



Nuclear Archival Electronic Database

December 2021

Changing the World's Energy Future

Matthew Kennedy, Robert Henry, PhD



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December 2021

**Idaho National Laboratory
Idaho Falls, Idaho 83415**

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High-level Phenomena	Experiment Description	Coolant Type
Nuclear Reactor Events & Accidents	Three Mile Island Unit 2	Light Water
Nuclear Reactor Events & Accidents	Chernobyl Unit 4	Light Water
Nuclear Reactor Events & Accidents	Fukushima Units 1, 2, and 3	Light Water
Nuclear Reactor Events & Accidents	SL-1	Light Water
Nuclear Reactor Events & Accidents	SL-1	Light Water
Nuclear Reactor Events & Accidents	SL-1	Light Water
Nuclear Reactor Events & Accidents	Fermi Unit 1	Sodium
Nuclear Reactor Events & Accidents	Fermi Unit 1	Sodium
Nuclear Reactor Events & Accidents	Fermi Unit 1	Sodium
Nuclear Reactor Events & Accidents	Fermi Unit 1	Sodium
Nuclear Reactor Events & Accidents	Lucens	Carbon Dioxide
Nuclear Reactor Events & Accidents	Windscale	Air
Nuclear Reactor Events & Accidents	Santa Susana Sodium Reactor	Sodium
Nuclear Reactor Events & Accidents	NRX	Light Water
Nuclear Reactor Events & Accidents	LaSalle Unit 2 Dual Recirculation Pump Trip 3/9/88	Light Water
Nuclear Reactor Events & Accidents	Diablo Canyon Unit 2 Mid-Loop Event 4/10/87	Light Water
Nuclear Reactor Events & Accidents	Laguna Verde Power Oscillation Trip 1/24/95	Light Water
Nuclear Reactor Events & Accidents	Ringhals 1 Core Stability Benchmarks	Light Water
Integral Experiments	LOFT	Light Water
Integral Experiments	LOFT	Light Water
Integral Experiments	LOFT	Light Water
Integral Experiments	Peach Bottom Turbine Trip, Delayed Scram Transient Test	Light Water
Integral Experiments	Peach Bottom Turbine Trip, Delayed Scram Transient Test	Light Water
Integral Experiments	Phebus Experiments	Light Water
Integral Experiments	Phebus Experiments	Light Water
Integral Experiments	Phebus Experiments	Light Water
Integral Experiments	ANL - EBR-II Loss of Flow at Power Experiments	Sodium
Integral Experiments	SFD Severe Fuel Damage Experiments in the PBF (Power Burst Facility)	Light Water
Integral Experiments	SFD Severe Fuel Damage Experiments in the PBF (Power Burst Facility)	Light Water
Integral Experiments		
Integral Experiments	FLHT (Full Length Heat Transfer Experiments)	Heavy Water
Integral Experiments	FLHT (Full Length Heat Transfer Experiments)	Heavy Water
Integral Experiments	OSU AP600 Experiments	Light Water
Integral Experiments	OSU AP1000 Experiments	Light Water

High-level Phenomena	Experiment Description	Coolant Type
Integral Experiments	OSU AP1000 Experiments	Light Water
Integral Experiments	LOFT Semiscale Tests	Light Water
Integral Experiments	LOFT Semiscale Tests	Light Water
Integral Experiments	BWR Full Integral Simulation Tests	Light Water
Integral Experiments	BWR Full Integral Simulation Tests	Light Water
Integral Experiments	BWR Full Integral Simulation Tests	Light Water
Integral Experiments	ROSA-LSTF Experiments	Light Water
Integral Experiments	Seimans 4 Loop PWR PKL Test Facility	Light Water
Integral Experiments	Hitachi BWR Two-Bundle Loop Experiments	Light Water
Integral Experiments	Hitachi BWR Two-Bundle Loop Experiments	Light Water
Integral Experiments	Hitachi BWR Two-Bundle Loop Experiments	Light Water
Integral Experiments	CEA 3 Loop PWR BETHSY Test Facility	Light Water
Integral Experiments	FLECHT/SEASET Experiments	Light Water
Integral Experiments	FLECHT/SEASET Experiments	Light Water
Integral Experiments	ISPRA LOBI Experiments	Light Water
Integral Experiments	ANL - TREAT "R" Series 7 Pin Sodium Voiding Data	Sodium
Integral Experiments	ANL - TREAT fuel behavior experiments	Sodium
Integral Experiments	ANL - Out-of-Reactor OPERA 7 PIN Sodium Voiding DATA	Sodium
Integral Experiments	Marviken Suppression Pool Experiments	Light Water
Integral Experiments	HDR RCS Blowdown Experiments	Light Water
Integral Experiments	SNL IET Direct Containment Heating Experiments in the Surry Facility	Light Water
Integral Experiments	ANL IET Direct Containment Heating Experiments	Light Water
Integral Experiments	ANL IET Direct Containment Heating Experiments	Light Water
Separate Effects Core Experiments	Godiva Experiment	Coolant Independent
Separate Effects Core Experiments	SNL ACPR Prompt Burst Excursion Experiments	Sodium w/ carbide fuel
Separate Effects Core Experiments	SNL ACPR Prompt Burst Excursion Experiments	Sodium w/ carbide fuel
Separate Effects Core Experiments	SEFOR Experiments	Sodium
Separate Effects Core Experiments	SEFOR Experiments	Sodium
Separate Effects Core Experiments	SEFOR Experiments	Sodium
Separate Effects Core Experiments	SEFOR Experiments	Sodium
Separate Effects Core Experiments	SEFOR Experiments	Sodium
Separate Effects Core Experiments	SEFOR Experiments	Sodium
Separate Effects Core Experiments	CORA Core Damage Experiments - BWR	Light Water
Separate Effects Core Experiments	CORA Core Damage Experiments - PWR	Light Water
Separate Effects Core Experiments	FZK QUENCH Experiments	Light Water

