



Decommissioning, Decontamination, and Reutilization Division of the American Nuclear Society Fall 2009 - Newsletter

MESSAGE FROM THE CHAIR

Welcome to the American Nuclear Society (ANS) - Decommissioning, Decontamination and Reutilization (DD&R) Division. I want to thank you for your interest, membership, and participation in the DD&R Division within the ANS.

The DD&R Division members are active and important contributors to the nuclear industry's decommissioning efforts. The 2009-10 DD&R Division Executive Committee and its officers intend to have the DD&R Division to continue being recognized as the 'professional organization' and the source for the DDR aspect of the nuclear industry. Sharing knowledge to assist each of you to be successful in your work by and to undertake the DDR work in a safe, timely, and cost-effective manner - these are our goals. The upcoming year should be an exciting year for decommissioning projects. The new administration passed a major stimulus funded bill that will fund numerous projects for accelerated clean-up. So we hope to hear of the successes from our members in this work.

DD&R is active in organizing sessions for its upcoming DD&R 2010 topical meeting as well as for the technical sessions at ANS National Meetings on a wide range of different topics. It would be greatly appreciated if you would consider submitting an abstract and making a presentation about one of your ongoing projects in 2009/2010. The success of our sessions relies on contributions from division members! If you have a topic of particular interest, join in as a member of the DD&R Program Committee and ensure that your subject is presented by organizing and conducting a special technical session on your specific topic of interest.

The DD&R Division governance meetings will be held during the upcoming ANS Winter Meeting in Washington D.C, on Sunday, November 15th from 1-5 pm in the Cabinet Room of the Omni Shoreham Hotel with the Program Committee meeting from 1-3 PM and the Officers and Executive Committee meeting from 3-5 PM.

Also, don't overlook visiting our website at <http://ddrd.ans.org> for current information on activities of the DD&R Division as well as upcoming meetings. Also please encourage your friends and colleagues to become members of the DD&R Division.

I look forward to your support during the coming year and making DD&R a successful Division. Please contact me at saggarwal@nmnuclear.com or call (303) 984 5788 if you have any ideas or suggestions for the DD&R Division.

Sincerely,

*Sue Aggarwal
DD&R Chair, 2009 – 2010*

DD&R EXECUTIVE COMMITTEE

The officers, Executive members and subcommittee members for the Division from June 2009 to June 2010 are listed below.

OFFICERS		
Chair Dr. Sue Aggarwal NMNT International Inc. 575 Union Blvd., #102 Lakewood, CO 80228 Phone: 303-984-5788 email: saggarwal@nmnuclear.com	Vice Chair/Chair-Elect Dr. Lawrence M. Zull DNFSB 625 Indiana Avenue, NW Washington, DC 20004-2901 Phone: 202-694-7154 email: larryz@dnfsb.gov	Secretary Mr. J. Mark Price SCE PO Box 128 San Clemente, CA 92674-0128 Phone: 949-368-6980 email: pricemj@songs.sce.com
Treasurer Ms. Lisa Mullen Bluegrass Concrete Cutting, Inc. 107 Mildred Street Greenville, AL 36037 Phone: 800-734-2935 email: lmullen@concretecutters.com		
EXECUTIVE MEMBERS		
2010	2011	2012
Martin Bourquin W. R. Grace & Co. 4000 N. Hawthorne Street Chattanooga, TN 37406 Phone: 423-697-8216 email : Marty.Bourquin@grace.com	Frazier Bronson Canberra Industries, Inc. 800 Research Pkwy Meriden, CT 06450 Phone: 203-238-2351 email: FBronson@Canberra.com	Dennis Ferrigno CAF & Associates, LLC 6354 S Yates Ct Littleton, CO 80123 Phone: 303-794-6789 email: dennis.ferrigno@cafillco.com
Scott Altmayer Westinghouse Electric Company 1000 Westinghouse Dr. Cranberry Township, PA 16066 Phone: 412-374-6079 email: altmaysa@westinghouse.com	Nadia Glucksberg MACTEC, Inc 511 Congress Street Portland, Maine 04112 Phone 207-828-3535 email: nsglucksberg@mactec.com	David Hillyer The Shaw Group 30A Stillman Rd. North Stonington, CT 06359 Phone: 617-589-1115 email: dave.hillyer@shawgrp.com
John Bowen Mega-Tech services 11118 Manor View Dr. Mechanicsville, VA 23116 Telephone: 804-789-1577 email: jbowen@mega-techservices.biz	Andrea Hopkins Hanford Site 12515 Eagle Reach Ct. Pasco, WA 99301 Phone: 509-373-5395 email: andrea_m_hopkins@rl.gov	Erhard Koehler Department of Transportation 1200 New Jersey Avenue SE Washington, DC 20590-0001 Phone: 202-366-2631 email: erhard.koehler@dot.gov
Jean-Guy Nokhamzon - International Committee Member CEA/DEN/DPA CEN Saclay 91191 Gif sur Yvette Cedex France Tel: +33169085475 email: jean-guy.nokhamzon@cea.fr		

