



# FCIX

NRC AUDITORIUM JUNE 9-10, 2015

2015

10TH ANNUAL  
FUEL CYCLE  
INFORMATION  
EXCHANGE



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## CONTENTS

Program Schedule .....	4
Speaker Biographies .....	6
List of Acronyms.....	18
Nearby Places to Eat.....	20
Notes.....	24

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## Tuesday, June 9, 2015

7:30 am - 4:00 pm	<b>Conference Registration and Badging</b>
8:30 - 8:40 am	<b>Welcome Remarks</b> Marissa Bailey, Director, Division Fuel Cycle Safety, Safeguards, and Environmental Review, NRC
8:40 - 9:10 am	<b>EDO's Remarks: <i>Project AIM 2020</i></b> Mark Satorius, Executive Director for Operations, NRC
9:10 - 9:45 am	<b>Keynote Address:</b> <b><i>The U.S. Nuclear Fuel Cycle - Looking Forward to 2020</i></b> Eileen M. Supko, Principal, Energy Resources International, Inc.
9:45 - 10:15am	<b>BREAK</b>
10:15 - 11:25 am	<b>Executive Panel</b> Moderator: Scott Moore, NRC/NMSS Panel Members: <ul style="list-style-type: none"> <li>• Victor McCree, NRC/Region II</li> <li>• Catherine Haney, NRC/NMSS</li> <li>• David E. Sexton, URENCO USA</li> <li>• Jim Pritchett, Honeywell</li> </ul>
11:25 - 11:45 am	<b><i>An Update on Safety Culture Activities</i></b> Diane J. Sieracki, NRC/OE
11:45 am - 1:00 pm	<b>LUNCH BREAK</b>
1:00 - 4:00 pm	<b>Nuclear Energy Institute (NEI) Session</b> Title: <i>20/20 Vision</i>
1:00 - 1:15 pm	<b><i>NEI's 20/20 Vision for Continued Collaboration and Improvement in NRC Licensing and Inspection Programs</i></b> Introductory Remarks by: Janet R. Schlueter, NEI
1:15 - 2:20 pm	<b>Licensing Program Roundtable Discussion: <i>Best Practices, Areas of Improvement, Communications, and Industry Perspectives</i></b> Participants: <ul style="list-style-type: none"> <li>• Robert Link, AREVA, Presenter</li> <li>• Scott Murray, GE-Hitachi, Presenter</li> <li>• Andy Sabisch, NFS, Presenter</li> <li>• Marissa Bailey, NRC/NMSS</li> <li>• Larry Camper, NRC/NMSS</li> <li>• Mark Lombard, NRC/NMSS</li> </ul>
2:20 - 2:50 pm	<b>BREAK</b>
2:50 - 4:00 pm	<b>Inspection Program Roundtable Discussion: <i>Best Practices, Areas of Improvement, Coordination, and Industry Perspectives</i></b> Participants: <ul style="list-style-type: none"> <li>• Robert Link, AREVA, Presenter</li> <li>• Adam Hilton, GNF-A, Presenter</li> <li>• Andy Sabisch, NFS, Presenter</li> <li>• Mark Lesser, NRC/Region II</li> </ul>
4:00 - 4:45 pm	<b>Optional: NRC Operations Center Tour</b>



## Wednesday, June 10, 2015

7:30 am – 4:00 pm	<b>Conference Registration and Badging</b>
8:30 – 9:00 am	<b>Deputy EDO's Remarks: <i>Integrated Safety Analysis... Are we there yet?</i></b> Michael F. Weber, Deputy Executive Director for Operations for Materials, Waste, Research, State, Tribal, and Compliance Programs, NRC
9:00 – 10:00 am	<b>Operating Experience Roundtable Discussion</b> Moderator: Sabrina Attack, NRC/NMSS Presenters: <ul style="list-style-type: none"> <li>• Sabrina Attack, NRC/NMSS</li> <li>• Michael Rinker, Canadian Nuclear Safety Commission</li> <li>• Anthony Delamotte, The French Nuclear Safety Authority</li> <li>• Amir Vexler, GNF-A</li> </ul>
10:00 – 10:30 am	<b>BREAK</b>
10:30 – 11:00 am	<b>Commissioner Baran Remarks</b>
11:00 – 11:45 am	<b><i>Response to Threats at Fuel Cycle Facilities</i></b> – NRC will share information on potential hostile action-based events including potential losses of special nuclear material Presenters: <ul style="list-style-type: none"> <li>• Bernard Stapleton, NRC/NSIR</li> <li>• Bruce Moran, NRC/NMSS</li> </ul>
11:45 am – 1:00 pm	<b>LUNCH BREAK</b>
1:00 – 1:30 pm	<b>Commissioner Ostendorff's Remarks</b>
1:30 pm – 4:20 pm	<b>NRC, Region II Session</b>
1:30 – 2:00 pm	<b>Division of Fuel Facility Inspection Update, Inspection Findings, and Performance Trends</b> Mark Lesser, NRC/Region II
2:00 – 2:30 pm	<b><i>Events Evaluation and Reactive Inspections</i></b> Alan Blamey, NRC/Region II
2:30 – 3:00 pm	<b>BREAK</b>
3:00 – 4:20 pm	<b>Evaluation of Risk Significance Panel</b> Moderator: Alan Blamey, NRC/Region II Presenters: <ul style="list-style-type: none"> <li>• Manuel Crespo, NRC/Region II</li> <li>• Andy Sabisch, NFS</li> <li>• Thomas Marenchin, NRC/OE</li> </ul>
4:20 – 4:30 pm	<b>Closing Remarks</b> By: Marissa Bailey, NRC/NMSS

## Speaker Biographies



### William C. Ostendorff

The Honorable William C. Ostendorff was sworn in for a second term as a Commissioner of the U.S. Nuclear Regulatory Commission (NRC) on July 7, 2011, to a term ending on June 30, 2016. His first term was from April 1, 2010, to June 30, 2011.

Mr. Ostendorff has a distinguished career as an engineer, legal counsel, policy advisor, and naval officer. Before joining the NRC, Mr. Ostendorff served as the Director of the Committee on Science, Engineering and Public Policy and as Director of the Board on Global Science and Technology at the National Academies.