High-level Phenomena	Experiment Description	Coolant Type
Separate Effects Core Experiments	FZK QUENCH Experiments	Light Water
Separate Effects Core Experiments	FZK QUENCH Experiments	Light Water
Separate Effects Core Experiments	SNL XR2-1 BWR Metallic Melt Relocation Experiments	Light Water
Separate Effects Core Experiments	Columbia University Downflow Experiments	Light Water
Separate Effects Core Experiments	Columbia University Downflow Experiments	Light Water
Separate Effects Core Experiments	Axial Xenon Transient Tests in Ginna	Light water
Separate Effects Core Experiments	Measured Characteristics of Xenon-Induced Spatial Oscillations in H.B. Robinson Unit 2	Light Water
Separate Effects Core Experiments	Active Direct Measurement of Residual Fissile Content in Spent Fuel Assebmlies (EPRI)	Light Water
Separate Effects Core Experiments	Active Direct Measurement of Residual Fissile Content in Spent Fuel Assebmlies (EPRI)	Light Water
Separate Effects Core Experiments	Nuclear Fuel Behavior during Reactivity Initiated Accidents (NEA/CSNI)	Light Water
Separate Effects Core Experiments	International Handbook of Evaluated Criticality Safety Benchmark Experiments (NEA/CSNI)	Coolant Independent
Separate Effects Core Experiments	Evaulation of Mass Spectrometric and Radiochemical Analyses of Yankee Core I Spent Fuel, In	Light Water
Separate Effects Core Experiments	ANL Whole Pin Furnace (WPF) Tests	Sodium
Separate Effects RCS Experiments	EPRI - Westinghouse SF6 Experiments on PWR Natural Circulation	Light Water
Separate Effects RCS Experiments	IIST PWR Natural Circulation Experiments	Light Water
Separate Effects RCS Experiments	UPTF 2D-3D Experiments for a PWR Upper Plenum	Light Water
Separate Effects Containment Experiments	SNL Containment Experiments	Light Water
Separate Effects Containment Experiments	CVTR - Carolina-Virginia Tubular Reactor	Heavy Water
Separate Effects Containment Experiments	BMC - Battelle Model Containment Experiments	Light Water
Separate Effects Containment Experiments	CSTF - Containment System Test Facility Experiments	Light Water
Separate Effects Containment Experiments	PSI ETH - PANDA Experiments on BWR Passive Heat Removal	Light Water
Separate Effects Containment Experiments	ANL MACE (MCCI) Experiments	Light Water
Separate Effects Containment Experiments	ANL MACE (MCCI) Experiments	Light Water
Separate Effects Containment Experiments	KfK BETA (MCCI) Experiments	Light Water
Separate Effects Containment Experiments	SNL 1/6 Scale Containment Ultimate Pressure Experiment	Light Water
Separate Effects Containment Experiments	Westinghouse Ice Condenser Experiments	Light Water
Separate Effects Containment Experiments	Westinghouse AP600 PCCS Experiments	Light Water
Separate Effects Containment Experiments	NUPEC 1/4 Scale of a 4 Loop PWER Containment	Light Water
Separate Effects Containment Experiments	University of Wisconsin AP600 Experiments	Light Water
Separate Effects Containment Experiments	JAERI Containment Spray Tests	Light Water
Separate Effects Containment Experiments	NUPEC Large Scale Tests	Light Water
Separate Effects Fission Product Experiments	ORNL Fission Product Release Experiments	Light Water
Separate Effects Fission Product Experiments	ORNL Fission Product Release Experiments	Light Water
Separate Effects Fission Product Experiments	CSE Fission Product Deposition by Sedimentation and Spray Experiments	Light Water

High-level Phenomena	Experiment Description	Coolant Type
Separate Effects Fission Product Experiments	ABCOVE Aerosol Desposition Experiments	Light Water
Separate Effects Fission Product Experiments	ABCOVE Aerosol Desposition Experiments	Light Water
Separate Effects Fission Product Experiments	ACE & LACE Experiments	Light Water
Separate Effects Fission Product Experiments	ACE & LACE Experiments	Light Water
Separate Effects Fission Product Experiments	ACE & LACE Experiments	Light Water
Separate Effects Fission Product Experiments	Marviken Fission Product Release and Deposition Experiments	Light Water
Separate Effects Fission Product Experiments	ANL Experiments on Fission Product Revaporization	Light Water
Separate Effects Fission Product Experiments	JAERI WIND Experiments on Fission Product Deposition, Revaporation and Resuspension	Light Water
Separate Effects Fission Product Experiments	JAERI WIND Experiments on Fission Product Deposition, Revaporation and Resuspension	Light Water
Separate Effects Fission Product Experiments	JAERI WIND Experiments on Fission Product Deposition, Revaporation and Resuspension	Light Water
Separate Effects Fission Product Experiments	ORNL Experiments on the Transport of Fission Products in Pressure Suppression Pools	Light Water
Separate Effects Fission Product Experiments	Radiolodine Test Facility	Coolant Independent
Separate Effects Fission Product Experiments	Iodine Chemistry and Behavior Research	Coolant Independent
Separate Effects Fission Product Experiments	AECL Whiteshell Iodine Chemistry and Behavior Research	Coolant Independent
Separate Effects Fission Product Experiments	AECL Whiteshell Iodine Chemistry and Behavior Research	Coolant Independent
Separate Effects Fission Product Experiments	AECL Whiteshell Iodine Chemistry and Behavior Research	Coolant Independent
Separate Effects Fission Product Experiments	AECL Whiteshell Iodine Chemistry and Behavior Research	Coolant Independent
Separate Effects Fission Product Experiments	AECL Whiteshell Iodine Chemistry and Behavior Research	Coolant Independent
Separate Effects Fission Product Experiments	AECL Whiteshell Iodine Chemistry and Behavior Research	Coolant Independent
Separate Effects Fission Product Experiments	AECL Whiteshell Iodine Chemistry and Behavior Research	Coolant Independent
Separate Effects Fission Product Experiments	AECL Whiteshell Iodine Chemistry and Behavior Research	Coolant Independent
Separate Effects Fission Product Experiments	AECL Whiteshell Iodine Chemistry and Behavior Research	Coolant Independent
Two-Phase Critical Flow	Marviken Critical Flow Tests	Light Water
Two-Phase Critical Flow	Marviken Critical Flow Tests	Light Water
Two-Phase Critical Flow	GE Blowdown Tests	Light Water
Two-Phase Jet Impingement	Marviken Large Scale Impingement Tests	Light Water
Metallic Oxidation Kinetics	Baker-Just Zirconium Oxidation in steam	Light Water
Metallic Oxidation Kinetics	Urbanik-Heidrick Zircaloy02 and Zircaloy-4 Oxidation in steam	Light Water
Metallic Oxidation Kinetics	Baker-Limatainen Aluminum Oxidation in steam	Light Water
Hydrogen Deflagration Experiments	EPRI NTS Experiments with a 70 m3 large vessel	Light Water
Hydrogen Deflagration Experiments	EPRI NTS Experiments with a 70 m3 large vessel	Light Water
Hydrogen Deflagration Experiments	SNL Experiments	Coolant Independent
Hydrogen Deflagration Experiments	SNL Inerting Experiments	Coolant Independent

High-level Phenomena	Experiment Description	Coolant Type
Hydrogen Deflagration Experiments	VGEX Experiments	Coolant Independent
Hydrogen Deflagration Experiments	AECL Whiteshell Experiments on Non-Uniform Mixtures	Light Water
Hydrogen Deflagration Experiments	AECL Interconnected Vessel Tests	Coolant Independent
Hydrogen Detonation Experiments	BNL High Temperature Combustion - Hydrogen-Air-Steam Experiments	Coolant Independent
Hydrogen Detonation Experiments	BNL High Temperature Combustion - Hydrogen-Air-Steam Experiments	Coolant Independent
Hydrogen Detonation Experiments	SNL FLAME Facility Experiments	Coolant Independent
Hydrogen Detonation Experiments	HUCTA - Hydrogen Unconfined Combustion Tests	Coolant Independent
Quenching Experiments	FARO Large Scale Molten Core-Water Quenching Experiments	Light Water
Quenching Experiments	FARO Large Scale Molten Core-Water Quenching Experiments	Light Water
Steam Expolsion Experiments	The BORAX-1 Test	Light Water
Steam Expolsion Experiments	The BORAX-1 Test	Light Water
Steam Expolsion Experiments	The BORAX-1 Test	Light Water
Steam Expolsion Experiments	The SPERT-1 Test	Light Water
Steam Expolsion Experiments	SNL FITS A and FITS B Experiments	Light Water
Steam Expolsion Experiments	ISPRA Molten Salt - Water Explosion Experiments	Light water
Steam Expolsion Experiments	KROTOS Experiments	Light Water
Steam Expolsion Experiments	JAERI ALPHA Experiments	Light Water
Steam Expolsion Experiments	JAERI COTELS Tests	Light Water
Steam Expolsion Experiments	JAERI COTELS Tests	Light Water
Steam Expolsion Experiments	KAERI TROI Tests	Light Water
Steam Expolsion Experiments	KAERI TROI Tests	Light Water
Steam Expolsion Experiments	ANL ZREX Experiments	Light Water
Steam Expolsion Experiments	KTH - PULiMS Experiments	Light Water
Steam Expolsion Experiments	SNL Large Scale Molten Aluminum-Water Experiments	Light Water
Steam Expolsion Experiments	University of Wisconsin Aluminum-Water Shock Tube Experiments	Light Water
Vapor Explosion Experiments	ANL Out-of-Reactor Na Injected into Molten UO2	Sodium
Vapor Explosion Experiments	ANL Camel Loop Tests	Sodium
Vapor Explosion Experiments	CORECT-II Sodium - UO2 Experiments	Sodium
Molten Pool Experiments	CEA - BALI Experiment of molten fuel circulating in the lower head	Light Water
Molten Pool Experiments	CEA - BALI Experiment of molten fuel circulating in the lower head	Light Water
Molten Pool Experiments	MCCI Project (OECD - ANL)	Light Water
Molten Pool Experiments	MCCI Project (OECD - ANL)	Light Water