SUB COMMITTEES			
Committee	Chair	Committee	Chair
Technical Program	Nadia Glucksberg MACTEC, Inc 511 Congress Street Portland, Me 04112 Phone 207-828-3535 email: nsglucksberg@mactec.com	Membership	David W. Hillyer The Shaw Group 30A Stillman Rd. North Stonington, CT 06359 Phone: 617-589-1115 email: dave.hillyer@shawgrp.com
Goals & Planning	John E. Gunning Oak Ridge National Lab POB 2008, MS-6166 Oak Ridge, TN 37831-6166 Phone: 865-576-8113 email: gunningie@ornl.gov	Honors & Awards	John Bowen Mega-Tech Services 11118 Manor View Dr. Mechanicsville, VA 23116 Phone: 804-789-1577 email: jbowen@mega-techservices.biz
Publicity & Public Policy	Ms. Lynne Goodman DTE Energy 2000 2nd Avenue Detroit, MI 48226 phone: 734-586-1205 email: goodmanl@dteenergy.com	Newsletter	Mr. Gale S.F. Voyles Fluor ACP Project 100 Fluor Daniels Drive Greenville, SC 29607 Tel: 864-281-6137 email: gale.voyles@fluor.com
Website	John E. Gunning Oak Ridge National Lab POB 2008, MS-6166 Oak Ridge, TN 37831-6166 Phone: 865-576-8113 email: gunningie@ornl.gov	Standards	Scott Altmayer Westinghouse Electric Company 1000 Westinghouse Dr. Cranberry Township, PA 16066 Phone: 412-374-6079 email: altmaysa@westinghouse.com
Scholarship	Frazier Bronson Canberra Industries, Inc. 800 Research Pkwy Meriden, CT 06450 Telephone: 203-238-2351 email: FBronson@Canberra.com	Nominating	John E. Gunning Oak Ridge National Lab POB 2008, MS-6166 Oak Ridge, TN 37831-6166 Phone: 865-576-8113 email: gunningie@ornl.gov

PROGRAMS

The DD&R Division had a very successful ANS summer meeting in Atlanta in June. We organized 4 sessions at the meeting and these sessions are listed below. Thanks to Nadia Glucksberg and all our presenters for making these sessions a huge success.

Session Title: Groundwater Protection

The groundwater protection initiatives that are currently being completed highlight the potential for tritium (as well as other contaminants) to enter into the aquifers below active facilities. This not only impacts water quality, but the extent of impacted groundwater could trigger groundwater remediation and/or could impact decommissioning costs. This panel discussed case studies, the development of conceptual site models, and how this initiative has impacted individual plants.

Chair: - Nadia Glucksberg – MACTEC, Inc.

Panelists:-

Barry E. Muller, Ph.D. – DTE Energy, Fermi 2 Power Plant
Mary Beth Lloyd – Southern Nuclear Operating Company
Gordon Williams – STP Nuclear Operating Company
Donald Hintz, P.G – Inns brook Technical Center
Richard M. Fil – Robinson & Cole LLP

Session Title: The U.S Army Corps of Engineers/FUSRAP: D&D of Non-Reactor Sites

Substantial progress has been made in the decommissioning of sites that are implemented by the US Army Corps of Engineers. These include both FURSAP at DOE facilities and non-FUSRAP sites under Superfund and follow EPA's CERCLA process to reach closure. These projects are often associated with unique technical and regulatory challenges. This panel discussed on-going challenges and lessons learned from FUSRAP and commercial non-reactor projects completed under USACE oversight.