Mr. Ostendorff came to the National Academies after serving as Principal Deputy Administrator at the National Nuclear Security Administration from April 2007 until April 2009. From 2003 to 2007, he was a member of the staff of the House Armed Services Committee. There, he served as counsel and staff director for the Strategic Forces Subcommittee with oversight responsibilities for the Department of Energy's Atomic Energy Defense Activities as well as the Department of Defense's space, missile defense and intelligence programs.

Mr. Ostendorff was an officer in the United States Navy from 1976 until he retired in 2002 with the rank of Captain. During his naval career, he commanded an attack submarine, an attack submarine squadron and served as Director of the Division of Mathematics and Science at the United States Naval Academy.

Mr. Ostendorff earned a bachelor's degree in systems engineering from the United States Naval Academy and law degrees from the University of Texas and Georgetown University. He is a member of the State Bar of Texas.



## Jeff Baran

The Honorable Jeff Baran was sworn in as a Commissioner of the U.S. Nuclear Regulatory Commission (NRC) on January 2, 2015, to serve the remainder of the term ending June 30, 2018. He was originally sworn in as a Commissioner on October 14, 2014, to a term ending June 30, 2015.

Commissioner Baran worked for the U.S. House of Representatives for over 11 years. He most recently served as Staff Director for Energy and Environment for the Democratic staff of the House Energy and Commerce Committee. He previously served as senior counsel to the Committee. During his tenure with the Energy and Commerce Committee, oversight of NRC was one of his primary areas of responsibility.

Commissioner Baran worked on a range of NRC issues, including new reactor licensing, existing reactor oversight and decommissioning, high-level and low-level waste, and uranium mining, milling, and enrichment. He helped coordinate the efforts of six federal agencies, including the NRC, and two Native American tribes to clean up uranium contamination in and around the Navajo Nation. He also helped negotiate bills related to pipeline safety, energy efficiency, hydropower, and medical isotopes that were enacted with bipartisan support.

From 2003 to 2008, he was counsel to the House Oversight and Government Reform Committee. Prior to his work on Capitol Hill, Commissioner Baran served as a law clerk for Judge Lesley Wells of the U.S. District Court for the Northern District of Ohio.

Born and raised in the Chicago area, Commissioner Baran earned a bachelor's degree and a master's degree in political science from Ohio University. He holds a law degree from Harvard Law School.

## Attack, Sabrina

Sabrina Attack currently serves as the Fuel Cycle Operations Team Leader within the Division of Fuel Cycle Safety, Safeguards, and Environmental Review in NMSS, where she leads functions related to operating experience, quality assurance, 10 CFR Part 21, and programmatic functions associated with fuel facility oversight. Miss Attack has worked for the NRC for almost 9 years, during which time she has performed technical reviews for operating reactors, licensing reviews for new reactors, vendor inspections, and licensing, inspection functions, and guidance development for fuel cycle facilities. Miss Attack holds a B.S. degree in Physics from Wheeling Jesuit University and a Master's degree in Nuclear Engineering from the University of Michigan.

## Bailey, Marissa G.

Marissa G. Bailey is the Director, of the Division of Fuel Cycle Safety, Safeguards and Environmental Review, where she is responsible for safety and licensing reviews of major fuel cycle facilities, including the proposed mixed oxide fuel fabrication facility. Since joining NRC in 1989, she has served in positions of increasing responsibility, including two years as a section chief in NMSS' Division of Industrial and Medical Nuclear Safety, and two years as a branch chief in NMSS' Division of High-Level Waste Repository Safety. Ms. Bailey received a B.S. in Nuclear Engineering from the University of Maryland.

## Blamey, Alan

Alan Blamey serves as the Chief, Safety Branch in the Division of Fuel Facility Inspection. Mr. Blamey joined the NRC in September 1997 and held numerous positions, including Resident Inspector, Senior Operations Engineer, Senior Resident Inspector, Chief, Infrastructure Development for New Reactors and Chief, Fuel Facility Projects Branch 1. Mr. Blamey also served on and led the NRC's reactor safety team in Tokyo, Japan shortly after the Fukushima Dai-Ichi Accident occurred. Prior to joining the NRC, Mr. Blamey was a licensed senior reactor operator at Commonwealth Edison's Quad Cities Nuclear Power Station. Mr. Blamey is a 1984 graduate of the Pennsylvania State University, where he earned a Bachelor's Degree in Nuclear Engineering with a Minor in Mathematics. Currently, he serves as the co-chairman of the Alternative Energy Engineering Advisory Panel for the Pennsylvania State University Hazleton Campus.

## Camper, Larry W.

Mr. Camper is an experienced health physicist, radiation safety expert, environmental remediation expert and executive with 39 years of professional experience with various aspects of the nuclear industry within both the private and public sectors including: radiation safety; medical, research and academic uses; commercial uses; industrial uses; environmental assessment and management; low-level waste oversight; uranium recovery; decommissioning of reactors and complex material sites; spent fuel management and performance assessment. Mr. Camper has been very involved both nationally and internationally and increasingly has focused on the nexus between energy production and related environmental concerns as well as stakeholder outreach and coordination.



He is the Director of the Division of Decommissioning, Uranium Recovery, and Waste Programs in the Office of Nuclear Material Safety and Safeguards. Prior to assuming his current position, Mr. Camper served in several Senior Executive Service positions within the NRC including nine years as the Director of the Division of Waste Management and Environmental Protection Programs in what was formerly known as the Office of Federal and State Materials and Environmental Management Programs and two years as the Deputy Director of the Spent Fuel Project Office. Mr. Camper also serves as the U.S. Representative to the Waste Safety Standards Advisory Committee of the International Atomic Energy Agency, as the Chairman of the NRC NEPA Executive Steering Committee, as a member of the NRC Fuel Reprocessing Executive Steering Committee, as the NRC Agency Historic Preservation Officer, as a member of the Board of Directors and as a member of the Program Advisory Committee for the Waste Management Symposia.