High-level Phenomena	Experiment Description	Coolant Type
Molten Pool Experiments	MCCI Project (OECD - ANL)	Light Water
Molten Pool Experiments	MCCI Project (OECD - ANL)	Light Water
Molten Pool Experiments	RASPLAV Experiments	Light Water
Molten Pool Experiments	RASPLAV Experiments	Light Water
Molten Pool Experiments	MASCA Experiments	Light Water
Molten Pool Experiments	IVO-COPO Experiments	Light Water
Molten Pool Experiments	PSI CORVIS Experiments	Light Water
Molten Pool Experiments	ECOKATS Tests	Light Water
Molten Pool Experiments	ECOKATS Tests	Light Water
Molten Pool Experiments	SNL Swiss Tests	Light Water
Molten Pool Experiments	COMET Experiments	Light Water
Molten Pool Experiments	DISCO Tests	Light Water
Molten Pool Experiments	DISCO Tests	Light Water
In-Vessel Retention	UCSB ULPU and ULPU-2000 Experiments	Light Water
In-Vessel Retention	UCSB ULPU and ULPU-2000 Experiments	Light Water
In-Vessel Retention	ACOPO and Mini-ACOPO Experiments	Light Water
In-Vessel Retention	Penn State Experiments	Light Water
In-Vessel Retention	SULTAN Experiments	Light Water
In-Vessel Retention	SNL CYBL Facility Experiment	Light Water
RCS and RPV Failure Mechanisms	Stuttgart PWR Hot Leg Creep Rupture Failure Experiments	Light Water
RCS and RPV Failure Mechanisms	SNL Lower Head Creep Failure Tests	Light Water
RCS and RPV Failure Mechanisms	KTH EC-FOREVER Experiments	Light Water
RCS and RPV Failure Mechanisms	KTH EC-FOREVER Experiments	Light Water
RCS and RPV Failure Mechanisms	KTH EC-FOREVER Experiments	Light Water
RCS and RPV Failure Mechanisms	EPRI Lower Head Penetration Experiments	Light Water

Data Quality Category	Archival Category	Risk Status of Being Lost
-	-	High
-	-	High
-	-	High
G	A	Low
C	B	Low
C	B	Low
C	A	Low
G	F	High
D	F	High
D	F	High
-	-	High
-	-	High
-	-	High
-	-	High
-	-	High
C	B	Low
-	-	High
-	-	High
C	B	Low
G	A	Low
C	A	Low
C	A	Low
C	F	High
G	F	High
G	B	High
G	A	High
C	A	Low
H	C	Low
C	A	Low
B	A	Low
G	A	High
B	B	Low

Data Quality Category	Archival Category	Risk Status of Being Lost
B	B	Low
C	B	Low
G	B	Low
B	A	Low
B	A	Low
B	A	Low
D	C	High
D	C	Low
D	C	High
D	C	High
D	B	High
-	-	High
B	B	Low
D	-	Low
-	-	High
-	-	High
-	-	High
C	A	High
-	-	High
G	B	High
B	A	Low
G	A	High
C	A	Low
G	A	High
C	A	High
C	A	High
C	A	Low
C	A	Low
C	A	Low
G	F	High
G	F	High
G	F	High
H	A	High
D	C	High
H	B	High

Data Quality Category	Archival Category	Risk Status of Being Lost
H	A	High
G	A	High
B	A	Low
G	A	High
G	A	High
-	-	High
B	D	Low
C	C	Low
G	B	Low
C	B	Low
-	-	High
C	C	Low
C	B	Low
-	-	High
G	C	High
C	B	Low
C	B	Low
C	A	Low
-	-	High
G	A	High
-	-	High
G	A	High
G	A	High
-	-	High
B	A	Low
C	B	Low
-	-	High
C	B	Low
-	-	High
G	A	High
C	B	Low
G	A	High
C	A	High
B	A	Low

Data Quality Category	Archival Category	Risk Status of Being Lost
F	A	High
G	A	High
C	A	Low
G	B	Low
B	A	Low
-	-	High
-	-	High
B	B	Low
C	B	Low
E	C	Low
C	A	High
-	-	High
G	B	Low
D	A	Low
D	A	Low
D	A	Low
D	B	Low
D	B	Low
D	C	Low
D	B	Low
D	B	Low
D	B	Low
D	B	Low
D	B	Low
D	B	Low
C	C	Low
C	B	Low
-	-	High
C	B	Low
D	C	High
G	A	High
C	B	High
C	B	High
-	-	High
-	-	High

Data Quality Category	Archival Category	Risk Status of Being Lost
-	-	High
G	C	High
-	-	High
G	A	High
C	A	High
-	-	High
-	-	High
G	A	High
C	B	High
G	A	Low
F	A	Low
G	C	High
B	A	Low
-	-	High
-	-	High
E	C	High
C	A	Low
G	A	High
G	C	High
G	C	High
G	A	High
G	A	High
G	C	High
-	-	Medium
-	-	High
G	A	High
B	C	Low
C	C	Low
C	A	Low
G	C	Low
D	B	Low
C	B	Low

Data Quality Category	Archival Category	Risk Status of Being Lost
C	B	Low
C	A	Low
G	B	High
C	A	High
C	B	Low
C	A	Low
F	B	High
C	B	Low
C	A	Low
-	-	High
C	C	Low
D	C	High
G	C	High
C	B	Low
C	A	Low
G	C	High
-	-	High
D	C	High
E	A	High
-	-	High
-	-	High
H	C	High
G	A	High
F	A	High
-	-	High

Author or Editor	Publication Year	Publication Month
-	-	-
-	-	-
-	-	-
Franciso, A.D.; Tomlinson, E. T.	2007	November
Combustion Engineering	1961	May
Combustion Engineering	1961	June
E.P. Alexanderson & H.A Wagner	1979	-
J.G. Duffy & W.H. Jens	1967	-
W.J. McCarthy & W.H. Jens	1967	-
W.J. McCarthy & W.H. Jens	1967	November
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
NRC	1987	June
-	-	-
-	-	-
Modro, S. M.; Aksan, S.N.; Berta, V. T.: Wahba, A. B.	1989	October
Solbrig, C W; Linebarger, J H; Kaufman, NC	1980	January
Fell, J; Modro, S. M.	1990	May
Lu, M.S.; Hsu, C. J.; Connel, H. R.; Shier W. G.; Levine M. M.	1979	January
Carmichael, L. A., Niemi, R. O.	1978	June
-	-	-
Anselmet, M. C.; Bonnin, J.; Serre, F., Augier, G.; Bayle, S., Cabrillat, J. C., Repetto, G.	-	-
Planchon, H.P.; Singer, R. M.; Mohr, D.; Feldman, E.E.; Chang, L. K.; Betten, P.R.	1985	April
D.A. Petti, Z.R. Hobbins, R.R. Allison, C.M. Carlson, E.R. Hagrman, D.L. Cheng, T.C. Hartwell, J.K. Vinjamuri, and L.J. Seifken	1989	-
K. Vinjarnuri, D. Osetek, D. Petti, D.H. Meikrantz	1988	June
Lanning, D. D.; Lombardo, N. J.; Panisko, F. E.	1993	September
Rausch, W. N.; Hesson, G. M.; Pilger, J. P.; King, L. L.; Goodman, R. L.; Panisko, F. E.	1993	August
NRC	1996	March
Welter, K. B.; Bajorek, S. M.; Reyes, J.; Woods, B., Groome, J.; Hopson, J.; Young, E.; DeNoma, J.; Abel, K.	2005	August