Chair:- Nelson Walter – MACTEC, Inc

Panelists:-

David Green – Robinson & Cole LLP
Kim Nelson – Cabrera Services
Donell Jackson & Keith Knauerhase – ABB, Inc.
Ellen Lorio, PE – US Army Corps of Engineers
Hans Honerlah – USACE – Baltimore District

Session Title: D&D at Commercial Reactor Facilities

This session took a specific look at the decommissioning of Commercial Reactor Facilities; it addressed ongoing unique challenges as well as address emerging issues that can affect future decommissioning activities at these facilities

Chair: - John W. Bowen – Mega-Tech Services, LLC

Paper:-

Decommissioning the Dounreay Site in Scotland, UK by Alastair MacDonald

Panelists:-

Erhard W. Koehler - US Department of Transportation
Lynne Goodman - Fermi 1
Edward C. Doubleday - EnergySolutions, LLC

Session Title: The History of Manhattan Era and Early Nuclear Power Facilities: Capturing the Historical Record While Performing Needed D&D

Sixty-five years after the Manhattan Project began; many of the aging facilities constructed during early nuclear power development are being demolished. One of the challenges during demolition activities is to preserve the historical record of the significant facilities, and in some cases, actually preserve a portion the buildings. This session provided some examples of how these challenges, to preserve an important historical heritage during D&D, are being met.

Chair: - John E. Gunning - Oak Ridge National Laboratory

Papers:-

Capturing the Hanford Historical Record by Michele Gerber

Decommissioning the Manhattan Project: Historic Preservation at Los Alamos by Ellen McGehee

Saving K-25: The Challenges of Preserving Manhattan Project Sites for the Future by Wm Wilcox

A Brief History of the Y-12 National Security Complex by David Smith

Session topics for the November 2009 meeting in Washington DC are listed below.

Session Title: TMI 30 Years Later

It is 30 years since the accident at Three Mile Island with the Nuclear Industry beginning to emerge from the doldrums caused by the accident it is appropriate to look back at the causes and lessons learned and the remind the new generation of engineers and operators that things can go wrong. This session will relate the history of the accident, the lessons learned and how they are being applied to the next generation of facilities.

Chair: - **Jack** Devine - Former Technical Planning Director for the Cleanup Translating TMI Lessons Learned to DOE Complex

Panelists:-

Joe Kowalaski

Sam Walker - NRC Historian - Political/Governmental behind the scenes activities during the accident

Tony Barrata -Chief Technical Judge NRCs Atomic Safety and Licensing Board - Technical Aspects of the Accident

Session Title: Finding Common Ground with Multiple Regulatory Agencies

Each regulatory agency has specific criteria to reach Site Closure under D&D. This session will compare the different requirements of federal and state agencies and explore how they overlap and/or contradict each other and how to find common ground. This session will also discuss potential shifts in how the new administration may impact these regulations. Panelists will include NRC, EPA and representatives from industry.

Chair: – Jay Peters - Human Health Risk Assessor, MACTEC, INC

Panelists:-

Richard Chang - NRC

Stuart Walker - EPA

James Thompson - Dewey LaBeouf

Thomas Magette - Energy Solutions

Session Title: - Future of Decommissioning Funds

With the current Stock market decline from Oct'08, the decommissioning funds for the nuclear utilities have suffered in a decline of equity. For some nuclear facility D&D funds, this may present an issue in that the D&D funds are underfunded and may have issues in correcting the funding level. In some cases this is similar to much of the housing and commercial real estate markets that are in a negative equity basis. This session will have panelist from the utility and financial community as well as specific regulators addressing the path forward. The session will be a two part session, panel of invited guests within the industry and invited papers for subject matter experts to address possible paths forward.

Chair: - Dennis Ferrigno - CAF & Associates

Co Chair: - Tom Magette, Energy Solutions

Panelists:-

Corey McDaniel - Congressional View of the D&D for private and public sector

Tom Magette - EnergySolutions- Private Sector D&D Fund Issues

Jack Surash - DOE D&D Program Status Update, public sector activity

Dennis Ferrigno - DOE project office- typical overview of a EM D&D Project

DD&R 2010 TOPICAL MEETING

The ANS Topical DD&R 2010 Meeting will be held in Idaho Falls, Idaho USA from August 29 to September 2, 2010. This meeting under the leadership of Jim Byrnes as the Technical Program Chair serves as a forum for the discussion of the social, regulatory, scientific, and technical aspects of decontamination, decommissioning, and reutilization, and waste management. The 2010 conference program will include commercial, government, and international project updates as well as present project management, technology, and regulatory developments in the areas of decommissioning, waste management, site closure and legacy management. For more information or any questions about the meeting please contact Jim Byrnes at jbyrne4424@comcast.net.