Mr. Camper received a B.S. degree in Radiological Science and Administration and an M.S. degree in Business Administration both from George Washington University. Mr. Camper also completed graduate course work in applied health physics at Oak Ridge Associate Universities and he completed a graduate level Certificate in the National Environmental Policy Act from Duke University, co-sponsored by the Council on Environmental Quality. Mr. Camper completed a certificate in Strategic Management of Regulatory and Enforcement Agencies at Harvard University, John F. Kennedy School of Government, Executive Education. Mr. Camper also completed a certificate in Environmental Collaboration at the US Institute for Environmental Conflict Resolution.

Mr. Camper is certified by the Academy of Board Certified Environmental Professionals (ABCEP) with a specialty in environmental assessment and is a registered environmental professional (REP) as certified by the National Registry of Environmental Professionals. He is also certified by the American Academy of Project Management as a Certified International Project Manager (CIPM). Mr. Camper is a 2005 recipient of the Presidential Rank Award as a Meritorious Executive within the Senior Executive Service and is the 2010 recipient of the Richard S. Hodes, M.D. Honor Lecture Award provided by the Southeast Compact for outstanding leadership in the low-level waste industry. Mr. Camper also served (9 years) as the United States representative on the Waste Safety Standards Committee at the International Atomic Energy Agency.

## Crespo, Manuel

Manuel Crespo is currently the senior project fuel facility inspector for the Category III fuel fabricators (Westinghouse, AREVA, and Global Nuclear Fuels). Manuel Crespo joined the NRC in 2001 as a fuel facility inspector with a Bachelor's degree in Chemical Engineering from Georgia Tech. With more than 14 years of fuel facility experience, Manuel has a broad knowledge of NRC's fuel facility inspection program history and firsthand experience in the implementation of nearly all facets of NRC's inspection program, from routine inspection assessments to event evaluation and escalated enforcement.

## Delamotte, Anthony

Anthony Delamotte is presently a French assignee to the Office of Nuclear Material Safety and Safeguards of the U.S. NRC. During his time at the U.S. NRC, Anthony Delamotte also spent 18 months in the Office of Nuclear Regulatory Research collaborating on a wide variety of nuclear issues, and providing information from the French Nuclear Safety Authority (ASN) on their review of reactor designs and operating issues.

Beginning in 2002, Anthony Delamotte first worked at the French Atomic Energy Commission as a Health and Safety Officer and then, as a plant facility manager at the National Center for Scientific Research for the production of Medical Radioisotopes. Since 2009, Anthony Delamotte was a Senior Project Manager in the Caen Regional Office of The ASN and was responsible for the oversight of the AREVA NC La Hague reprocessing Plant. Anthony Delamotte also performed inspections for the front and back end facilities in France (FBFC, MELOX, Tricastin and Cadarache sites).

Anthony Delamotte has a Master in Engineering degree from the University of Joseph Fourier in Grenoble and Received professional engineering accreditation in France.

## Haney, Catherine

Catherine Haney serves as Director, Office of Nuclear Material Safety and Safeguards (NMSS). Ms. Haney joined the NRC in 1981 as a Health Physicist Intern in the former Office of Inspection and Enforcement. In 1983, she left government service for private industry and worked as a consultant at Health Physics Services Incorporated, supporting the medical and industrial community. In 1989, Ms. Haney returned to the NRC, Office of Nuclear Material Safety and Safeguards (NMSS) as a Quality Assurance Specialist, and later as a Senior Health Physicist.

In 2001, Ms. Haney entered the Senior Executive Service (SES) Federal Candidate Development Program, and after completing the program was appointed to and served in senior management positions in NMSS, the Office of Nuclear Security and Incident Response (NSIR), the Office of Nuclear Reactor Regulation and the Office of the Commission under Chairman Nils Diaz. In 2008, Ms. Haney was appointed as Deputy Director of NMSS, and became Office Director in May 2010.

Catherine Haney holds a B.S. degree in Radiological Technology from the University of Maryland and an M.S. degree in Radiological Science from Emory University.

## Hilton, Adam

Adam Hilton currently serves as the Fuel Manufacturing Operation (FMO) Plant Manager for Global Nuclear Fuel -Americas (GNF-A). GNF is a world-leading supplier of boiling water reactor fuel, including uranium dioxide and MOX fuel and fuel-related engineering services. Mr. Hilton has responsibility for all aspects of the fuel manufacturing operations including ownership and accountability for the NRC licenses. Mr. Hilton began his GE Career in 2005 and has held a variety of roles in Engineering and Operations. He began his career as a mechanical design engineer of control rod blades, and later moved into a manufacturing engineering role



where he was responsible for the Dry Conversion Process in FMO. He later moved into operational leadership roles, and was most recently the Operations Manager for Fuel Fabrication.

Mr. Hilton has a B.S. in Mechanical Engineering from NC State University, an M.S. in Mechanical Engineering from Georgia Institute of Technology, and an MBA from Duke University.

## Lesser, Mark S.

Mark S. Lesser began serving as the Director, Division of Fuel Facility Inspection in December 2014. Mr. Lesser joined the NRC in 1986 as a Resident Inspector at the Catawba Nuclear Station. Since that time, he has held a number of positions, including Senior Resident Inspector at the North Anna Power Station; and assignments in Region II as a Branch Chief in the Division of Reactor Projects, the Division of Nuclear Materials and Safety, the Division of Reactor Safety, and the Division of Construction Inspection. Mr. Lesser was appointed to the Senior Executive Service and selected as the Deputy Director, Division of Fuel Facility Inspection in 2012 and later as the Deputy Director, Division of Reactor Projects. Prior to joining the NRC, Mr. Lesser served for 7 years as a naval submarine officer and instructor in the U.S. Navy's Nuclear Power Program. He earned a bachelor's degree in Mechanical Engineering from the University of Florida.

## Link, Robert

Member of the NEI Fuel Operations Committee, Past Site Manager of The AREVA Richland Fuel Fabrication Facility, Past Manager of Environmental, Health, Safety and Licensing for the AREVA Richland site. Over forty years experience in the Power industry including executive roles in Wisconsin Electric's Point Beach Power Plant, as well as holding a Senior Reactor Operators license.