Author or Editor	Publication Year	Publication Month
Welter, K. B.; Bajorek, S. M.; Reyes, J.; Woods, B., Groome, J.; Hopson, J.; Young, E.; DeNoma, J.; Abel, K.	2005	June
Reeder, D	1978	July
McPherson, G. D	1979	November
General Electric Company	1984	September
Hwang, W. S.; Alamgir, W. A.; Sutherland, W. A.	1984	September
Sutherland, W. A.; Alamgir, Md.; Findlay, J. A; Hwang, W. S.	1985	October
-	-	-
-	-	-
Murase, M.; Naitoh, M.	1984	September
Itoya, S.; Nagasaka, H.; Moriya, K., Miura, S.	1987	September
-	-	-
-	-	-
Odar. F	2001	May
Rupprecht, S. D.; Hochreiter, L. E.; Quaglia, R.; Rosal, E. R.; Sinwell, B. R.	1983	October
-	-	-
-	-	-
-	-	-
Scale, T.J.	1983	March
-	-	-
-	-	-
Blanchat, T. K.; Allen, M. D.; Pilch, M. M.; Nichols, R. T.	1994	June
Binder, J. L.; McUumber, L. M.; Spencer, B. W.	-	-
Binder, J. L.; McUumber, L. M.; Spencer, B. W.	1993	September
Wimett, T. F.; White, R. H.; Wagner, R. G.	-	-
Hasenkamp, A.	1966	January
Reil, K. O.; Young, M. F.	1978	August
Freeman, D. D.	1973	January
Higinbotham, W.	1994	November
Noble, L.D.; Wilkinson, C.D.	1968	-
Wolfe, B.	1967	-
Broom K.M.; Mitchell S. L.	1970	March
Billuris, G.	1967	April
Ott, L. J.	1990	October
Hagen, S.; Hering, W.; Sepold, L.; Hofmann, P.; Schanz, G.	1989	January
Steinbruck, M.; Grobe, M.; Sepold, L.; Stuckert, J.	-	-

Author or Editor	Publication Year	Publication Month
Hering, W.; Homann, Ch.; Sanchez, V.; Sengpiel, W.; Struwe, D.; Lamy, J.S.	2001	November
Hering, W.; Homann, C.; Miassoedov, A.; Schanz, G.; Sepold, L.; Stuckert, J.	2004	September
Gauntt, R. O.; Humphries, L. L.	1997	August
Yang, B.W.; Ouyang, W.	1994	April
Cheng, L.Y.; Tichler, P. R.; Yang, B.W.; OuYang, W.Y.; McAssey, E.	1994	October
-	-	-
Frank, F. J.; Felentzer, D. P.; Lee, J. C.	1973	April
Gonzani T.	1975	-
-	-	-
-	2010	-
-	-	-
Nodvik, R. J.	1969	August
Tomchik, C.; Oaks, A.	2018	September
-	-	-
Ferng, Y.M.; Lee, C.H.	1944	June
-	1993	June
Hessheimer, M. F.; Dameron, R. A.	2006	July
Forbes, S. G.	1969	April
-	-	-
McCormack, J. D.; Hilliard, R. K.; Postma, A. K.	1978	October
-	-	-
Farmer, M. T.; Spencer, B. W.; Kilsdonk, D. J.; Aeschlimann, R. W.	2000	January
Spencer, B. W.; Farmer, M. T.; Armstrong, D. R.; Kilsdonk, D. J.; Aeschlimann, R. W.; Fischer, M.	1992	January
-	-	-
Horschel, D. S.	1992	January
-	1974	February
-	-	-
Hessheimer, M. F.; Dameron, R. A.	2006	July
-	-	-
Watanabe, A.; Nagasaka, H.; Yokobori, S.; Akinaga, M.	2000	November
NRC	-	-
Osborne, M. F.; Lorenz, R. A.; Collins, J. L.	1991	November
Parker, G. W.; Creek, G. E.; Barton, C. J.; Martin, W.J.; Lorenz, R. A.	1967	July
Hilliard, R. K.; Coleman, L. F.	1970	December

Author or Editor	Publication Year	Publication Month
Souto, F. J.; Haskin, F. E.; Kmetyk, L. N.	1994	October
Hilliard, R.K.; Muhlestein, L. D.	1984	September
Wall, I. B.; Merilo, M.	1992	February
-	-	-
Souto, F. J.; Haskin, F. E.; Kmetyk, L. N.	1994	October
-	-	-
-	-	-
Hashimoto, Kazuichiro	1999	November
R. M. Elrick	1984	June
B. R. Bowsher	1987	-
Stanford, L.E.; Webster, C. C.	1972	April
-	-	-
Weaver, K.R.	-	-
Rosenberg, H.S.	1969	-
Genco, J.M.	1969	-
Rosenberg, H.S.	1969	-
Lemire R.J.	1981	-
Wren D.J.	1983	-
Wren J.C.	1996	-
Wren J.C.	1996	-
Fluke R.J.	1992	-
Postma A.K.	1972	-
Sagert N. H.	1989	-
Hemphill R.T.	1978	-
Hall, D.; Ericson, L.	-	-
-	1982	May
Findlay, J. A.,	1979	January
-	-	
Kim, S.; Ishii, M.; Kong, R.	2021	March
Urbanic, V. F.	1978	-
Baker, L.	-	-
Thompson, R.T.	1988	-
Thompson, R.T.	1988	
-	-	-
-	-	-

Author or Editor	Publication Year	Publication Month
-	-	-
Whitehouse, D. R.; Chan, C. K.; Greig, D. R.	1997	March
-	-	-
Ciccarelli, G.; Ginsberg, T.; Boccio, J.; Economos, C.; Finfrock, C.; Gerlach, L.; Sato, K.	1993	December
Ciccarelli, G.; Ginsberg, T.; Boccio, J.; Economos, C.; Finfrock, C.; Gerlach, L.; Sato, K.; Kinoshita, M.	1994	August
-	-	-
-	-	-
Magallon, D.; Huhtiniemi, I.	-	-
Annunziato, A.; Addabbo, C.; Yerkess, A. Silverii, R.; Brewka, W.; Leva, G.	1998	May
Boing, L. E.; Wimunc, E. A.; Whittinghton, G. A.	1990	November
Dietrich, J.R.	1956	-
Haroldsen, R.	2008	-
Spano, A. H.; Miller, R. W.	1962	June
-	-	-
-	-	-
Chen, R.; Wang, J.; Su, G. H.; Qiu, S.; Corradini, M. L.	2016	December
Moriyama, K.; Yamano, N.; Maruyama, Y.; Kudo, T.; Sugimoto, J.	1999	March
Sakai, I.; Kato, M.; Nagasaka, H.; Zhdanov, V.; Kolodeshnikov, A.; Vasilyev, Y.	2000	-
Kato, M.; Nagasaka, H.; Vasilyev, Y.; Kolodeshnikov, A.; Zhdanov, V.	2000	-
Hong, S.; Na, Y.; Park, R.	2017	May
Kim, H. D.; Kim, S. B.; Hong, S. W.; Kim, D. H.	2000	-
Cho, D. H.; Armstrong, D. R.; Gunther, W. H.; Basu, S.	1998	May
Konovalenko, A.; Karbojian, A.; Kudinov, P.	2012	September
-	-	-
-	-	-
Fauske, H. K.	1976	March
DeVault, G. P.	-	-
-	1996	October
-	1999	April
Ortiz, M.; Seiler, J. M.	1994	March
-	-	-
Farmer, M.; Kilsdonk, D.; Lomperski, S.; Aeschlimann, R.	-	-