Papers will be presented in three tracks:

"Clearing the Way" – Project status reports

"Clearing the Way Made Easier" – Lessons Learned, Project management issues, regulations, and technologies

"After Clearing the Way" – Legacy management and site reuse after completion of Decommissioning Activities

In addition to a comprehensive technical program, there will be a Technology Expo, technical tours, and numerous fun activities and opportunities for attendees and guests. The website for DD&R 2010 is <http://ddrtopical2010.org/>. Additional information will be included here as the planning for the meeting progresses. 14 professional societies have co-sponsored the ANS Topical DD&R 2010 Meeting. These are listed below:-

Slovak Nuclear Society, Hungarian Nuclear Society, Czech Nuclear Society, International Atomic Energy Agency, OECD Nuclear Energy Agency, French Atomic Commission, French Nuclear Society, Nuclear Institute, Romanian Nuclear Energy Association, Mexican Nuclear Society, Canadian Nuclear Society, Chinese Nuclear Society, Atomic Energy Society of Japan, European Nuclear Society.

DD&R UPCOMING WORKSHOPS

Argonne National Laboratory is again offering its popular training course entitled "Decommissioning of Nuclear Facilities". The Argonne course is considered a must for those looking to understand the full breadth / cross-section of all decommissioning processes.

The purpose of the course is to:

1. provide information on the basic steps in the decommissioning process and
2. impart lessons learned from past experiences in decommissioning.

For more information about the course, venue and dates please visit www.dd.anl.gov/ddtraining

WEBSITE

When was the last time you visited our division's website? The website has been active for a number of years now - I would like to encourage all DDR members to regularly visit it at <http://ddrd.ans.org> to stay current on the latest divisional information. Please encourage your friends and colleagues to visit it and to consider becoming members of the DD&R Division. Materials can be submitted to me for consideration for inclusion / posting at our website.

DDR NEWSLETTER CONTRIBUTION

The DDR Newsletter is a publication prepared by the DDR Division Newsletter Editor with input from various information providers for each issue. Access to the newsletter is a benefit of membership in the ANS DDR Division. It is a semi-annual publication normally issued in the spring and fall of each year. I am requesting for you to consider contributing any news or an article for a future issue of our DD&R newsletter. Please contact me at 303-984-5788 or via e-mail at saggarwal@nmnuclear.com for your articles to be considered and/or submitted.

Please encourage colleagues who may have an interest in our newsletter and other DDR activities to join us in the ANS, and the DDR Division. Membership details for joining the DDR Division can be found at the division's website: <http://ddrd.ans.org> . The newsletter is for members only and can be accessed by using "ddrd" as the user ID and "memberlogon" as the password.

DDR HONORS & AWARDS

Saying thanks for a job well done is crucial to our industry! By nominating candidates for our DDR Award of Excellence and Lifetime Achievement Award we are recognizing those whose contribution to the Society and Division has been above and beyond the norm. If you know someone who has contributed to our industry in a significant way and deserves recognition, contact the DDR Chair so the nomination can be submitted. The award nominations need to be submitted by the membership in order to facilitate the selection of the winner and their being presented the award at the DD&R 2010 topical meeting being held in September 2010 in Idaho Falls, Idaho, USA.

The criteria for the Award of Excellence and Lifetime Achievement Award can be found at <http://ddrd.ans.org/nominations-ex.html> and <http://ddrd.ans.org/nominations-lt.html>. The nomination form can be downloaded at <http://ddrd.ans.org/nominations-ol.html>. All nominations must be submitted by January 31st 2010.

DDR 2010 ELECTIONS

The 2010 DDR elections for officers and new Executive Committee (EC) members will take place early in the first half of 2010. The new terms for the officers and elected EC members will start after the close of the June 2010 meeting in San Diego for both the officers and the EC members. The EC members will serve 3 year terms and the officers will serve a 1 year term with the exception of the Vice Chair who steps up to Chair in the year following the Vice Chair term. The succession plan is as follows:-

- Vice Chair becomes Chair
- Secretary becomes Vice Chair
- Treasurer becomes Secretary
- Treasurer is recruited from Executive Committee or Committee Chairs.
- Executive Committee members are recruited from Members at Large and Committee Members.

Please contact me if you like to be nominated for the Executive Committee in 2010.