## Lombard, Mark

Mark Lombard has over 35 years' experience at more than 20 nuclear power plants and fuel cycle facilities in the U.S. and Europe in the areas of engineering, licensing, and security. In his current position, he oversees the NRC's regulatory, licensing, and inspection program for the storage of nuclear reactor spent fuel and the domestic and international transportation of radioactive materials. He manages safety and environmental reviews of commercial transportation cask designs under 10 CFR Part 71 and spent fuel storage cask designs and storage facilities under 10 CFR Part 72.

## Marenchin, Thomas

Mr. Marenchin joined the U.S. Nuclear Regulatory Commission (NRC) in 2006 as a nuclear criticality safety inspector in the Office of Nuclear Material Safety and Safeguards and was primarily responsible for the implementation of the nuclear criticality inspection program for the fuel cycle facilities. In his current position, Mr. Marenchin is responsible for evaluating and improving the effectiveness of enforcement program and coordination of the implementation of the NRC Enforcement Program between program offices and regions.

Prior to joining the NRC, Mr. Marenchin worked at Knolls Atomic Power Laboratory where he performed nuclear criticality analysis work for multiple reactor cores. Mr. Marenchin earned a Bachelor of Science and a Masters of Engineering in nuclear engineering from the Pennsylvania State University.

## McCree, Victor M.

Victor M. McCree was appointed as the Administrator of the U.S. Nuclear Regulatory Commission's Region II office in Atlanta, Georgia, on January 16, 2011. As Regional Administrator, McCree oversees a staff of more than 320 employees. Region II is responsible for regulating 33 operating commercial nuclear power plants in seven southeastern states, as well as all NRC-regulated nuclear fuel cycle facilities in the U.S. In addition, Region II is responsible for implementing the construction inspection program at all new nuclear power plants and fuel cycle facilities in the nation.

Mr. McCree joined the NRC in 1988 as an inspector in the Office of Nuclear Reactor Regulation. He held progressively more responsible positions in NRR and later in the offices of the Executive Director for Operations and former NRC Chairman Shirley Ann Jackson.

Assigned to Region II in 1998, Mr. McCree served as the Deputy Director and Director for both the Divisions of Reactor Safety and Reactor Projects. He became the Deputy Regional Administrator for Operations in 2006.

Mr. McCree, a native of Jackson, Miss., graduated from the U.S. Naval Academy in 1981 and holds an Executive Master of Business Administration degree from Georgia State University. Prior to joining the NRC, he was a nuclear qualified submarine officer in the U.S. Navy. He received the Presidential Meritorious Rank Award in 2007.

## Moore, Scott W.

Scott W. Moore serves as Deputy Director, Office of Nuclear Material Safety and Safeguards (NMSS). Mr. Moore joined the NRC in 1988 as a Health Physicist in NMSS. During his career with the NRC, he has held a number of progressively more responsible positions including Section Leader in the Division of Industrial and Medical Nuclear Safety and Division of Waste Management in NMSS; Chief, Rulemaking and Guidance Branch, NMSS; and Deputy Director, Division of Materials Safety and State Agreements, Office of Federal and State Materials and Environmental Management Programs (FSME). In 2007, Mr. Moore was appointed as Deputy Director, Office of International Programs. From November 2010 to March 2011, Mr. Moore served as the Acting Deputy Director of FSME, and from March 2011 to June 2011, he served as the Acting Director of FSME. Prior to joining the NRC, Mr. Moore served in the United States Army as a Radiation Safety Officer. Mr. Moore graduated from Cornell University with a Bachelor's degree in Applied and Engineering Physics and is a graduate of the NRC's Senior Executive Service Candidate Program.

## Moran, Bruce W.

Mr. Moran is a Senior Safeguards Analyst of the Material Control and Accounting Branch of NMSS/FCSE. He has almost 40 years of experience in domestic and international safeguards with experience at nuclear facilities (Oak Ridge K-25 and Y-12 Plants), Department of Energy, NRC, and the International Atomic Energy Agency. During



his career he has performed and developed uranium measurement techniques, managed analytical laboratory evaluation programs, developed and evaluated facility security and material control and accounting plans and guidance, facilitated IAEA safeguards at NRC- licensed facilities, developed and evaluated international safeguards approaches, and evaluated the effectiveness of international safeguards implementation. He has recently returned from a 7-year assignment in the IAEA's Department of Safeguards in Vienna, Austria.

## Murray, Scott

Mr. Murray began his GE career in 1979 as a Nuclear Safety Engineer at the Wilmington Fuel Fabrication facility. Since then he has managed the criticality and radiation safety functions, served as the Manager, UO<sub>2</sub> Production and Manager, Outage Services EHS supporting field services work for customer reactor outage projects, the worker concerns program, and loss prevention and control activities.

In July 2006, he began his current assignment. In this role, he is responsible for providing technical and strategic direction for GE Nuclear licensed activities and regulatory interfaces, including radioactive material license application and renewal submissions, amendments, and routine regulatory interfaces.

## Pritchett, Jim

Jim Pritchett is the Plant Manager and Nuclear Services Manager for Honeywell's Metropolis Works (MTW) Plant in Southern Illinois. MTW manufactures Uranium hexafluoride for the nuclear industry. MTW is an ISO-certified chemical plant operating under license from the Nuclear Regulatory Commission. Before joining Honeywell, Jim held leadership roles with The Goodyear Tire and Rubber Company and The Dow Chemical Company.

Jim earned a bachelor's degree in chemical engineering from the University of Tennessee at Knoxville and a master's degree in business administration (MBA) from the University of Tennessee at Martin.

## Rinker, Michael

Michael Rinker is a geochemist who graduated from the University of Western Ontario in Canada. He is currently the director of the Nuclear Processing Facilities Division at the Canadian Nuclear Safety Commission (CNSC). His division is responsible for regulating uranium fuel cycle facilities as well as facilities that process other nuclear substances for medical or industrial purposes. He was previously the director of the CNSC's Environmental Risk Assessment Division where he was responsible for ensuring protection of the public and the environment from nuclear and chemical releases from Canada's nuclear facilities. Before joining the CNSC Michael worked as a consultant specializing in the management of mine waste rock and tailings, as well as other waste management projects in Canada's nuclear industry.

## Sabisch, Andrew

Mr. Sabisch is the Licensing & ISA Manager at Nuclear Fuel Services located in Erwin, TN. He is a native of New York City, New York.