Author or Editor	Publication Year	Publication Month
Farmer, M.; Kilsdonk, D.; Lomperski, S.; Aeschlimann, R.	-	-
Farmer, M.; Kilsdonk, D.; Lomperski, S.; Aeschlimann, R.	2010	November
-	-	-
Korea Atomic Energy Research Institute	1998	April
-	-	-
Kymaelaeinen, O.; Helle, M.; Pessa, E.	1998	March
Hirschmann, H.; Duijvestijn, G.; Jackel, B. S.; Nakada, K.; Patorski, J.; Seifert, H. P.; Tipping, Ph	-	-
Cron, A. H.; Cron, T.; Foit, J. J.; Messemer, G.; Schmidt-Stiefel, S.; Haefner, W.; Kriscio, H.	2004	-
Alsmeyer, H.; Cron, T.; Messemer, G.; Haefner, W.	2004	July
-	-	-
Alsmeyer, H.; Tromm, W.	1999	October
-	2009	-
-	-	-
Dinh, T. N.; Tu, J. P.; Salmassi, T.; Theofanous, T. G.	2003	June
Theofanous, T. G.	2002	January
Theofanous, T. G.; Maguire, M.; Angelini, S.; Salmassi, T.	1997	June
-	-	-
Rouge, S.	1997	June
Chu, T.Y.; Bentz, J.H.; Bergeron, K.D.; Slezak, S.E.; Simpson R.B	1994	April
-	-	-
-	-	-
-	-	-
Sehgal, B. R.; Giri, A.; Chikkanagoudar, U.; Karbojian, A.	2004	July
Park, H. S.; Dinh, T. N.	2006	October
-	-	-

Title
No Reference
No Reference
No Reference
Analysis of the SL-1 Accident Using RELAP5-3D
SL-1 Reactor Accident on January 3, 1961 (IDO-19300)
SL-1 Recovery Operations (IDO-19301)
FERMI-1: New Age for Nuclear Power
Investigation of the Fuel Melting Incident at the Enrico Fermi Atomic Power Plant
A Review of the Fermi Reactor Fuel Damage Incident and a Preliminary Assessment of the Significance to the Design and Operation of Sodium Cooled Fast Reactors
Enrico Fermi Fast Breeder Reactor Fuel Damage
No Reference
No Reference
No Reference
No Reference
No Reference
Loss of Residual Heat Removal System (NUREG-1269)
No Reference
No Reference
Review of LOFT Large Break Experiments (OECD LOFT Project)
LOFT: a nuclear plant providing realistic answers to PWR Licensing issues
An Account of the OECD LOFT Project
Thermal-Hydraulic Analysis of Peach Bottom II Turbine Trip Tests
Transient and Stability Tests at Peach Bottom Atomic Power Station Unit 2 at End of Cycle 3
Future Reference
Phebus Reactor: The Driving of A Severe Accident
Various
The EBR-II Inherent Shutdown and Heat Removal Tests - A Survey of Test Results
Power Burst Facility (PBF) Severe Fuel Damage Test 1-4 Test Results Report.
Fission Product Behavior During In-Pile Severe Fuel Damage Test SFD 1-4
Full-Length High-Temperature Severe Fuel Damage Test #5 Final Safety Analysis
Full-Length High-Temperature Severe Fuel Damage Test #1
Twenty-Third Water Reactor Safety Information Meeting
APEX-AP1000 Confirmatory Testing To Support AP1000 Design Certification (NUREG-1826) - Non-Proprietary

Title
APEX-AP1000 Confirmatory Testing To Support AP1000 Design Certification (NUREG-1826) - Proprietary
LOFT System and Test Description (5.5-FT Nuclear Core LOCES)
The LOFT Facility and Test Program
BWR Full Integral Simulation Test (FIST) Program Facility Description Report (NUREG/CR-2576)
BWR Full Integral Simulation Test (FIST) Phase I Test Results (NUREG/CR-3711)
BWR Full Integral Simulation Test (FIST) Phase II Test Results and TRAC-BWR Model Qualification (NUREG/CR-4128)
No Reference
No Reference
BWR Loss of Coolant Integral Tests with Two Bundle Loop
Overview of SAFER03 Assessment Studies
No Reference
No Reference
Assessment of the TRAC-M Codes Using Flecht-Seaset Reflood and Steam Cooling Data (NUREG-1744)
Results of the Flecht-Seaset Natural Circulation Experiments
No Reference
No Reference
No Reference
Comparison of the OPERA-15 Sodium Boiling Test with Pretest Computer Code Predictions
No Reference
No Reference
Experiments to Investigate Direct Containment Heating Phenomena with Scaled Models of the Surry Nuclear Power Plant
Direct Containment Heating Experiments in Zion Nuclear Power Plant Geometry Using Prototypic Materials
Results of Direct Containment Heating Integral Experiments at 1/40th Scale at Argonne National Laboratory
Godiva Iv
Final Safety Analysis: Annular Core Pulse Reactor
Prompt Burst Energetics Experiments: Fresh Oxide/Sodium Series
SEFOR Experimental Results and Applications to LMFBR's
Material Unaccounted for at the Southwest Experimental Fast Oxide Reactor: The SEFOR MUF
Final Specifications for the SEFOR Experimental Program, AEC Research and Development Report, GEAP-5576
The SEFOR Project - Its Significane and Progress
SEFOR. Southwest Experimental Fast Oxide Reactor
SEFOR Plant Design
Report of Foreign Travel of L. J. Ott, Engineering Analysis Section, Engineering Technology Division
CORA Bundle Experiments on Severe Fuel Damage
Lessons Learned from the QUENCH Program at FZK

Title
Thermohydraulics and Fuel Rod Behavior during Reflood/Quench Sitautions
The Quench Programme at Forschungszentrum Karlsruhe (FZK)
Final Results of the XR2-1 BWR Metallic Melt Relocation Experiment (NUREG/CR-6527)
Dynamics and Developing of Natural Circulation Cooling from Vertical Upflow and Downflow Conditions
Flow Reversal and Thermal Limit in a Heated Rectangular Channel
No Reference
Measured Characteristics of Xenon-induced X-Y Oscillations in the H. B. Robinson Unit 2 Nuclear Power Plant
Active Direct Measurement of Residual Fissile Content in Spent Fuel Assemblies
No Reference
Nuclear Fuel Behaviour Under Reactivity-initiated Accident (RIA) Conditions
No Reference
Supplementary Report on Evaulation of Mass Spectrometric and Radiochmeical Analyses of Yankee Core I Spent Fuel, Including Isotopes of Elements Thorium through Curium
OPTD: Out-of-Pile Transient Database
No Reference
Numerical Simulation of Natural Circulation Experiments Conducted at the IIST Facility
2D/3D Program Work Summary Report
Containment Integrity Research at Sandia National Laboratories
Carolina Virginia Tube Reactor (CVTR) In-Plant Testing Project
No Reference
Recent Aerosol Tests in the Containment Systems Test Facility
No Reference
Results of MACE core collability experiments M0 and M1b
Results of MACE tests M0 and M1
No Reference
Experimental Results From Pressure Testing A 1:6-Scale Nuclear Power Plant Containment
Final Report - Ice Condenser Full-Scale Section Tests at the Waltz Mill Facility
No Reference
Containment Integrity Research at Sandia National Laboratories
No Reference
Fission Product Aerosol Removal Test by Containment Spray Under Accident Management Conditions
Seismic Analysis of Large-Scale Piping Systems for the JNES-NUPEC Ultimate Strength Piping Test Program (NUREG/CR-6983)
ORNL Studies of Fission Product Release Under LWR Accident Conditions
Out-of-Pile Studies of Fission-Product Release From Overheated Reactor Fuels at ORNL, 1955 - 1965
Natural Transport Effects of Fission Product Behavior in the Containment System Experiment