SCHOLARSHIP

The DD&R Division has available one endowed undergraduate scholarship of \$2,000 and one graduate scholarship of \$3,000. These are for students in an engineering or science major with emphasis on D&D, or management/characterization of radioactive waste, or ER, or nuclear engineering. The recipients are required to attend at least one of the two ANS meeting following the award, and will be reimbursed for this.

For more information go to <http://www.ans.org/honors/scholarships>. Applications for the 2010-2011 academic year are **due no later than February 1, 2010**. Forms will be available from the ANS web site around Mid-November at <http://www.ans.org/honors/scholarships/forms>. Please pass this information to those students that might benefit from it.

BUDGET

Below is a table of DD&R Divisions budget. The division income is higher in 2007 due to a topical meeting held in Chattanooga, TN.

Division Finances	Actual 12/31/2007	Actual 12/31/2008	Budget 2009	Actual 9/31/2009
Budget Funds				
Carry Forward	\$ 23,984	\$ 35,325	\$ 32,494	\$ 34,937
Member Allocation	\$ 1,105	\$ 2,058	\$ 2,161	\$ 1,964
Division Income	\$ 15,669			
Total Budget Funds	\$ 40,758	\$ 37,383	\$ 34,655	\$ 36,901
Budget Expenses				
Newsletter/website/communications	\$ 1,628	\$ 1,000	\$ 2,400	\$ 2,000
Awards and Plaques	\$ 584	\$ 45	\$ 500	\$ 64
National Meeting Costs	\$ 1,121	\$ 1,401	\$ 1,000	\$ 1,565
Scholarship / NEED Funding	\$ 0	\$ 0	\$ 3,000	\$ 0
Division Expenses	\$ 0	\$ 0	\$ 200	\$ 0
Student Support	\$ 1,500	\$ 0	\$ 1,500	\$ 1,000
Miscellaneous	\$ 600	\$ 0	\$ 1,000	\$ 903
Total Expenses	\$ 5,433	\$ 2,446	\$ 9,600	\$ 3,532
Excess of Budgeted Funds over Expenses	\$ 35,325	\$ 34,937	\$ 25,055	\$ 31,369

