



**B Reactor Museum Association
(BRMA)
2025 Annual Report**

Produced by: The Board of Directors of BRMA

This page Intentionally Left Blank

Sending a big thank you to all of our members and supporters. BRMA celebrated its 35th year as a non profit supporting the Manhattan Project National Historical Park (MAPR) at Hanford. 2025 has been a rollercoaster year for BRMA and the National Park Service as well as the MAPR tour program. The government shutdown in November brought a significant number of planned events to a screeching halt. The most significant was the postponement of the 10th anniversary celebration of the establishment of the park. Due to the shutdown the celebration had to be postponed until January 2026. A report of the celebration will be provided in the 2026 Annual Report.

BRMA was able to provide support to the National Park Service (NPS) in several ways during 2025. The best example of that was the creation of the “Atomic Explorations” presentations developed in cooperation with the NPS Hanford Site Manager for MAPR, Becky Burghardt. With Becky’s guidance and support a series of 6 presentations were developed and presented daily at the MAPR Visitor Center from Memorial Day through Labor day. All but one of the presenters were BRMA members and their efforts are greatly appreciated. More details about these presentations is provided later in this report. BRMA also provided support in the form of updating the Historic American Engineering Record (HAER) for the T-Plant facility at Hanford. Previously BRMA member Gene Weisskopf had drafted the HAER document for T-Plant in the early 2000’s but there were issues with the release of information contained within the original document. This past summer Robert Franklin completed the update of the document and it was submitted to Hanford contractors for review prior to publication. Once the document clears the Hanford review, it will be submitted to the NPS for review and publication.

As you will see in this document, BRMA took on some pretty aggressive goals for 2025. Several of them were completed as planned and others will be addressed in the coming months as 2026 goals. In my second term as President of this amazing association I am truly impressed by the membership and their support for BRMA’s continued goals to support both the National Park but also our community through various connections. To all who participate in our successes, I applaud and thank each one of you!

Dave Marsh
President BRMA

Table of Contents

2025 Proposed Association Goals	6
2025 Association Goals Status _____	7
Financial Statements _____	8
Statement of Financial Position _____	8
Statement of Comprehensive Income (Profits and Losses) _____	8
Statement of Changes in Equity _____	8
Our Team _____	8
BRMA Board of Directors Short Biography Summaries _____	9
President Dave Marsh _____	9
Vice President Robert Franklin _____	10
Secretary Charles Davis _____	10
Treasurer Liza Eschbach _____	11
Government/Community Relations David Reeploeg _____	11
Historian Burt Pierard _____	11
Products and Sales Rick Bond _____	11
Communications Bethany Close _____	12
Interpretive Projects Ben Johnson _____	13
Membership Bob Carosino _____	13
Del Ballard Founder Emeritus _____	14
Committee Status Reports _____	16
President's Update _____	16
Vice President's Update _____	16
Secretary Report _____	17
Government and Community Relations Report _____	17
Interpretive Projects Report _____	17
Membership Chair Report _____	18
Historian Chair Report _____	18
Products and Sales Report _____	19
Treasurer's Annual Report _____	21
Communications Annual Report _____	22
Tour Program Attendance & Public Impact 2025 _____	24

Founder Emeritus Annual Report _____	24
National Park Service Report for 2025 _____	26
Accomplishments _____	26
BRMA Public Meetings 2025 _____	29
January Public Meeting _____	29
February Public Meeting _____	30
March Public Meeting _____	30
April Public Meeting _____	31
May Public Meeting _____	31
June Public Meeting _____	31
July Public Meeting _____	32
August Public Meeting _____	32
September Public Meeting _____	33
October Public Meeting _____	33
November Public Meeting _____	34
December Public Meeting _____	34
Honorary Tribute to BRMA Board Members Lost in 2025 _____	35
Contact Information _____	Error! Bookmark not defined.
Organizational Information _____	36