Mr. Sabisch's nuclear career started at the Three Mile Island Generating Station in Middletown, PA where he worked

in both the Operations department and the Unit 1 Recovery Group. He served as Shift Test Director in 1982 during hot functional testing conducted to support the restart of Unit 1 following the 1979 Unit 2 accident. Mr. Sabisch worked for Louisiana Power & Light from 1982 to 1984 as a Plant Engineering section manager supporting the construction and turnover of plant systems during startup of the Waterford 3 Steam Electric Station. In this role, he also was responsible for the development of the plant technical specifications and worked with the NSSS vendor, architect engineering firm and the NRC to obtain final approval to support license issuance. Mr. Sabisch worked for Public Service Electric & Gas at the Salem and Hope Creek Generating stations from 1984 to 1988 in the Operations, Start-up & Test and Licensing departments supporting restart of Salem following the ATWS event and initial startup of the Hope Creek 1 reactor. Mr. Sabisch worked for the Institute of Nuclear Power Operations (INPO) from 1988 to 2000 conducting plant inspections, technical assistance visits and event follow-up reviews at 42 U.S. reactor sites and 12 international sites. During this period, Mr. Sabisch served as the Refueling Coordinator at the Peach Bottom Atomic Power Station and team leader with WANO as a loaned employee while at INPO. Mr. Sabisch worked for Pennsylvania Power & Light Corporation at the Susquehanna Steam Electric Station from 2000 to 2002 as a Unit Supervisor in the Operations Department. Mr. Sabisch subsequently worked for the U.S. Nuclear Regulatory Commission (NRC) serving as a Senior Resident Inspector and reactive team leader in Region II. He joined Nuclear Fuel Services, Inc. in his current role after working in the Nuclear Oversight group at the Dresden Generating Station supporting several of Exelon's Midwest nuclear stations.

Mr. Sabisch received honorable discharges from the U.S. Navy and the Pennsylvania Army National Guard. He has a son that is employed in the music field and a daughter attending the College of Charleston with a focus on the arts in Charleston, SC.

## Satorius, Mark A.

Mr. Satorius was appointed the Executive Director for Operations of the NRC in August of 2013. He is the chief operating officer of the Commission, and is authorized and directed to discharge the operational and administrative functions necessary for the day-to-day operations of the agency.

Mr. Satorius joined the NRC in 1989, serving in Region IV as an Operating Licensing Examiner, and then as a Reactor Inspector and Senior Project Engineer. In 1994, he transferred to Headquarters as a Senior Enforcement Specialist in the Office of Enforcement (OE), and in 1996 was selected as Deputy Director, OE. In 1999, Mr. Satorius joined the staff of the Office of the Executive Director for Operations as a Senior Regional Coordinator, and later served as Chief, Regional Operations and Program Management Staff. From 2001 to 2003, he served as Chief, Performance Assessment Section, Office of Nuclear Reactor Regulation.

In 2003, Mr. Satorius was selected for the Senior Executive Service (SES) position of Deputy Director, Division of Reactor Projects, Region IV, and was later promoted to Director, Division of Nuclear Materials Safety, Region IV. In 2004, he transferred to Region III and served as Director, Division of Reactor Projects. In 2007, Mr. Satorius was appointed to the position of Deputy Regional Administrator, Region III and in 2009 became the Regional Administrator, Region III. In 2011, he was appointed Director, Office of Federal and State Materials and Environmental Management Programs.

Mr. Satorius graduated from the United States Naval Academy with a B.S. degree in Mechanical Engineering,



successfully completed training in the Navy's Nuclear Power Training Program, served as a nuclear-trained submarine officer, and attained formal certification from the Naval Reactor Program as a Nuclear Engineering Officer. Mr. Satorius continued his service as a Naval Reserve Officer and retired as a Captain.

After leaving active duty, Mr. Satorius managed his family's Illinois-based 1500 acre grain and livestock farming operation from 1980 to 1988. Before coming to the NRC, he spent a year as the COO of The White House, a start-up retail company that added three new retail locations, doubling the size of the company and tripling its gross income, during his year's tenure.

## Schlueter, Janet

Ms. Schlueter joined NEI in February 2008 and was promoted in 2010, 2014 and in January 2015 when her responsibilities expanded further. She is currently responsible for managing a wide variety of radiation protection issues at nuclear facilities, radioactive waste and environmental management, and regulatory issues unique to the front-end of the fuel supply, uranium recovery operations, and other materials licensees. Ms. Schlueter and her staff routinely coordinate with Federal, State and international agencies, as well as industry and professional organizations on radiation safety and regulatory issues of mutual interest.

Prior to joining NEI, Ms. Schlueter spent 19 years at NRC where she held increasingly responsible positions as a senior project manager, Technical Assistant to the Executive Director for Operations, Technical Assistant and Chief of Staff to the late Honorable Commissioner Edward McGaffigan, Jr., and Chief of Staff to NRC Chairman Nils Diaz. She was a member of the Senior Executive Service and managed the Yucca Mountain Program, the Office of State and Tribal Programs and the national byproduct materials safety and Agreement State programs prior to her departure from NRC in 2008.

Prior to joining NRC in 1989, Ms. Schlueter was a radiation safety and health physics consultant to various facilities which followed a career in radiology and radiation oncology. Ms. Schlueter graduated from the Medical College of Virginia of the Virginia Commonwealth University and the George Washington University with a Bachelors of Science in Radiation Sciences and Administration.

## Sexton, David E.

Dave Sexton has over 37 years of experience in the management, design, safety analysis, regulation, operation and licensing of nuclear facilities. As President and CEO, he is responsible for providing leadership and oversight of the URENCO USA (UUSA) centrifuge uranium enrichment facility in New Mexico. Dave has lead the construction, operations and engineering organizations and been the Chief Nuclear Officer during his tenure with UUSA.

Prior to joining UUSA, Dave was Vice President of the Kestrel Group, Inc. There he consulted for executive and senior management at numerous nuclear power stations and Department of Energy facilities and served in various line management positions.

Dave has B.S. degrees in electrical and nuclear engineering and a M.S. degree in nuclear engineering from U.C. Berkeley. He is a registered Professional Engineering in nuclear, mechanical and electrical engineering and a qualified commercial construction contractor.