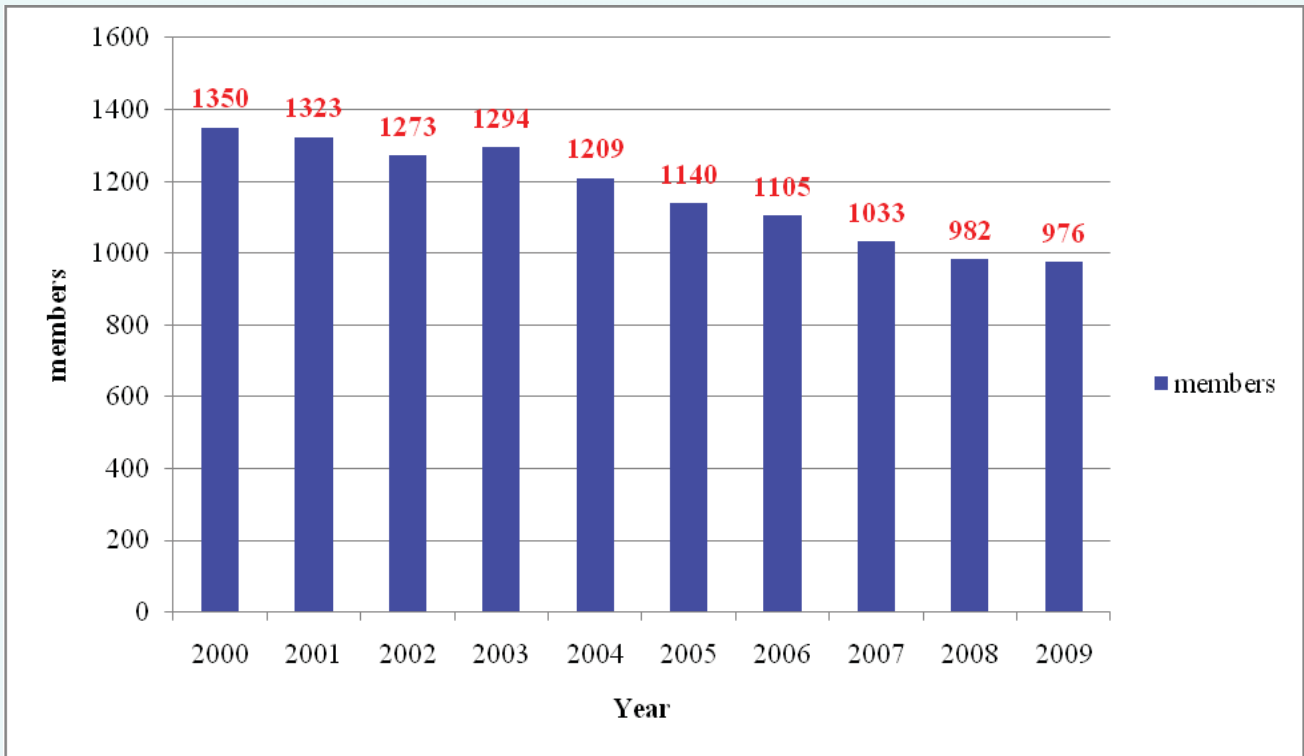
DD&R MEMBERSHIP UPDATE

During the past 10 months (January through October 2009), the membership of the ANS DDR division has increased by 81 new members. A listing of these new members and their respective organizations is presented below. When convenient and as we deal with them, please welcome them to our Division. Thanks to everyone for their ongoing efforts to promote.

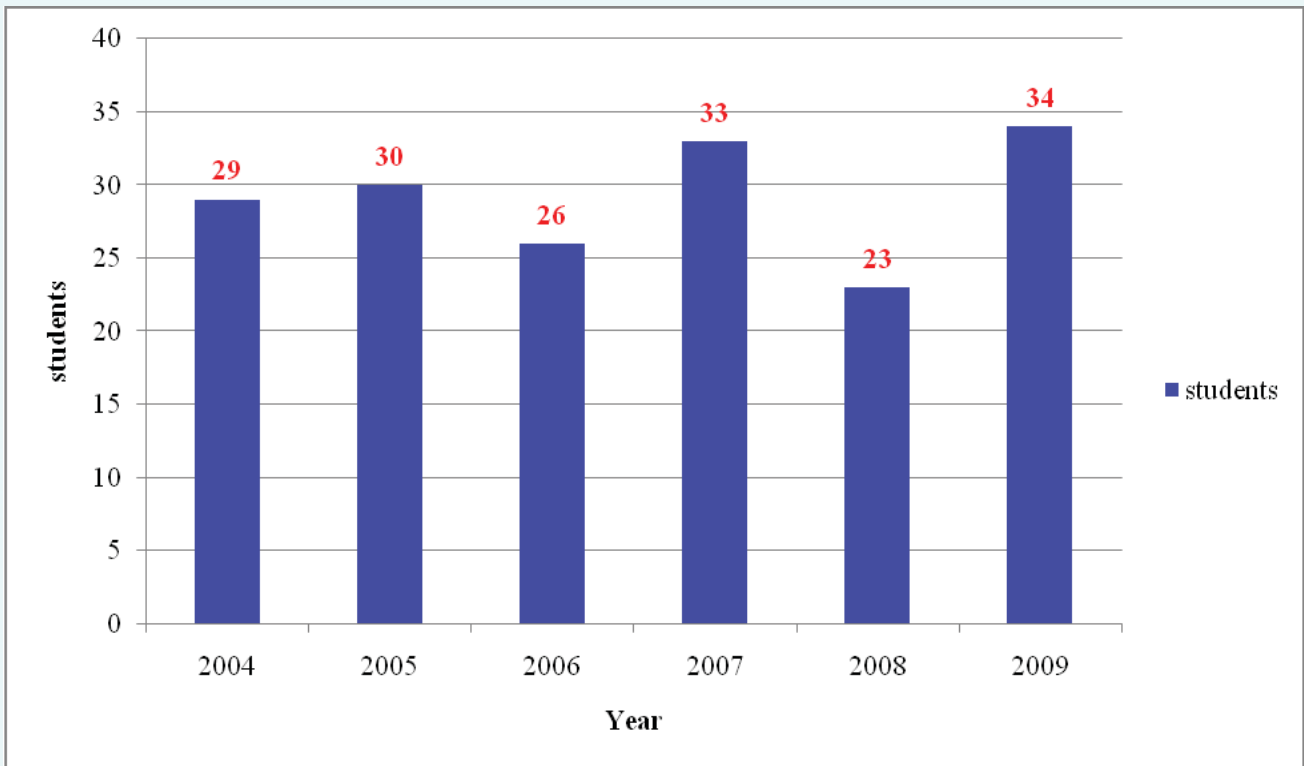
The DD&R Division will provide a membership incentive at the beginning of 2010, during which the first 65 new members will receive a complimentary subscription to RadWaste Solutions magazine. Please encourage your colleagues and those working on projects in the nuclear decommissioning industry to join you in becoming a member of ANS and our DD&R Division, or if they were a member in 2009, encourage them to renew their membership in ANS and the DD&R Division.