2025 Proposed Association Goals

1. Work with NPS and DOE to celebrate the 10th anniversary of the establishment of the Manhattan Project National Historical Park.
2. Work with NPS/DOE/Tri-Cities National Park Committee to establish a number of MAPR Kiosks within the City of Richland and City of Pasco as appropriate reflecting significant events/locations associated with the Manhattan Project National Historical Park.
3. Support the establishment of a “Friends of the Park” group for the Hanford unit of the Manhattan Project National Historical Park.
4. Work with DOE/NPS/Lucas Engineering/CPCCO to enhance the Pre-Manhattan Historical Tour.
 - a. Initiate and complete the installation of “Window Screen Photos” for the White Bluffs Bank
 - b. Work with NPS and DOE to develop and produce a Poster showing the restoration process of the White Bluffs Bank.
5. Support the upgrades to the B Reactor during the roof repair contract and other associated projects in 2025.
6. Conduct at least 10 Public Meetings with relevant presenters to inform the public of BRMA goals and activities and increase the understanding of the Manhattan Project National Historical Park.
7. Complete an annual audit of the financial condition of BRMA assets.
8. Complete and publish an Annual Report of BRMA activities for 2024.
9. Update the following documents as deemed necessary in conjunction with DOE, NPS and The Washington History Project:
 - a. Manhattan Project B Reactor Hanford, Washington “World’s first full scale nuclear reactor” HNF-41115 Rev. 0 Published 5/2009
 - b. The Hanford B Reactor “It is GOING!!!” September 2004
 - c. B Reactor Museum Association “Lost In The Telling” *DuPont Company The Forgotten Producers of Plutonium*
10. Work with NPS and DOE to upgrade the signage at B Reactor for display items using the established format incorporated into the Health Physics exhibit within the Reactor and have in place by the reopening of B Reactor following refurbishment of the B Reactor.
11. Develop and publish as part of the 2025 Annual Report for BRMA a summary of the 80th Anniversary of the startup of B Reactor which was celebrated on October 16, 2024.
12. Complete the development and installation of “Way Finding” signs for the MAPR Visitor’s Center in conjunction with Benton County Highway Department (This may be delayed due to the termination of the current lease at 1000 Logston at the end of 2025).

2025 Association Goals Status

- Goal # 1: Planning occurred for the 10th Anniversary of the National Park up until the Government shutdown in November. The Tri-Cities National Park Committee, Visit Tri-Cities, DOE RL, and The REACH Museum collaborated to celebrate in mid November, however the U.S. Government Shutdown that occurred in early November required plans to be put on hold until early January of 2026.
- Goal # 2 BRMA intended to work with the NPS to upgrade and/or install new Kiosks in the Tri-City area introducing elements of the Manhattan Project. Due to the Government shutdown and hiring freeze on NPS, that work was postponed until 2026.
- Goal # 3 BRMA investigated the possibilities associated with establishment of a “Friends of The Park” organization in the Tri-Cities, but determined that at present this is beyond the scope of BRMA.
- Goal # 4 As stated in the previous goal summaries, this was not accomplished due to staffing shortages at NPS and technical difficulties with appropriate types of window dressings that could provide the intended display for the bank.
- Goal # 5 BRMA provided limited support for the preparations for the B Reactor roof repair as most of the prep work was completed by the Hanford History Project and Lucas Engineering.
- Goal # 6 BRMA conducted 11 public meetings during 2025 with a wide range of guest speakers. Please see details later in this report.
- Goal # 7 A financial audit was completed during 2024 as planned.
- Goal # 8 BRMA completed and published an annual report for 2024.
- Goal # 9 At the beginning of 2025, BRMA reviewed the subject documents and determined that it was not necessary to update these documents.
- Goal # 10 As stated in the response to goal # 1 above, progress on this subject was delayed until the B Reactor Roof Replacement project was completed.
- Goal # 11 A summary of the 80th Anniversary of the startup of B Reactor was included in the 2024 Annual Report for BRMA.
- Goal # 12 BRMA is still actively working with Benton County planning to fabricate and install the Way Finding signs for the MAPR Visitor Center.