Title
MELCOR 1.8.2 Assessment: Aerosol Experiments ABCOVE AB5, AB6, AB7, and LACE LA2
The ABCOVE Program Preliminary results of Tests AB5 and AB6
Containment Filtration System Test. Advanced Containment Experiments (ACE) Project, Summary Report
No Reference
MELCOR 1.8.2 Assessment: Aerosol Experiments ABCOVE AB5, AB6, AB7, and LACE LA2
No Reference
No Reference
Workshop on severe accident research
Reaction Between Some Cesium-Iodine Compounds and the Reactor Materials 304 Stainless Steel, Inconel 600 and Silver, Volume II Cesium Iodide Reactions
Fission-Product Chemistry and Aerosol Behaviour in the Primary Circuit of a Pressurized Water Reactor under Severe Accident Conditions
Energy Suppression and Fission Product Transport in Pressure-Suppression Pools
International Standard Problem (ISP) No 41 Containment Iodine Computer Code Exercise based on a radioiodine test facility (RTF) experiment (NEA-CSNI-R-2000-6-VOL-1)
The Present Status Of Iodine Chemistry Research In Canada And Its Application To Reactor Safety Analysis
Fission Product Deposition and its Enhancement Under Reactor Accident Conditions: Deposition on Containment System Surfaces", Battelle Memorial Institute Report, BMI-1865
Fission Product Deposition and its Enhancement Under Reactor Accident Conditions: Deposition on Containment System Surfaces", Battelle Memorial Institute Report, BMI-1863
Fission Product Deposition and its Enhancement Under Reactor Accident Conditions: Deposition on Containment System Surfaces", Battelle Memorial Institute Report, BMI-1874
Assessment of Iodine Behaviour in Reactor Containment Buildings from a Chemical Perspective
A Review of Iodine Chemistry Under Severe Accident Conditions
The Interaction of Iodine with Organic Material in Containment
Modelling Iodine Behaviour Using URIC 3.0
Advanced Containment Experiments (ACE): Evaluation of Pre-Test Code Calculations of Iodine Behaviour in the Radioiodine Test Facility", in Proceedings of the Third CSNI Workshop on Iodine Behaviour
Review of Organic Iodide Formation Under Reactor Accident Conditions in Water-Cooled Reactors
Radiolysis of Iodine of Moist Air: A Computer Study
Surface Effects in the Transport of Airborne Radioiodine at light Water Nuclear Power Plants
The Marviken Critical Flow Tests - A Description and Early Results
The Marviken Full Scale Critical Flow Tests (NUREG/CR-2671)
BWR Blowdown/Emergency Core Cooling Twelfth Quartely Progress Report
No Reference
Jet Impingement in High-Energy Piping Systems
High-Temperature Oxidation of Zircaloy-2 and Zircaloy-4 in Steam
Hydrogen-Generating Reactions in LWR Severe Accidents
Large-Scale Hydrogen Combustion Experiments, Volume I Methodology and Results EPR NP-3878
Large-Scale Hydrogen Combustion Experiments, Volume II Data Plots EPR NP-3878
No Reference
No Reference

Title
No Reference
Combustion of Non-Uniform Hydrogen-Air Mixtures
No Reference
High-Temperature Hydrogen-Air-Steam Detonation Experiments in the BNL Small-Scale Development Apparatus
High-Temperature Hydrogen-Air-Steam Detonation Experiments in the BNL Small-Scale Development Apparatus (NUREG/CR-6213)
No Reference
No Reference
Energetic Event in Fuel-Coolant Interaction Test FARO L-33
FARO Test L-14 on Fuel Coolant Interaction And Quenching
Design-Development and Operation of the Experimental Boiling-Water Reactor (EBWR) Facility 1955-1967
Experimental Investigation of The Self-Limitation of Power During Reactivity Transients in a Subcooled, Water-Moderated Reactor, Borax-1 Experiments, 1954.
The Story of the BORAX Nuclear Reactor and the EBR-1 Meltdown, How it All Came to be, Destructive Test of the First Borax, Lighting of Arco with Atomic Power, The Russian Connection
SPERT I Destructive Test Program Safety Analysis Report
No Reference
No Reference
Analysis of KROTOS KS-2 and KS-4 Steam Explosion Experiments with TEXAS-VI
Alpha Visual Data Collection STX005-025: Melt Drop Steam Explosion Experiments
COTELS Ex-Vessel Debris Coolability Tests
COTELS Fuel Coolant Interaction Tests under Ex-Vessel Conditions
Conversion Ratio of Molten Corium in TROI Steam Explosion Experiment
Overview of Severe Accident Research at KAERI
Experiments on Explosive Interactions Between Zirconium-Containing Melt and Water (ZREX)
Experimental Results on Pouring and Underwater Liquid Melt Spreading and Energetic Melt-coolant Interaction
No Reference
No Reference
The Role of Energetic Mixed-Oxide-Fuel-Sodium Thermal Interactions in Liquid Metal Fast Breeder Reactor Safety
SIMMER II Analysis of the CAMEL II C6 and C7 Experiments (Simulated Fuel Penetration into a Primary Control Assembly)
Fast Reactor Fuel Failure and Steam Generator Leaks: Transient and Accident Analysis Approaches
Final report for the "Melt-Vessel Interactions" Project
Proceedings of the Workshop on Large Molten Pool Heat Transfer
No Reference
OECD MCCI Project Category 4 Integral Test to Validate Sever

Title
OECD MCCI Project 2-D Core Concrete Interaction (CCI) Tests
OECD MCCI-2 Project Final Report
No Reference
A study on Corium melt pool behavior under external vessel cooling: Investigation of the first phase research results in the OECD RASPLAV
No Reference
In-Vessel Core Debris Heat Transfer Experiments: COPO II-AP Experiments. Final Report
Project CORVIS - Research on RPV Lower Head Failure
Test Report of the Melt Spreading Tests ECOKATS-V1 and ECOKATS-1
ECOKATS-2: A Large Scale Experiment on Melt Spreading and Subsequent Cooling by Top Flooding
No Reference
The COMET Concept for Cooling Core Melts: Evalutaion of the Experimental Studies and Use in the EPR
Direct Containment Heating Integral Effects Tests in Geometries of European Nuclear Power Plants
Analysis of Severe Accidents
Limits of Coolability in the AP1000-Related ULPU-2400 Configuraton V Facility
In-Vessel Retention Technology Development and Use for Advanced PWR Designs in the USA and Korea
The first results from the ACOPO Experiment
No Reference
SULTAN Test Facility for Large-Scale Vessel Coolability in Natural Convection at Low Pressure
Large-scale testing of in-vessel debris cooling through external flooding of the reactor pressure vessel in the CYBL facility
No Reference
No Reference
FOREVER: Failure Of Reactor Vessel Retention
Experiments on in-vessel melt coolability in the EC-FOREVER Program
Ex-Vessel Coolability and Energetics of Steam Explosions in Nordic Light Water Reactores
No Reference