The graph below shows DD&R's membership trend from 2000 to 2009. The number is decreasing due the shrinking decommissioning market.

TOTAL ANNUAL MEMBERSHIP



TOTAL ANNUAL STUDENT MEMBERSHIP



All new members are listed in the table below.

NAME				ORGANIZATION	JOINED
Dr.	Rateb(Boby)	M.	Abu-Eid	U.S. NRC	5/11/2009
Mr.	Edward		Anderson	SELLAFIELD LTD.	3/11/2009
Mr.	Nathaniel	A.	Anemaet	RENSELAER POLYTECHNIC INSTITU	8/24/2009
Mr.	Michael	H.	Auble	LAWRENCE LIVERMORE NATIONAL LAB	9/9/2009
Mr.	Derek	A.	Baum	OHIO STATE UNIVERSITY	10/8/2009
Mr.	William	E.	Bigot	PAR SYSTEMS, INC.	9/16/2009
Mr.	Joshua	T.	Bladen	U.S NAVY	2/18/2009
Mr.	Michael	A.	Brasel	DAIRYLAND POWER COOPERATIVE	1/26/2009
Mr.	Michael	S.	Brightwell	PROFESSIONAL RADIATION CONSULTING	8/28/2009
Mr.	Christopher	J.	Bush	UK TRADE & INVESTMENT	2/1/2009
Dr.	Christopher	J.	Chancellor	LOS ALAMOS NATIONAL LABORATORY	5/7/2009
Mr.	Michael	J.W.	Chun	CBI POLYMERS	2/26/2009
Mr.	Matthew	D.	Cole	SA ROBOTICS, INC.	6/10/2009
Miss	Melissa	A.	Crawford	N/A	3/12/2009
Mr.	Steven	K.	Crowe	TC PROGRAM SOLUTIONS, LLC	6/2/2009
Mr.	Gary		Doebler	PAR SYSTEMS, INC.	1/7/2009
Mr.	Dave	J.	Eckert	PEGASUS NUCLEAR	6/29/2009
Mr.	Thomas	A.	Farber,	COMMONWEALTH DYNAMICS, INC.	8/31/2009
Mr.	James	E.	Flaherty	RICH INDUSTRIES, INC.	9/15/2009
Mr.	Keith		Furevick	ODIM NUMET LTD.	5/5/2009
Mr.	Michael	A.	Gasparovic,	WESTINGHOUSE	1/21/2009
Mr.	David	R.	Greene	ROBINSON & COLE LLP	7/1/2009
Mr.	William	S.	Grimes	MACTEC ENGINEERING & CONSULTING	7/1/2009
Mr.	Raymond	C.	Hamilton	SARGENT & LUNDY	6/29/2009
Mr.	Roberteau	D.	Harris,	N/A	1/27/2009
Mr.	Brian	M.	Henderson	EXCELSIOR COLLEGE	5/28/2009
Mr.	Michael	B.	Hillesheim	SANDIA NATIONAL LABORATORIES	4/27/2009
Mr.	William		Hlopak	ENERGYSOLUTIONS	4/14/2009
Mr.	Blake	T.	Holton	UNIVERSITY OF FLORIDA	4/17/2009
Mr.	Steven		Houk	OHIO STATE UNIVERSITY	5/8/2009
Mr.	Joel	T.	Hughes	UNIVERSITY OF NEW MEXICO	9/18/2009
Mr.	Jon		Kirchner	KIRCHNER ADVISORY	3/31/2009
Mr.	Michael	J.	Kopp	RESTORATION SERVICES INC.	2/11/2009
Mr.	Brett	M.	Levander	U.S. NAVY	5/6/2009
Mr.	Eric	G.	Lewis	ENTERGY	2/6/2009
Mr.	Mitch	E.	Lunsford	SOUTHERN PINES TRUCKING, INC.	8/25/2009
Mr.	Alastair	J.	MacDonald,	CHPRC	5/12/2009
Mr.	John	A.	MacEvoy,		7/23/2009
Ms.	Theresa	P.	Makely	NORFOLK NAVAL SHIPYARD	8/31/2009
Mr.	David	W.	Marinacci,	E.S. FOX LTD.	2/1/2009
Mr.	Brian	A.	Matthews	NUCLEAR SAFETY ASSOCIATES	6/30/2009
Mr.	Dorian	A.	Matthews	OHIO STATE UNIVERSITY	5/11/2009
Mr.	Robert	R.	McMaster,	HURON CONSULTING GROUP	7/1/2009
Dr.	Nabil		Mena	CANBERRA - AREVA	4/21/2009
Mr.	Daniel	T.	Metelsky	UNIVERSITY OF PITTSBURGH	9/16/2009
Ms.	Doris	A.	Minor	ATTENUATION ENVIRONMENTAL CO	6/9/2009
Mr.	Ilija		Miskovic	VIRGINIA TECH	2/23/2009
Mr.	Donald	D.	Mittelstaedt,	THERMO KING	4/2/2009