Financial Statements

Statement of Financial Position

- BRMA is a 501.c.3 organization founded in 1990 with the goal of supporting protection and preservation of the B Reactor and other Manhattan Project sites at Hanford.
- BRMA does not have any liabilities outside of maintaining storage for the merchandise that is sold through several local outlets.
- BRMA is in good standing with respect to financial status. See the 2025 Financial Report later in this report.
- 2025 BRMA's financial future is rosy, especially with arrangements for the sale of merchandise through the **Xenophile Bibliopole** Book Store. Thanks also go to **The Octopus Garden** in Uptown Richland and to **Visit Tri-Cities** and The **REACH** museum who also provide sales opportunities for BRMA and NPS merchandise. (Please see the Products and Sales report in this Annual Report for details).

Statement of Comprehensive Income (Profits and Losses)

- BRMA's expenses involve the costs of storage of our merchandise, replenishment of souvenirs and sale articles, and normal office/business expenses.

Statement of Changes in Equity

- BRMA's equity consists primarily of the merchandise/souvenirs and the intellectual property held by its membership. BRMA also has small investments in Certificates of Deposit at local banks, which have been set aside for support for the B Reactor and NPS.

Our Team

BRMA is comprised of volunteers who truly have a heart for the Manhattan Project National Historical Park and specifically the Hanford leg of that park.

Meet our Board Members:

President	Dave Marsh
Vice President	Robert Franklin
Secretary	Charles David
Treasurer	Liza Eschbach
Historian	Burt Pierard
Community & Governmental Affairs	David Reeploeg
Communications Chair	Bethany Close
Interpretive Projects	Ben Johnson
Membership Chair	Bob Carosino
Products and Sales	Rick Bond

BRMA Board of Directors Short Biography Summaries

President Dave Marsh

Dave is a native of Richland, graduating from Columbia High School (now Richland High School) and attending Columbia Basin Junior College and Central Washington State University. Dave is a retired Hanford employee with over 50 years of Hanford experience in several different arenas. His career started in 1974 working in the Health Physics program as a Radiation Monitor. After completing his BA Degree, he served as manager in many different organizations including Radiological Engineering, Decontamination and Decommissioning, Corrective Action Management and Emergency Preparedness where he directed the Hanford Site Emergency Preparedness Program from 1995 to 1998.

Dave retired in 2004 and began working part-time as a trainer at the Hanford Training Center teaching Radiation Worker Safety, Root Cause Analysis and Corrective Action Management for 11 years. In 2014 Dave began his second career as a Docent for the Hanford B Reactor, and the Hanford Pre-Manhattan Historical tours as well as the Hanford Site Cleanup tours and continues in those roles today.

Dave spends his leisure time in his wood shop, traveling, spending time with kids and grandkids and great grand kids, quiet time with his wife of 45 years, and serving in his local church, and fishing.

Dave began his membership in BRMA in 2018 and as the Association Treasurer in 2019 and in 2024 became the BRMA President.

Vice President Robert Franklin

Robert Franklin is a public and academic historian who focuses on 20th Century US and World History broadly, the history of the Hanford Site specifically, with an additional background in archival science, historic preservation, and historic interpretation.

Since 2015 he has served as the archivist and collections manager for the Hanford Collection, an artifact and archive collection preserving the history of plutonium production at the Hanford Site and managed by Washington State University Tri-Cities for the Department of Energy.

Robert has co-authored and co-edited two books in the *Hanford Histories* series for WSU Press. He is also an expert historical tour guide of the Hanford Site and a past president and current vice president of the B Reactor Museum Association, a non-profit organization that supports the operation and interpretation of the Manhattan Project National Historical Park. Robert's current research projects include creating digital assets for the Manhattan Project National Historical Park and planning a series of podcasts highlighting the under-told narratives of the Manhattan Project at Hanford. Robert is also currently pursuing a PhD in History at Washington State University.