Organization or Journal	Archived
-	No
-	No
-	No
OSTI	Yes
DOE	No
DOE	No
American Nuclear Society	Yes
ANS Transactions 101	No
Proceedings of the International Conference on the Safety of Fast Reactors	No
American Nuclear Society - News Monthly Maganzine	No
-	No
-	No
-	No
-	No
-	No
NRC	Yes
-	No
-	No
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OSTI	Yes
OECD	Yes
NRC	Yes
EPRI	No
IRSN	No
IAEA	Yes
OECD	
OSTI	Yes
Office of Scientific and Technical Information (OSTI)	Yes
American Chemical Society - 2nd Symposium on Nuclear Reactor Severe Accident Chemistry	No
OSTI	Yes
OSTI	Yes
OSTI	Yes
NRC	Yes

Organization or Journal	Archived
NRC	Yes
NRC	Yes
IAEA	Yes
OSTI	Yes
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IAEA, IAEA, OECD	No
OECD	No
Journal of Nuclear Science and Technology	No
Journal of Nuclear Science and Technology	No
OECD	No
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OSTI	Yes
OSTI	Yes
OSTI	Yes
OSTI	Yes
OSTI	Yes
OSTI	Yes
Proceedings of the American Power Conference Vol. XXIX pp189-201 Illinois Institute of Technology	No
Proceedings of a Symposium on Progress in Sodium-Cooled Fast Reactor Engineering, pp.33-40	No
Proceddings of the Fast Reactor Topical National Meeting, American Nuclear Society pp. 5-10 to 5-30	No
OSTI	Yes
OSTI	No
IAEA	Yes

Organization or Journal	Archived
OSTI	Yes
OSTI	Yes
OSTI	Yes
OSTI	Yes
OSTI	Yes
-	No
OSTI	No
NTRL	No
-	No
OECD	Yes
OECD	No
UNT	No
ANL	Yes
EPRI	No
Nuclear Engineering and Design; (Netherlands); 148:1	No
NRC	Yes
NRC	Yes
OSTI	Yes
-	No
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-	No
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IAEA, OSTI	No
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OSTI	Yes
OSTI	Yes

Organization or Journal	Archived
OSTI	Yes
OSTI	Yes
OSTI	No
-	No
OSTI	Yes
-	No
-	No
Japan Atomic Energy Research Inst., Tokyo Japan	Yes
NUREG/CR-3197/2 of 3, SAND83-0395, Sandia National Laboratories	Yes
Progress in Nuclear Energy, Vol. 20, No. 3	Yes
OSTI	Yes
Nuclear Energy Agency of the OECD (NEA)	Yes
-	Yes
-	No
-	No
-	No
-	Yes
-	Yes
-	Yes
-	Yes
-	Yes
-	Yes
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IAEA	No
National Technical Reports Library	No
NRC	Yes
-	No
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EPRI	Yes
EPRI	Yes
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-	No

Organization or Journal	Archived
-	No
IAEA	No
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Organization or Journal	Archived
ANL	No
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Nuclear Engineering and Design	No
OSTI	Yes
-	No
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KTH	No
OSTI	Yes
-	-

Archive Location
-
-
-
OSTI - Science Research Connection
https://www.id.energy.gov/foia/PDF/IDO-19300a.pdf
https://www.id.energy.gov/foia/PDF/IDO-19301CEND-1007_rdo.pdf
www.ans.org
-
-
-
-
-
-
-
-
-
https://www.nrc.gov/docs/ML2023/ML20234B468.pdf
-
-
https://www.nrc.gov/reading-rm/doc-collections/nuregs/agreement/ia0028/index.html
https://www.osti.gov/servlets/purl/5083282#:~:text=The%20mission%20of%20the%20LOFT,automatic%2
https://www.oecd-nea.org/jcms/pl_25963/loss-of-fluid-test-loft-project
https://www.nrc.gov/docs/ML1928/ML19282C208.pdf
L. A. Carmichael and R. O. Niemi, " Transient and Stability Tests at
https://www.irsn.fr/EN/Research/Research-organisation/Research-programmes/PHEBUS-PF/Pages/Sever
https://www-pub.iaea.org/mtcd/publications/pdf/csp_004c/pdffiles/016.pdf
OSTI - Science Research Connection
https://www.osti.gov/biblio/5983389-power-burst-facility-pbf-severe-fuel-damage-test-test-results-repor
-
https://www.osti.gov/biblio/10194763-full-length-high-temperature-severe-fuel-damage-test-final-safety-analysis
https://www.osti.gov/biblio/10187144-full-length-high-temperature-severe-fuel-damage-test
https://www.osti.gov/biblio/269713
https://www.nrc.gov/docs/ML0529/ML052980061.pdf

Archive Location
https://www.nrc.gov/docs/ML0529/ML052980061.pdf
https://www.nrc.gov/docs/ML0702/ML070250396.pdf
https://inis.iaea.org/collection/NCLCollectionStore/_Public/11/523/11523091.pdf
https://www.osti.gov/biblio/6373516
https://www.osti.gov/biblio/6370409-bwr-full-integral-simulation-test-fist-phase-test-results
https://www.osti.gov/biblio/6349740-bwr-full-integral-simulation-test-fist-phase-ii-test-results-trac-bwr-
https://www.oecd-nea.org/tiethysweb/facility/iet/23
https://www.oecd-nea.org/jcms/pl_25236/primary-coolant-loop-test-facility-pkl-project
https://www.tandfonline.com/doi/pdf/10.1080/18811248.1985.9735660
https://www.jstage.jst.go.jp/article/jnst1964/25/3/25_3_295/_pdf
https://www.oecd-nea.org/tools/abstract/detail/csni0005/
https://www.oecd-nea.org/tiethysweb/facility/iet/25
https://www.nrc.gov/docs/ML0115/ML011520327.pdf
https://www.osti.gov/biblio/5227157-results-flecht-seaset-natural-circulation-experiments
https://www.oecd-nea.org/tiethysweb/facility/iet/21
-
-
OSTI - Science Research Connection
https://www.oecd-nea.org/tiethysweb/facility/set/92
https://inis.iaea.org/search/search.aspx?orig_q=RN:10427024
https://www.osti.gov/biblio/10165960
https://www.osti.gov/biblio/140597-direct-containment-heating-experiments-zion-nuclear-power-plant-geometry-using-prototypic-materials
OSTI - Science Research Connection
https://www.osti.gov/servlets/purl/4710389
OSTI - Science Research Connection
OSTI - Science Research Connection
https://www.osti.gov/servlets/purl/4491795
https://www.osti.gov/servlets/purl/10108554
https://www.osti.gov/servlets/purl/4520769
https://www.osti.gov/biblio/6434331
https://www.osti.gov/etdeweb/biblio/6532084
https://inis.iaea.org/collection/NCLCollectionStore/_Public/48/026/48026388.pdf