## Sieracki, Diane

Diane Sieracki is the Senior Safety Culture Program Manager in the Office of Enforcement (OE) at the U.S. Nuclear Regulatory Commission (NRC). She functions as the lead (OE) for the safety culture efforts related to the external regulated communities, including all licensees and certificate holders.

Ms. Sieracki led the efforts for the development and publication of a Safety Culture Policy Statement (SCPS) applicable to all licensees, and continues to lead the efforts, in the Office of Enforcement, to continue dialogue and education with external stakeholders with respect to the SCPS based on Commission direction. She supports other NRC program offices by participating on SC assessment teams, such as through the 95003 process, and was significantly involved in the common language efforts with the reactor community. She is also involved in safety culture activities with other U.S. regulators and with international safety culture efforts with the International Atomic Energy Agency (IAEA).

Prior to joining the NRC, Ms. Sieracki had over 29 years of experience in the nuclear industry, most recently as the Fleet Manager of Employee Concerns for a large nuclear power company. She has a Master of Science Degree in Management and Organizational Behavior.

## Stapleton, Bernard

Mr. Stapleton has over 30 years' experience dealing with nuclear security and emergency response matters. He has worked as a regional physical security inspector for the Nuclear Regulatory Commission (NRC), private industry consultant working on security vulnerability analyses and classification issues for the Department of Energy's nuclear weapons facilities, and Corporate Security Manager for the United States Enrichment Corporation. His most recent assignments include Chief, Information Security Branch and Chief, Emergency Operations Branch. He is a graduate of the University of Maryland and Johns Hopkins University.

## Supko, Eileen M.

Ms. Supko is a Principal at Energy Resources International, Inc., a Washington, D.C. based consulting that specializes in nuclear fuel cycle market analyses. She provides consulting services associated with nuclear fuel management, nuclear waste management, and radioactive materials transport to electric power companies, foreign governments, industry organizations, private companies and private spent fuel management programs. Her areas of consulting include market analyses for all components of the nuclear fuel cycle, including uranium supply, conversion services, uranium enrichment services, fuel fabrication and spent fuel management.

## Vexler, Amir

Amir Vexler currently serves as the Chief Operating Officer for Global Nuclear Fuel-Americas (GNF-A). Mr. Vexler has over thirteen years of plant management experience. He managed GE-Hitachi Canada's fuel fabrication facilities in Canada as well GNF's fuel fabrication plant in Wilmington, NC. He has a BASc in Mechanical Engineering from the University of Toronto and an MBA from the Wilfrid Laurier University in Canada.



## Weber, Michael F.

On May 16, 2010, Michael Weber began serving as the Deputy Executive Director for Operations for Materials, Waste, Research, State, Tribal, and Compliance Programs at the U.S. Nuclear Regulatory Commission (NRC). In this capacity, Mr. Weber strategically leads the NRC staff in developing and implementing Commission policy decisions and regulatory programs. From March 2007 until May 2010, Mr. Weber served as the Director, Office of Nuclear Material Safety and Safeguards (NMSS). Mr. Weber joined the NRC in 1982 as a hydrogeologist in NMSS, where he held a number of progressively more responsible positions including: Chief, Regulatory Issues Section; Chief, Low-Level Waste and Decommissioning Projects Branch; Chief, Fuel Cycle Licensing Branch; Deputy Director, Division of Waste Management; Deputy Director and Director, Division of Fuel Cycle Safety and Safeguards. In 2002, he was appointed as the Deputy Director of the newly established Office of Nuclear Security and Incident Response (NSIR) following the terrorist attacks on 9-11-01. In 2006, Mr. Weber was appointed as the Deputy Director, Office of Nuclear Reactor Regulation (NRR).

Mr. Weber served as a Technical Assistant to former Chairman Ken Carr and as the Executive Assistant and Director of the Chairman's Office for former Chairman Shirley Ann Jackson. Mr. Weber is a graduate of the Senior Executive Service Candidate Development Program and the Office of Personnel Management's Executive Potential Program for Mid-Level Employees. He received the prestigious rank awards for Meritorious Executive from Presidents Clinton (2000) and Bush (2006). In 1996, he received the William A. Jump Meritorious Award for exemplary service in public administration. He also received NRC's Meritorious Service Award in 1993 for scientific excellence in protecting the environment. Mr. Weber received a B.S. degree in Geosciences from the Pennsylvania State University in 1982.

## List of Acronyms

ADAMS	Agencywide Document Access and Management System
AREVA	AREVA, Inc.
ASN	The French Nuclear Safety Authority
CFR	Code of Federal Regulations
CNSC	Canadian Nuclear Safety Commission
DFFI	Division of Fuel Facility Inspection
DOE	Department of Energy
DPC	Document Processing Center
DUWP	Division of Decommissioning, Uranium Recovery and Waste Programs
EDO	Office of the Executive Director for Operations
EPA	Environmental Protection Agency
FC	Fuel Cycle
FCSE	Division of Fuel Cycle Safety, Safeguards, and Environmental Review
FEMA	Federal Emergency Management Agency
FR	Federal Register
FRN	Federal Register Notice
GNF-A	Global Nuclear Fuel-Americas
HP	Health Physicist
ISA	Integrated Safety Analysis
MC&A	Material Control and Accountability
MD	Management Directive
ML	Accession Number for ADAMS
MTW	Honeywell Metropolis Works
NEI	Nuclear Energy Institute
NEPA	National Environmental Policy Act
NFS	Nuclear Fuel Services, Inc.
NMSS	Office of Nuclear Material Safety and Safeguards
NRC	U.S. Nuclear Regulatory Commission