Secretary Charles Davis

Charles has served as the BRMA Secretary since 2019. Charles also serves on the Kadlec Hospital Auxiliary as the current Secretary for that organization. We are saddened that Charles is resigning his position as Board Secretary due to family demands. We will certainly miss him in 2026.

BRMA Makeup

BRMA is comprised of volunteers, many of which previously worked at the Hanford Site. This being the 81st year since the end of World War II, those individuals who worked during the early years of the Manhattan Project are no longer available to tell the stories of the early years. BRMA membership is made up of individuals with many other life experiences.

Treasurer Liza Eschbach

Liza Eschbach was raised in Richland and studied engineering at Washington State University. Her career in engineering included work at the Hanford site as well as other positions across the country. Liza recently became involved with BRMA after accompanying siblings on tours of the B Reactor. Liza has served as the association Treasurer for the past year and continues in that role into 2026. We are grateful for her expertise and contributions to the association in her short tenure as Treasurer. We are saddened that Liza will not continue in her role as Treasurer for 2026 due to her relocation out of the area.

Government/Community Relations David Reeploeg

David Reeploeg serves as Vice President for Federal Programs of the Tri-City Development Council (TRIDEC) and Executive Director of Hanford Communities.

Before assuming these duties, David spent over 12 years working for members of the Washington state congressional delegation, primarily in the offices of U.S. Senators Maria Cantwell and Patty Murray.

David is a native of the Tri-Cities, WA, and is a graduate of Hanford High School and the University of Washington.

Historian Burt Pierard

Burt is a 1959 graduate of Columbia High Scholl (later renamed as Richland High School) in Richland Washington. Burt has served as the Historian and Artifacts chairperson since 2004 and briefly served as the Membership Chairperson as well. Burt also produces the BRMA quarterly report known as the MODERATOR. Burt has contributed many historical articles over the years and continues as a very active member of the association board.

Products and Sales Rick Bond

Rick Bond is a retired hydrologist/environmental scientist whose career primarily focused on the remediation of hazardous waste sites. He was born in California, grew up on Long Island, New York, and has lived in Richland, WA since 1977. After graduating from Hobart College in 1971 with a degree in mathematics, he served four years in the U.S. Air Force as a missile launch control officer in Tucson, AZ – he held the key to launch a Titan II nuclear-tipped

The current BRMA Board of Directors have a total of 105 Years experience with this Non-Profit. Del has 36 yrs; Burt 22 yrs; Robert 9 yrs; Rick 8 yrs; Ben 7 yrs; Charles 7 yrs; Dave 6 yrs; Bob C. 6 yrs; Bethany 2 yrs; and Liza 2 yrs.

Additionally, the Board has over 280 years Hanford working experience and over 50 years in various other fields.

intercontinental ballistic missile. After the Air Force he completed a master's degree in Hydrology at the University of Arizona. Following graduate school, he accepted a position with Battelle Pacific Northwest Laboratory where he developed and applied groundwater flow and contaminant transport computer models to design remediation systems for hazardous waste sites. In 1985 Rick and several colleagues from Battelle joined ICF Kaiser Engineers so they could focus more on the hands-on aspects of waste site remediation rather than the theoretical/research aspects. During his 14 years with Kaiser Rick, served as project manager for several waste remediation projects for large corporations, primarily in California. In 1999, Rick joined the Washington State Department of Ecology where he served as Transition Project Manager for Hanford Site cleanup. At Ecology he also provided regulatory oversight for all private companies in Washington State that generate nuclear waste. Rick retired in 2015 and joined BRMA in 2016. With BRMA Rick manages the gift shop for the Manhattan Project National Historical Park (MAPR), Hanford B Reactor. Rick also serves as a docent for MAPR and as a volunteer for the National Park Service Richland unit. Rick spends his fun time boating and jet skiing on the Columbia River, biking, DJing, traveling/cruising, and spending quality time with his wife, his kids and with his two grandsons and identical twin granddaughters.

