

Defense Nuclear Facilities Safety Board

Correspondence Log Report

05/16/2012 - 05/31/2012

Date Created	Control Number	Subject
5/22/2012	2012.0000451	GENERAL; 05/01/2012 BRIEFING PRESENTATION, "DNFSB - UPDATE;" DANIEL B. BULLEN, GROUP LEAD (ACTING), NUCLEAR PROGRAMS AND ANALYSIS; EFCOG (ENERGY FACILITIES CONTRACTORS GROUP) ISM (INTEGRATED SAFETY MANAGEMENT) & QA (QUALITY ASSURANCE) WORKING GROUP JO
5/23/2012	2012.0000458	RECOMEND; DOE 04/30/2012 LETTER 12-WTP-0161, TRANSMITTING IMPLEMENTATION PLAN (IP) DELIVERABLE 5.1.3.14 FOR BOARD RECOMMENDATION 2010-2. SEE ATTACHMENTS
5/23/2012	2012.0000462	RECOMEND; DOE RICHLAND 04/30/2012 LETTER 12-WTP-0155, TRANSMITTING THE IMPLEMENTATION PLAN (IP) DELIVERABLE 5.2.3.1 FOR BOARD RECOMMENDATION 2010-2. SEE ATTACHMENTS
5/23/2012	2012.0000457	RECOMEND; 04/30/2012 DOE LETTER RESPONDING TO 01/19/2012 BOARD LETTER, (SEE 2012.0015) AND INFORMING THE BOARD THAT IMPLEMENTATION PLAN (IP) COMMITMENT 5.3.3.1, UPDATED "ASSESSMENT OF USE OF NEWTONIAN ANALYSIS TECHNIQUES TO ASSESS NON-NEWTONIAN VESSEL PER
5/23/2012	2012.0000461	RECOMEND; DOE RICHLAND 04/30/2012 LETTER 12-WTP-0160, TRANSMITTING THE QUARTERLY PROGRESS REPORT FOR 01/01/2012 THROUGH 03/31/2012 FOR THE IMPLEMENTATION PLAN (IP) FOR BOARD RECOMMENDATION 2010-2. THIS MEETS COMMITMENT 6.3.1 OF THE IMPLEMENTATION PLAN; SE
5/24/2012	2012.0000465	RECOMEND; DOE 05/01/2012 LETTER INFORMING THE BOARD THAT IT HAS COMPLETED THE FIRST DELIVERABLE ASSOCIATED WITH ACTION 1-8 OF THE IMPLEMENTATION PLAN (IP) FOR DNFSB RECOMMENDATION 2011-1, A LETTER TRANSMITTING THE DOE OFFICE OF RIVER PROTECTION (ORP) ACTI
5/30/2012	2012.0000477	RECOMEND; DNFSB 05/09/2012 LETTER TO STEVEN CHU, SOE/DOE, RE: BOARD ISSUES RECOMMENDATION 2012-1 TO THE SECRETARY OF ENERGY, "SAVANNAH RIVER SITE BUILDING 235-F SAFETY"
5/31/2012	2012.0000481	GENERAL; DNFSB 05/10/2012 LETTER TO SENATOR BEN NELSON, CHAIRMAN, SUBCOMMITTEE ON STRATEGIC FORCES, COMMITTEE ON ARMED SERVICES, UNITED STATES SENATE, RE: BOARD COMMENTS ON LEGISLATION PROPOSED BY THE HOUSE ARMED SERVICES COMMITTEE IN THE NATIONAL DEFENSE
5/23/2012	2012.0000460	DOE OAK RIDGE 04/27/2012 MEMO, CANGE TO MOURY, RE: FISCAL YEAR 2012 SECOND QUARTER SUBMITTAL OF STARTUP NOTIFICATION REPORT (SNR) FOR NUCLEAR FACILITIES FOR OAK RIDGE OFFICE OF ENVIRONMENTAL MANAGEMENT ACTIVITIES
5/24/2012	2012.0000466	OAK RIDGE; DOE 05/02/2012 LETTER RESPONDING TO BOARD 04/02/2012 LETTER WHICH ISSUED A REPORTING REQUIREMENT FOR A REPORT AND BRIEFING WITHIN 30 DAYS (SEE 2012.0302) DESCRIBING NNSAGÇÖS APPROACH FOR DEMONSTRATION OF THE ADEQUATE INTEGRATION OF SAFETY IN TH

