAMINAR FLOW OF SOLUTIONS OF A LINEAR POLYMER;" B. A. TOMS; JOURNAL OF COLLOID SCIENCE, (4) 1949 511-521. ONE COPY IS IN THE DNFSB LIBRARY
5/10/2012	2012.0000411	GENERAL; 10/01/2006 JOURNAL ARTICLE, "ANALYTIC MODEL OF LAMINAR-TURBULENT TRANSITION FOR BINGHAM PLASTICS;" K. C. WILSON AND A.D. THOMAS; THE CANADIAN JOURNAL OF CHEMICAL ENGINEERING, VOLUME 84, 10/2006; ONE COPY IS IN THE DNFSB LIBRARY
5/10/2012	2012.0000410	GENERAL; 03/17/2010 JOURNAL ARTICLE, "THE DEVELOPMENT OF CAVERN MODEL FOR MECHANICAL FLOTATION CELLS;" C. W. BAKKER, C. J. MEYER, AND D. A. DEGLON; MINERALS ENGINEERING 23 (2010) 968-972. ONE COPY IS IN THE DNFSB LIBRARY
5/14/2012	2012.0000418	GENERAL; 09/11/1999 JOURNAL ARTICLE, "A REVIEW OF ATMOSPHERIC AEROSOL MEASUREMENTS;" PETER H. McMURRY; ATMOSPHERIC ENVIRONMENT 34 (2000) 1959-1999. ONE COPY IS IN THE DNFSB LIBRARY
5/14/2012	2012.0000417	GENERAL; 10/01/1960 JOURNAL ARTICLE, "POTENTIAL EVAPOTRANSPIRATION ESTIMATES BY THE APPROXIMATE ENERGY BALANCE METHOD OF PENMAN;" C. B. TANNER AND W. L. PELTON; JOURNAL OF GEOPHYSICAL RESEARCH, VOLUME 65, NO. 10, 10/1960. ONE COPY IS IN THE DNFSB LIBRARY
5/14/2012	2012.0000419	GENERAL; 03/01/2010 BOOK, "PRINCIPLES OF FOUNDATION ENGINEERING;" BRAJA DAS; SEVENTH EDITION; ISBN: 978-0-495-66810-7. ONE COPY IS IN THE DNFSB LIBRARY
5/14/2012	2012.0000420	GENERAL; 03/28/2007 JOURNAL ARTICLE, "EXPERIMENTAL STUDY OF TURBULENCE-INDUCED COALESCENCE IN AEROSOLS;" P. DURU, D. L. KOCH AND C. COHEN; INTERNATIONAL JOURNAL OF MULTIPHASE FLOW 33 (2007) 987-1005. ONE COPY IS IN THE DNFSB LIBRARY

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5/14/2012	2012.0000421	GENERAL; 05/14/1985 JOURNAL ARTICLE, "EMPIRICAL EQUATIONS FOR THE PERFORATION OF MILD STEEL PLATES;" A. J. NELSON; INTERNATIONAL JOURNAL OF IMPACT ENGINEERING, VOLUME 3, NO. 2, 137-142, 1985. ONE COPY IS IN THE DNFSB LIBRARY
5/14/2012	2012.0000416	GENERAL; 09/15/1972 JOURNAL ARTICLE, "PARTICLE EDDY DIFFUSIVITIES AND DEPOSITION VELOCITIES FOR ISOTHERMAL FLOW AND SMOOTH SURFACES;" G. A. SEHMEL; AEROSOL SCIENCE, 1973, VOLUME 4, 125-138. PERGAMON PRESS. ONE COPY IS IN THE DNFSB LIBRARY
5/15/2012	2012.0000424	GENERAL; 05/16/2003 JOURNAL ARTICLE, "ON THE BULK RICHARDSON NUMBER AND FLUX-PROFILE RELATIONS IN AN ATMOSPHERIC SURFACE LAYER UNDER WEAK WIND STABLE CONDITIONS;" M. SHARAN, T.V.B.P.S. RAMA KRISHNA, ADITI; ATMOSPHERIC ENVIRONMENT 37 (2003) 3681-3691. DOI:
5/15/2012	2012.0000426	GENERAL; 05/17/2005 JOURNAL ARTICLE, "RELATIONS AMONG STABILITY PARAMETERS IN THE STABLE SURFACE LAYER: GOLDR CURVES REVISITED;" M. SHARAN, T.V.B.P.S. RAMA KRISHNA, AND J. PANDA; ATMOSPHERIC ENVIRONMENT 39 (2005) 5619-5623. ONE COPY IS IN THE DNFSB LIBRARY
5/15/2012	2012.0000427	GENERAL; 08/01/1985 JOURNAL ARTICLE, "A NEW ANALYSIS OF THE TURBULENT FLOW OF NON-NEWTONIAN FLUIDS;" KENNETH C. WILSON; THE CANADIAN JOURNAL OF CHEMICAL ENGINEERING, VOLUME 63, 08/1985. ONE COPY IS IN THE DNFSB LIBRARY
5/15/2012	2012.0000425	GENERAL; 02/05/1992 JOURNAL ARTICLE, "ON THE THEORETICAL RELATIONSHIP BETWEEN THE MONIN-OBUKHOV STABILITY PARAMETER AND THE BULK RICHARDSON NUMBER." N. M. ZOUMAKIS AND A. G. KELESSIS; NUOVO CIMENTO, VOLUME 16 C. N. 1, 02/1993. ONE COPY IS IN THE DNFSB LIBRARY
5/15/2012	2012.0000428	GENERAL; 10/16/2007 JOURNAL ARTICLE, "ANALYSIS OF VORTEX CORE IN STEADY TURBULENT FLOW;" EDUARD AMROMIN; PHYSICS OF FLUIDS, 19, 118108, (2007). ONE COPY IS IN THE DNFSB LIBRARY