Communications Bethany Close

Bethany has served as Communications Chair of the B Reactor Museum Association since January 2025. Originally from southwest Washington, she grew up visiting the Tri-Cities to see extended family and developed a deep appreciation for the region before moving to Kennewick in 2021 with her husband and two young children. Shortly after arriving in the Tri-Cities, she became interested in the B Reactor and the broader Hanford story; through that work, she gained a deeper understanding of Hanford's history and impact, reshaping her perspective and sparking a passion for preserving these stories and sharing Hanford's legacy with the next generation. Bethany holds a bachelor's degree in marketing and brings a professional background in communications and marketing to her role.

Interpretive Projects Ben Johnson

Ben Johnson retired from the Pacific Northwest National Laboratory where he led interdisciplinary research programs in energy science, nuclear reactor safety and nuclear waste disposal, among others.

Earlier in his career he was for about 25 years involved with the earlier Graduate Center as an adjunct professor, and for a time before the days of full-time staff, the local coordinator of the chemical engineering program and member of the Advisory Board to the center, focused on instituting a totally on-site graduate program in Chemical Engineering.

In retirement, as a tour guide at the B-reactor, he became interested in the history of the Manhattan Project at Hanford and its inclusion in the new Manhattan Project National Historical Park and the rather-overlooked recognition of its great impact on the engineering development of nuclear power.

Other major interests in retirement have included getting refamiliarized with his younger days in India, as a child of missionary parents, by volunteering, with his wife Mary, at a school in the mountains of South India, formerly for children of missionaries, and now well considered nationally as the Kodaikanal International School, where he taught physics and math for a time and produced a "coffee table" book for the school's Centenary.

Membership Bob Carosino

Robert Carosino is a 1971 graduate of the University of Washington, Foster School of Business Administration. He graduated from the University of Washington School of Law in 1974, earning membership in the Order of the Coif. In September of 1974 he began his career at Hanford as an attorney for the Atomic Energy Commission. He subsequently became Assistant Chief Counsel, focusing upon environmental and contract law. In May 2008 he became Chief Counsel for both the Richland Operations Office and Office of River Protection of the Department of Energy (DOE) at Hanford. He retired in 2016, after almost 42 years of service to DOE and its predecessor agencies at Hanford.

During his career, Mr. Carosino also served as an Adjunct Lecturer at the Washington State University Tri-Cities campus, teaching Environmental Law and National Environmental Policy Act classes.

Who We Are

BRMA consists of many long-time members (1990 to present) who have and continue to volunteer their time and money and energy to support the long-term development of the MAPR Park and the associated facilities and history.

After his retirement he continued to be active in the activities of his parish church where he served on the Parish Council and as a Lector. He was the Lector Coordinator at the parish for over 30 years.

He also attended classes in Enology and Viticulture at WSU Tri-Cities Wine Center and has grown Bordeaux variety grapes and made estate wines. He has been a supporter of the B Reactor and Manhattan Project Historical National Park, serving as a BRMA Board of Directors member, and as a docent for the B Reactor tours.

As a current resident of Franklin County, he has been involved in efforts to maintain the agricultural heritage of the County, and to encourage responsible development of the Pasco area with appropriate development of parklands and opportunities for residents to access the Franklin County shoreline along the Colombia River, as farmlands are converted to residential and commercial use. The Board of Directors will miss Bob in 2026 as he is in the process of relocating to the West side of the state. Many thanks for his support over the past few years and his continued support until his position is replaced in 2026.