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5/29/2012	2012.0000474	DOE OAK RIDGE 05/04/2012 LETTER, MULLIS TO SAIN, RE: APPROVAL OF URS/CH2M OAK RIDGE LLC SECOND QUARTER 2012 SUMMARY STARTUP NOTIFICATION REPORT FOR NUCLEAR FACILITIES, REVISION 1; SEE ATTACHMENTS
5/17/2012	2012.0000438	CHPRC HANFORD 02/02/2012 DOE BRIEFING PRESENTATION TO DNFSB, "WASTE ENCAPSULATION AND STORAGE FACILITY (WESF) MAINTENANCE PROGRAM;" PRESENTED TO BOARD 02/02/2012
5/22/2012	2012.0000456	CHPRC HANFORD 03/27/2012 CHARTER PRC-CHRT-MS-40453, "NUCLEAR SAFETY AND PERFORMANCE EVALUATION BOARD;" REVISION 0, CHANGE 0; HANFORD RESPONSE TO INFORMATION REQUEST 12-38, ITEM 1 CHPRC NUCLEAR SAFETY AND PERFORMANCE EVALUATION BOARD; TRANSMITTAL DATED 05/
5/24/2012	2012.0000463	CHPRC HANFORD 04/19/2012 "SUPPORTING CALCULATIONS AND ASSUMPTIONS FOR USE IN WESF (WASTE ENCAPSULATION AND STORAGE FACILITY) SAFETY ANALYSIS;" HNF-SD-WM-TI-733, REVISION 2F; AND HANFORD 03/27/2012 "BASIS FOR THE LOCATION AND SETPOINT OF THE ARE RADIATION
5/24/2012	2012.0000464	CHPRC HANFORD 04/16/2012 EMERGENCY PREPAREDNESS POST DRILL EVALUATION, DRILL TITLE: "SEISMIC EVENT AND POOL CELL WATER LOSS;" DATED 03/29/2012; WASTE ENCAPSULATION AND STORAGE FACILITY (WESF) EMERGENCY PREPAREDNESS EVENT SCENE LIMITED DRILL WESF-EPDT-0117
5/25/2012	2012.0000459	HANFORD 04/19/2012 SCHEDULE, "MOD 126: IMPLEMENTATION SCHEDULE FOR HEDP, (HANFORD EXTERNAL DOSIMETRY PROGRAM), HIDP (HANFORD INTERNAL DOSIMETRY PROGRAM) AND HRRP (HD RADIATION RECORDS PROGRAM) COMPONENTS OF RSS (RADIOLOGICAL SURVEILLANCE SYSTEM);" HANFOR
5/29/2012	2012.0000472	HANFORD 05/02/2012 "2020 VISION ONE SYSTEM IPT (INTEGRATED PROJECT TEAM) CHARTER;" RPP-51471, REVISION 2, 24590-WTP-CH-MGT-11-008, REVISION 2; TRANSMITTAL DATED 04/08/2012
5/30/2012	2012.0000475	HANFORD 03/05/2012 DOCUMENTS RESPONDING TO INFORMATION REQUEST 12-30 - PLUTONIUM FINISHING PLANT - WORK PLANNING AND CONTROL, AND CONDUCT OF OPERATIONS, CONDITION REPORTS CR-2012-0558 THROUGH CR-2012-0572; SEE ATTACHMENTS; TRANSMITTAL DATED 05/02/2012
5/30/2012	2012.0000476	HANFORD 05/03/2012 WASTE ENCAPSULATION AND STORAGE FACILITY EMERGENCY PREPAREDNESS DRILL WESF-EPDE-041812, "BEYOND DESIGN BASIS SEISMIC EVENT AND POOL CELL WATER LOSS;" DRILL DATE 04/18/2012; SEE ATTACHMENTS; TRANSMITTAL DATED 05/10/2012
5/30/2012	2012.0000479	HANFORD 05/09/2012 "RADIOLOGICAL SERVICES (RSS) TRANSITION / IMPLEMENTATION PNNL-SA WEEKLY STATUS SUMMARY: 05/03/2012;" RESPONSE TO INFORMATION REQUEST 12-24, ITEM 2 MSA-PNNL RSS TRANSITION MEETING 05/03/2012; TRANSMITTAL DATED 05/10/2012
5/31/2012	2012.0000480	WASHINGTON CLOSURE HANFORD UNDATED "DOE O 420.1B REQUIREMENTS AND APPLICABILITY TO VPU (VERTICAL PIPE UNITS) REMEDIATION;" FOLLOW UP TO REQUEST 11-68, ITS ADDENDUM, AND 12-09; ENTERED 05/31/2012; TRANSMITTAL DATED 05/11/2012
5/31/2012	2012.0000482	GENERAL; 05/10/2012 CHEMICAL SAFETY BOARD LETTER INVITING CHAIRMAN OR VICE CHAIRMAN TO MAKE A PRESENTATION AT CHEMICAL SAFETY AND HAZARD INVESTIGATION BOARD HEARING ON MEASURING SAFETY PERFORMANCE IN HIGH HAZARD INDUSTRIES, 07/23/212 - 07/24/2012 AT THE