Archive Location
OSTI - Science Research Connection
OSTI - Science Research Connection
https://www.osti.gov/biblio/531083-final-results-xr2-bwr-metallic-melt-relocation-experiment
OSTI - Science Research Connection
OSTI - Science Research Connection
-
https://www.osti.gov/biblio/4415044-measured-characteristics-xenon-induced-oscillations-robinson-unit-
https://ntrl.ntis.gov/NTRL/dashboard/searchResults/titleDetail/PB248540.xhtml
https://inis.iaea.org/search/search.aspx?orig_q=RN:8307016
https://www.oecd-nea.org/jcms/pl_14526/nuclear-fuel-behaviour-under-reactivity-initiated-accident-ria-
conditions?details=true
https://www.oecd-nea.org/jcms/pl_24498/international-criticality-safety-benchmark-evaluation-project-i
https://digital.library.unt.edu/ark:/67531/metadc872808/
https://publications.anl.gov/anlpubs/2018/09/146543.pdf
-
-
https://www.nrc.gov/docs/ML0625/ML062570376.pdf
https://www.nrc.gov/docs/ML0624/ML062440075.pdf
https://www.osti.gov/servlets/purl/4785910
-
https://www.osti.gov/servlets/purl/6167484
-
https://www.osti.gov/biblio/917663-results-mace-core-coolability-experiments-m0-m1b
OSTI- Science Research Connection
https://inis.iaea.org/search/search.aspx?orig_q=RN:21028659
https://www.osti.gov/biblio/10186339-experimental-results-from-pressure-testing-scale-nuclear-power-plant-containment
https://www.nrc.gov/docs/ML0802/ML080220357.pdf
-
https://www.nrc.gov/docs/ML0624/ML062440075.pdf
-
OSTI- Science Research Connection
https://www.nrc.gov/reading-rm/doc-collections/nuregs/contract/cr6983/index.html
https://www.osti.gov/servlets/purl/6365283
OSTI - Science Research Connection
https://www.osti.gov/servlets/purl/4076997

Archive Location
https://www.osti.gov/biblio/10102146-melcor-assessment-aerosol-experiments-abcove-ab5-ab6-ab7-lac-e-la2
OSTI - Science Research Connection
https://www.osti.gov/biblio/10148610-containment-filtration-systems-tests-advanced-containment-expe
https://inis.iaea.org/search/search.aspx?orig_q=RN:16058343
https://www.osti.gov/servlets/purl/10102146
-
-
https://inis.iaea.org/collection/NCLCollectionStore/_Public/32/026/32026139.pdf?r=1
https://inis.iaea.org/search/search.aspx?orig_q=RN:18052262
https://www.sciencedirect.com/science/article/abs/pii/S0149197087900060
OSTI - Science Research Connection
NEA-OECD
https://inis.iaea.org/collection/NCLCollectionStore/_Public/28/036/28036807.pdf
https://www.osti.gov/biblio/4765223
https://www.osti.gov/biblio/4776806
https://www.osti.gov/biblio/4184242
https://inis.iaea.org/search/search.aspx?orig_q=RN:13658540
https://inis.iaea.org/search/search.aspx?orig_q=RN:20063155
https://www.researchgate.net/publication/298886549_The_Chemistry_of_Iodine_in_Containment
https://inis.iaea.org/search/search.aspx?orig_q=RN:28037640
https://inis.iaea.org/search/search.aspx?orig_q=RN:39114531
https://inis.iaea.org/search/search.aspx?orig_q=RN:6158204
https://inis.iaea.org/search/search.aspx?orig_q=RN:22068453
https://inis.iaea.org/search/searchsinglerecord.aspx?recordsFor=SingleRecord&RN=10455296
https://inis.iaea.org/collection/NCLCollectionStore/_Public/10/470/10470295.pdf
https://ntrl.ntis.gov/NTRL/dashboard/searchResults/titleDetail/NUREGCR2671.xhtml
https://www.nrc.gov/docs/ML1924/ML19249A646.pdf
-
https://www.nrc.gov/reading-rm/doc-collections/nuregs/contract/cr7275/index.html
https://inis.iaea.org/collection/NCLCollectionStore/_Public/44/045/44045089.pdf
https://www.osti.gov/servlets/purl/5845688
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-
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Archive Location
-
https://inis.iaea.org/collection/NCLCollectionStore/_Public/31/010/31010412.pdf
-
https://www.osti.gov/biblio/10150889-high-temperature-hydrogen-air-steam-detonation-experiments-bnl-small-scale-development-apparatus
https://www.nrc.gov/docs/ML0717/ML071700089.pdf
-
-
https://www.osti.gov/etdeweb/servlets/purl/20224850
https://www.oecd-nea.org/jcms/pl_16212
https://www.osti.gov/biblio/5895196-design-development-operation-experimental-boiling-water-reactor-ebwr-facility
https://www.osti.gov/biblio/4369380
https://www.ne.anl.gov/pdfs/reactors/Story-of-BORAX-Reactor-by-Ray-Haroldsen-v2.pdf
https://www.osti.gov/opennet/servlets/purl/907610.pdf
-
https://books.google.com/books?id=o7sK7E9tlh8C&pg=PA9&lpg=PA9&dq=ISPR+Molten+Salt+-+Water+Explosion+Experiments&source=bl&ots=peN_t5WwfP&sig=ACfU3U3_hrMdzeCCoJHtm0mLcmgOn4-nrA&hl=en&sa=X&ved=2ahUKEwiq35XUuLvyAhU1GVkFHHQ3yBbAQ6AF6BAghEAM
https://www.sciencedirect.com/science/article/abs/pii/S0029549316303363?via%3Dihub
https://www.osti.gov/etdeweb/servlets/purl/364220
https://www.osti.gov/etdeweb/servlets/purl/20162723
https://inis.iaea.org/search/search.aspx?orig_q=RN:32026115
https://www.kns.org/files/pre_paper/37/17S-142%ED%99%8D%EC%84%B1%EC%99%84.pdf
https://www.osti.gov/etdeweb/servlets/purl/20162686
https://www.osti.gov/biblio/10732-experiments-explosive-interactions-between-zirconium-containing-melt-water-zrex
http://kth.diva-portal.org/smash/get/diva2:678317/FULLTEXT01.pdf
-
-
OSTI - Science Research Connection
https://inis.iaea.org/collection/NCLCollectionStore/_Public/16/072/16072211.pdf
https://inis.iaea.org/collection/NCLCollectionStore/_Public/28/005/28005780.pdf
https://www.osti.gov/etdeweb/servlets/purl/20146297
https://inis.iaea.org/collection/NCLCollectionStore/_Public/26/037/26037788.pdf?r=1&r=1
https://www.oecd-nea.org/jcms/pl_25962/melt-coolability-and-concrete-interaction-mcci-project
https://www.anl.gov/argonne-scientific-publications/pub/114120

Archive Location
https://www.anl.gov/argonne-scientific-publications/pub/114406
https://www.osti.gov/biblio/1177562
https://www.oecd-nea.org/jcms/pl_25900/rasplav-project
OSTI - Science Research Connection
https://www.oecd-nea.org/jcms/pl_25915/material-scaling-masca-project#:~:text=The%20Material%20Sc
https://www.osti.gov/biblio/354910-vessel-core-debris-heat-transfer-experiments-copo-ii-ap-experiment
https://inis.iaea.org/search/search.aspx?orig_q=RN:26067064
https://inis.iaea.org/search/search.aspx?orig_q=RN:36021020
https://www.osti.gov/biblio/21160637-ecokats-large-scale-experiment-melt-spreading-subsequent-coolin
-
https://publikationen.bibliothek.kit.edu/270046083/3813847
Meyer, L., Albrecht, G., Caroli, C., and Ivanov, I. (2009). Direct Containment Heating Integral Effects tests
https://publikationen.bibliothek.kit.edu/1000097965/38980597
https://www.nrc.gov/docs/ML0319/ML031920123.pdf
https://www.osti.gov/servlets/purl/825070
https://www.sciencedirect.com/science/article/abs/pii/S002954939700023X?via%3Dihub
-
https://www.sciencedirect.com/science/article/abs/pii/S0029549396012770
OSTI - Science Research Connection
-
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https://www.physics.kth.se/nps/research/facilities/forever-failure-of-reactor-vessel-retention-1.839483
https://www.osti.gov/biblio/21160790
https://www.osti.gov/etdeweb/servlets/purl/20886461
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