Del Ballard Founder Emeritus

Del Ballard is a retired Civil Engineer having spent his 42 year engineering and management career at the Hanford site, beginning in 1951 with the General Electric Co. Since his retirement in 1993 Del has dedicated his life to community service, and as a history buff of the Hanford site and the Manhattan Project. Del helped with the founding of the B Reactor Museum Association (BRMA) in 1990, and has continuously served on the board, including as secretary 5 yrs., president 2 yrs., and treasurer 15 years. He served as a tour guide and diligently supported preservation of the B Reactor. Community service including 20 years of volunteering with Habitat for Humanity building houses, and as an active member of the Richland Kiwanis Club. Professionally Del served as project engineer on numerous projects and facilities around Hanford site, including the Critical Mass Lab. in 200 East Area, the High Temperature Lattice Test Reactor in 300 Area, and test loops for the Engineering Test Reactor in Idaho Falls, and other

laboratory and research projects in various Hanford site areas. He managed two different engineering groups: the Hydraulic Core Mockup, developing design configurations for the Fast Flux Test Facility, and an operations group for startup of the FMEF (Fuels & Materials Exam Facility). Del is a graduate of Montana State College (now MSU), with a BS in Civil Engineering. He obtained his professional license in both Civil and Mechanical Engineering, is a Life Member of the American Society of Civil Engineers and has taken several graduate courses from WSU-TC and its predecessors. Del is proud of his established scholarship endowment funds at both MSU and WSU-TC.

BRMA is very grateful for the service of two long standing members: Maynard Plahuta and Del Ballard. Both have served many years on the BRMA Board of Directors and as such both have been designated as Founder Emeritus'. Their knowledge and perseverance are one of the major reasons the National Park Stands today.

Committee Status Reports

The updates provided here summarize the activities undertaken by BRMA over the past year as we look back on 2024, but also as we look forward to the future.

BRMA has been very successful in its original goals to preserve the B Reactor and now we look forward to supporting the NPS as they continue to tell the story of the Manhattan Project and its impact on the Tri-Cities, the state of Washington and our nation.

President's Update

Current Board Member: Dave Marsh

I am grateful for this Association and all that has been accomplished over the past 35 years. I am very grateful for several of our early/founding members and the legacy they have provided to me specifically. Members like: Hank Kosmata; Wanda Munn; Gene Weisskopf; Del Ballard; Maynard Plahuta; Michele Gerber; Norm Miller; Steve Buckingham; C.J. Mitchell; Terri Andre; John Fox; Robert Franklin and current members of the Board. I could not have taken on the role of President had it not been for those who have gone before me and for their continued support and encouragement. A heartfelt THANK YOU to all.

I look forward to what comes next. We continue to increase our membership slowly but surely and continue to look for ways to make our membership more enticing and valuable. As we celebrate the end of 2025, please continue to provide your input and questions as we look toward 2026 and support of the MAPR Park and the NPS and DOE in telling the Manhattan Project story into the future.

Vice President's Update

Current Vice President: Robert Franklin

As Vice President, I do not have much to contribute to the Annual Report. I've enjoyed the public meetings - we've had great speakers and I enjoyed the chance to present last February during Black History Month, and again on my study trip to Japan. The B Reactor shutdown is a challenge, but we've found a number of other projects to keep us busy. Overall, a solid and steady year.

BRMA is very grateful for Roberts' expertise and support of current and future directions for BRMA.

Secretary Report

Current Secretary: Charles Davis

Charles has served faithfully since 2019 as the BRMA Secretary providing meeting minutes for both the BRMA Board Meetings and the Public Meetings held each month. BRMA is very grateful for his participation and excellence in his role as BRMA Secretary. As 2025 came to an end, Charles notified the Board that he will step down as a Board member due to family demands.