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5/16/2012	2012.0000430	GENERAL; 01/01/1995 PAPER, "NEAR-FIELD CONSIDERATIONS IN SPECIFICATION OF SEISMIC DESIGN MOTIONS FOR STRUCTURES;" WILFRED D. IWAN; PROCEEDINGS - 10TH EUROPEAN CONFERENCE ON EARTHQUAKE ENGINEERING, 08/28/1994 - 09/02/1994, VIENNA, AUSTRIA; GERALD DUMA - ED
5/16/2012	2012.0000433	STDS; INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC., 05/31/2002 IEEE STANDARD 1187-2002, "IEEE RECOMMENDED PRACTICE FOR INSTALLATION OF VALVE-REGULATED LEAD-ACID STORAGE BATTERIES FOR STATIONARY APPLICATION;" APPROVED 03/21/2002
5/16/2012	2012.0000435	GENERAL; 01/19/1999 JOURNAL ARTICLE, "HYDROGEN PEROXIDE PRODUCTION IN THE RADIOLYSIS OF WATER WITH HEAVY IONS;" BARBARA PASTINA AND JAY A. LAVERNE; JOURNAL OF PHYSICAL CHEMISTRY A, VOLUME 103, NO. 11, 1999, 1592-1597. ONE COPY IS IN THE DNFSB LIBRARY
5/16/2012	2012.0000431	GENERAL; 01/01/1981 BOOK, "AN INTRODUCTION TO GEOTECHNICAL ENGINEERING;" ROBERT D. HOLTZ AND WILLIAM D. KOVACS; PRENTICE-HALL, INC., 1981. ISBN 0-13-484394-0
5/16/2012	2012.0000432	GENERAL; 01/26/2005 JOURNAL ARTICLE, "SPHERICAL PARTICLE MOVEMENT IN DILUTE PNEUMATIC CONVEYING;" A. D. SALMAN, D. A. GORHAM, M. SZABO, AND M. J. HOUNSLOW; POWDER TECHNOLOGY, 153 (2005) 43-50. ONE COPY IS IN THE DNFSB LIBRARY
5/16/2012	2012.0000434	GENERAL; 01/01/2011 JOURNAL ARTICLE, "A DNF (DIRECT NUMERICAL SIMULATION) OF THE EFFECT OF YIELD STRESS FOR TURBULENT NON-NEWTONIAN SUSPENSION FLOW IN OPEN CHANNELS;" R. GUANG, M. RUDMAN, A. CHRYS, P. SLATTER AND S. BHATTACHARYA; PARTICLE SCIENCE AND TEC
5/17/2012	2012.0000439	GENERAL; 08/07/2002 JOURNAL ARTICLE, "EFFECT OF MOLECULAR HYDROGEN ON HYDROGEN PEROXIDE IN WATER RADIOLYSIS;" B. PASTINA AND JAY. A. LAVERNE; JOURNAL OF PHYSICAL CHEMISTRY A, VOLUME 105, NO. 40, 2001, 9316-9322; 10.1021/JP012245J; ONE COPY IS IN THE DNFSB
5/17/2012	2012.0000441	GENERAL; 01/01/2009 PAPER, "SUBMERGED JET MIXING OF NON-NEWTONIAN FLUIDS IN A WASTE TANK." MUNROE, N., PHILIPPIDIS, G., HAIDER, W. ET AL.; PROCEEDINGS OF THE ASME (AMERICAN SOCIETY OF MECHANICAL ENGINEERS) 2009 INTERNATIONAL MECHANICAL ENGINEERING CONGRE
5/17/2012	2012.0000440	GENERAL; 11/26/2008 JOURNAL ARTICLE, "MOTION AND SHAPE OF BUBBLES RISING THROUGH A YIELD-STRESS FLUID;" D. SIKORSKI, H. TABUTEAU, AND J. R. DE BRUYN; JOURNAL OF NON-NEWTONIAN FLUID MECHANICS, 159 (2009) 10-16. DOI: 10.1016/J.JNNFM.2008.11.011. ONE COPY IS
5/17/2012	2012.0000437	GENERAL; 09/27/2000 JOURNAL ARTICLE, "NEW MECHANISM FOR H2 FORMATION IN WATER;" JAY. A. LAVERNE AND S. M. PIMBLOTT; JOURNAL OF PHYSICAL CHEMISTRY A, VOLUME 104, NO. 44, 2000, 9820-9822; 10.1021/JP002893N; ONE COPY IS IN THE DNFSB LIBRARY
5/17/2012	2012.0000436	GENERAL; 05/26/1999 JOURNAL ARTICLE, "DEPENDENCE OF MOLECULAR HYDROGEN FORMATION IN WATER ON SCAVENGERS OF THE PRECURSOR TO THE HYDRATED ELECTRON;" BARBARA PASTINA, JAY. A. LAVERNE AND S. M. PIMBLOTT; JOURNAL OF PHYSICAL CHEMISTRY A, VOLUME 103, NO. 29, 1
5/17/2012	2012.0000442	GENERAL; 01/01/2005 JOURNAL ARTICLE, "DISPERSION MODELING OF RADIOACTIVE POLLUTANTS: APPLICATION OF THE GÇYDEMOKRITOSGÇÖ TRANSPORT CODE SYSTEM FOR COMPLEX TERRAIN (DETRACT) TO THE HANFORD PUREX SCENARIO;" S. ANDRONOPOULOS, E. DAVAKIS, N. GOUNARIS, J. G. B