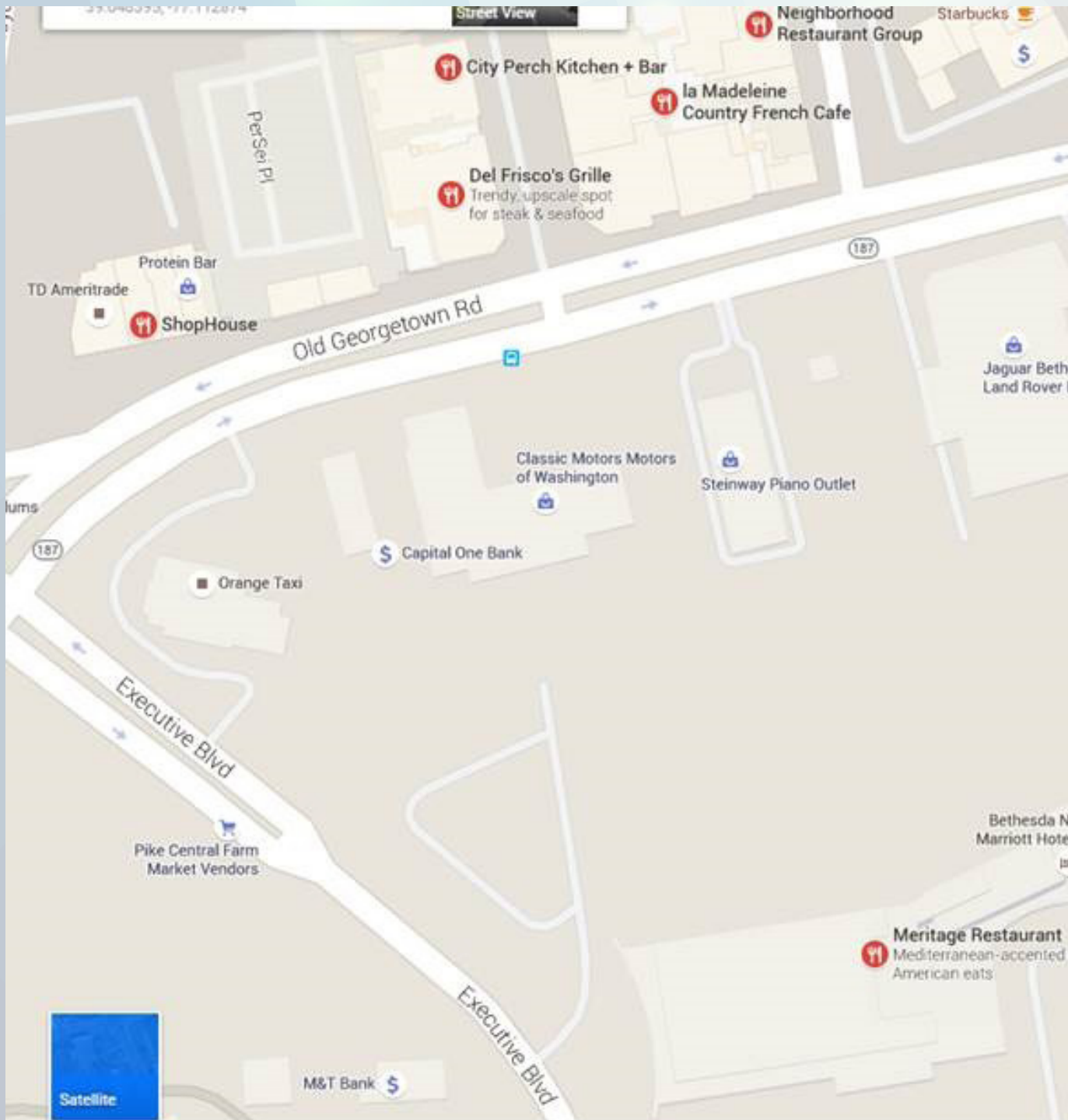
NSIR	Office of Nuclear Security and Incident Response
OE	Office of Enforcement
OGC	Office of the General Counsel
PDR	Public Document Room
PM	Project Manager
PRA	Probabilistic Risk Assessment
R I	Region I
R II	Region II
R III	Region III
R IV	Region IV
RAI	Request for Additional Information
SECY	Office of the Secretary
SER	Safety and Safeguards Evaluation Report
SNM	Special Nuclear Material
SUNSI	Sensitive Unclassified Non-Safeguards Information
TAC	Technical Assignment Control
TAR	Technical Assistance Request