NAME			ORGANIZATION	JOINED
Dr.	Massimo	Morichi	CANBERRA - AREVA	1/28/2009
Mr.	Jagoron	Mukherjee	BECHTEL	9/30/2009
Mr.	Sanjay H.	Mukhi	GEORGETOWN UNIVERSITY	1/5/2009
Dr.	Barry E.	Muller	DTE/FERMI 2 POWER PLANT	7/1/2009
Ms.	Kim A.	Nelson	CABRERA SERVICES, INC.	7/1/2009
Mr.	Andrew P.	Oplinger	THREE RIVERS COMMUNITY COLLEGE	9/23/2009
Mr.	Keith E.	Ottinger	NORTH CAROLINA STATE UNIVERSIT	1/27/2009
Mr.	Frederic Mouen-Makoua,	P.E.	DYNABOND POWETECH SERVICE	10/12/2009
Dr.	Sharon Robinson,	P.E.	OAK RIDGE NATIONAL LABORATORY	2/1/2009
Mr.	Art N.	Porter	BARNHART NUCLEAR SERVICES	4/17/2009
Mr.	Larry T.	Porter	L. PORTER EQUIPMENT CO. INC.	5/22/2009
Dr.	Mitch W.	Pryor	UNIVERSITY OF TEXAS AT AUSTIN	9/11/2009
Ms.	Jody M.	Pugh	UNIVERSITY OF NEW MEXICO	9/15/2009
Mr.	Donald A.	Ragan	BARTLETT NUCLEAR, INC.	10/7/2009
Mr.	Einar T.	Ronningen	SMUD	1/30/2009
Miss	Margaret A.	Root	UNIVERSITY OF NEW MEXICO	1/28/2009
Mr.	Keith R.	Rule	PRINCETON UNIVERSITY	9/18/2009
Mr.	Nathaniel J.	Scholnicoff	BECHTEL BETTIS	6/24/2009
Dr.	John R.	Shultz	US DEPT OF ENERGY	7/1/2009
Mr.	Nathan S.	Smith	EXCELSIOR COLLEGE	4/20/2009
Mr.	Dennis L.	Smith	JACOBS ENG.	5/6/2009
Mr.	Gary R.	Smolen	NUCLEAR SAFETY ASSOCIATES	8/28/2009
Mrs.	Brittany N.	Sprung	PENN STATE UNIVERSITY	1/5/2009
Mr.	Thomas G.	Szonntag,	DAY & ZIMMERMANN	5/21/2009
Mr.	Justin E.	Terek	UNIVERSITY OF PITTSBURGH	2/4/2009
Mr.	E. Graves	Tompkins	GENERAL ATLANTIC	2/6/2009
Mr.	Carl	Tragesser	USA ENVIRONMENT LP	1/28/2009
Mr.	Gregory A.	Varacalli	SAA SOLUTIONS, INC.	5/14/2009
Mrs.	Lisa M.	Watson	LOS ALAMOS NATIONAL LABORATORY	5/15/2009
Mr.	Joshua J.	Whitman	MIT	5/4/2009
Mr.	Ryan W.	Williamson	WGINT/ENGINEERED PRODUCTS DIV.	4/28/2009
Miss	Whitney A.	Wutzler	OHIO STATE UNIVERSITY	3/30/2009
Mr.	Daniel	Yurman	SELF-EMPLOYED	3/23/2009