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5/17/2012	2012.0000443	GENERAL; 01/19/1999 JOURNAL ARTICLE, "HYDROGEN PEROXIDE PRODUCTION IN THE RADIOLYSIS OF WATER WITH HEAVY IONS;" B. PASTINA AND JAY. A. LAVERNE; JOURNAL OF PHYSICAL CHEMISTRY A, 1999, VOLUME 103, 1592-1597; 10.1021/JP984433O; ONE COPY IS IN THE DNFSB LIBRA
5/21/2012	2012.0000449	STDS; 01/01/2011 AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM) "STANDARD GUIDE FOR EMERGENCY OPERATIONS CENTER (EOC) DEVELOPMENT;" DESIGNATION: E2668-10; ONE COPY IS IN THE DNFSB LIBRARY
5/21/2012	2012.0000446	STDS; 01/01/2011 CD-ROM, AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM) STANDARDS, VOLUME 03.02, CORROSION OF METALS; WEAR AND EROSION - SECTION THREE - METALS TEST METHODS AND ANALYTICAL PROCEDURES; CD ISBN: 978-0-8031-8468-8, NO. CD030211; ONE COPY I
5/21/2012	2012.0000450	GENERAL; 01/01/1996 REPORT, "CLIMATOGRAPHY OF THE NATIONAL REACTOR TESTING STATION;" ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION, IDAHO OPERATIONS OFFICE; IDO-12048; TRANSMITTAL DATED 05/01/2012
5/22/2012	2012.0000453	GENERAL; 01/01/2007 CONFERENCE PAPER, "ASSESSING THE EROSION CORROSION PROPERTIES OF MATERIALS FOR SLURRY TRANSPORTATION AND PROCESSING IN THE OIL SANDS INDUSTRY;" PAPER NO. 07685, NACE INTERNATIONAL CORROSION 2007 CONFERENCE AND EXPO, 03/11/2007 - 03/15/
5/22/2012	2012.0000454	GENERAL; 03/26/2000 JOURNAL ARTICLE, "HAZARD-CONSISTENT EARTHQUAKE SCENARIOS;" J. J. BOMMER, S. G. SCOTT, AND S. K. SARMA. SOIL DYNAMICS AND EARTHQUAKE ENGINEERING 19 (2000) 219-231. ONE COPY IS IN THE DNFSB LIBRARY
5/22/2012	2012.0000455	GENERAL; 08/01/1971 JOURNAL ARTICLE, "PRINCIPAL PLUME DISPERSION MODELS: TVA POWER PLANTS;" S. B. CARPENTER, T. L. MONTGOMERY, J. M. LEAVITT, W. C. COLBAUGH, AND F. W. THOMAS; JOURNAL OF THE AIR POLLUTION CONTROL ASSOCIATION, VOLUME 21, NO. 8, 08/1971, 49
5/22/2012	2012.0000452	GENERAL; 01/01/2001 JOURNAL ARTICLE, "ASSESSMENT OF THE EROSION RESISTANCE OF STEELS USED FOR SLURRY HANDLING AND TRANSPORT IN MINERAL PROCESSING APPLICATIONS;" H. McI. CLARK AND R. J. LLEWELLYN; WEAR 250 (2001) 32-44. ONE COPY IS IN THE DNFSB LIBRARY
5/25/2012	2012.0000471	GENERAL; 09/01/1968 OAK RIDGE NATIONAL LABORATORY REPORT ORNL-NSIC-22, "MISSILE GENERATION AND PROTECTION IN LIGHT-WATER-COOLED POWER REACTOR PLANTS;" RICHARD C. GWALTNEY; NATIONAL TECHNICAL INFORMATION SERVICE (NTIS), NUCLEAR SAFETY INFORMATION CENTER
5/25/2012	2012.0000470	GENERAL; 09/27/1965 JOURNAL ARTICLE, "ATMOSPHERIC DISPERSION AT BROOKHAVEN NATIONAL LABORATORY;" I. A. SINGER AND M. E. SMITH; AIR AND WATER POLLUTION INTERNATIONAL JOURNAL, PERGAMON PRESS 1966, VOLUME 10, 125-135. ONE COPY IS IN THE DNFSB LIBRARY