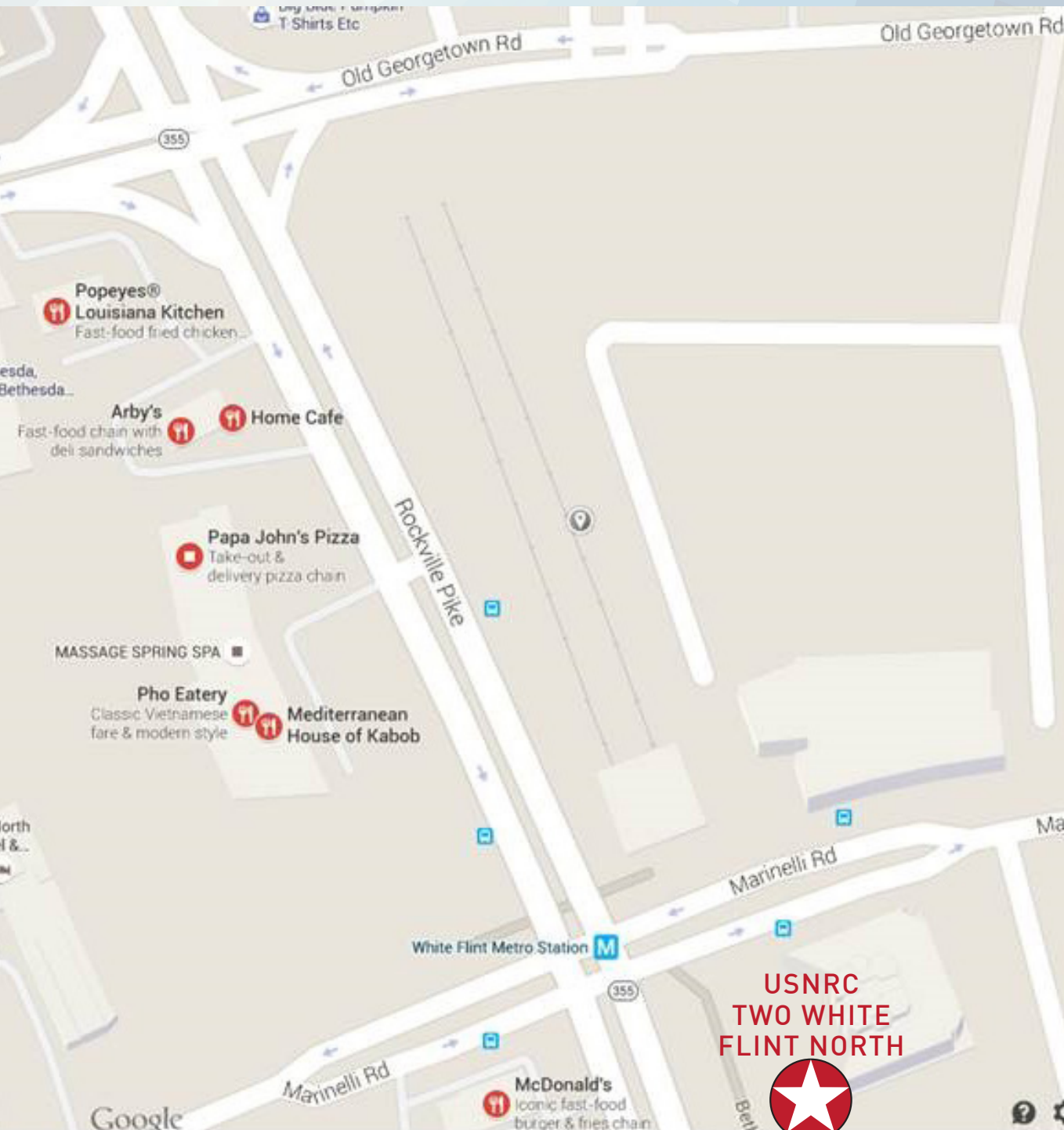


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## Nearby Places to Eat





# FCIX

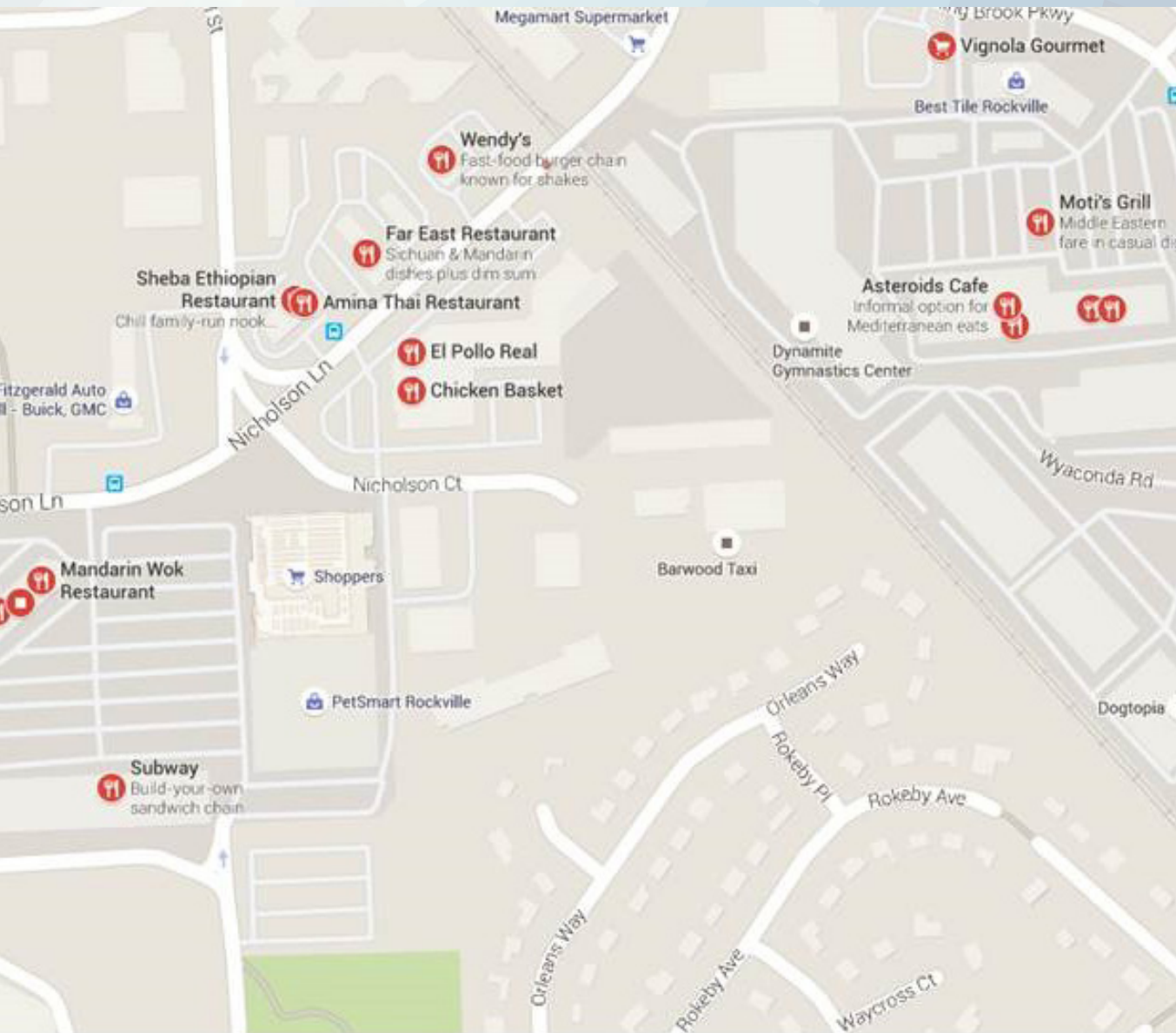
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## Nearby Places to Eat (continued)







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## Notes

This image shows a blank sheet of white paper with horizontal blue ruling lines. The background has a subtle, abstract geometric pattern in shades of light blue and lavender, which appears to be composed of overlapping planes or facets, giving it a three-dimensional feel. There are no markings, text, or illustrations on the page.



[illegible]

## Notes

This image shows a full-page view of a piece of white paper with horizontal blue lines, resembling notebook paper. The background has a subtle, artistic design consisting of overlapping translucent shapes in light blue, pale green, and soft red/pink tones. These shapes are arranged in a way that creates a sense of depth and movement, though they do not form a specific recognizable object. The overall aesthetic is clean and modern.