Government and Community Relations Report

Current Board Member: David Reeploeg

David provides a very beneficial point of contact between BRMA and the Tri-City Development Council (TRIDEC). In that role as Vice President for Federal Programs David keeps BRMA and other National Park parties informed of legislative activities that impact the Tri-Cities, Hanford and the MAPR National Park. We are grateful to have David as a Board member of BRMA. His contacts with Washington State and Federal elected officials provide very useful information to BRMA and NPS.

Interpretive Projects Report

Current Board Member: Ben Johnson

The past year's activity in the area of Interpretive Projects continues to be the effort of getting the DuPont Story into a referenceable source (journal). We are not there yet. The current editor of the T and C Journal has indicated our submission must be **Revised and Resubmitted** - with a major revision - before it would be accepted. Ben continued to work with several Journal submittals, including the Project Management Institute which is now responsible for the Critical Path Scheduling methods developed at Hanford by the DuPont Corporation for the Manhattan Project. Ben's diligence and persistence this past year looked like it might pay off with a publication, but still no one has accepted the paper for publication. BRMA and Ben are very thankful for Rusty Miller of the Richland DOE office and his assistance to Ben in getting this story told and published. Respectfully submitted, Ben Johnson

Membership Chair Report

Current Board Member: Bob Carosino

BRMA continued to grow in members during 2025. The BRMA end of year 2025 membership count is 111 Individual Members & 3 Group Members (Xenophile, Bibliopole & Armorer Chronopolis; Atomic Heritage Foundation, and The REACH). These numbers include 29 LIFE members. Many members and friends contributed gift amounts in addition to their regular dues during 2025, which is very much appreciated by the association.

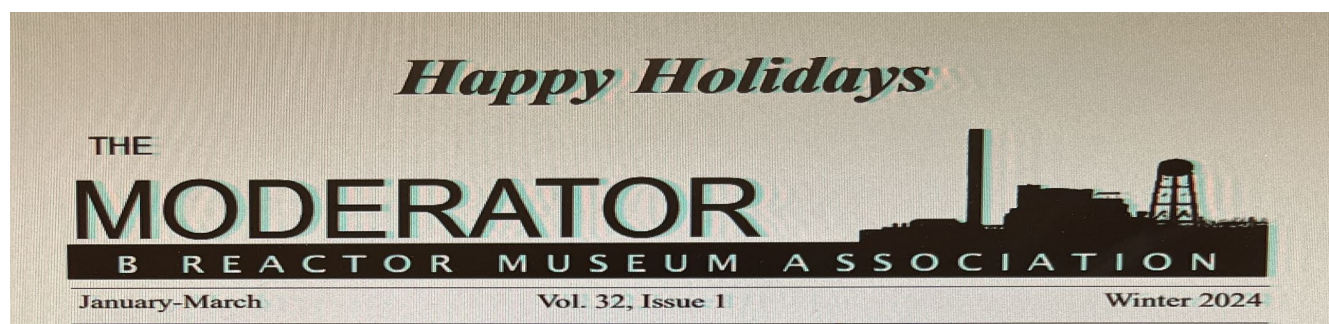
Historian Chair Report

Current Board Member: Burt Pierard

Burt Pierard first became a BRMA Board member in 2004 and served the past 20+ years as the Historian/Artifacts/Exhibits chairperson. In 2009, Burt took on a dual role serving both as the Board Historian and as the Membership Chairperson for BRMA. Burt is also the editor/publisher for the quarterly Newsletter called the Moderator, which is published in January (Winter), April (Spring), July (Summer) and October (Fall). Burt's historian role has served the board well. With his research and knowledge, he has written many articles for the Moderator and BRMA is grateful for his continued role as a very active member of the Board of Directors.

BRMA HISTORIAN

Historian Burt Pierard has served in this role since 2004 and also serves as the Editor and Publisher of the quarterly newsletter "The Moderator"



This is a copy of the header of the Moderator which Burt faithfully produces each quarter to keep our membership informed of BRMA activities. His efforts are greatly appreciated.

Products and Sales Report

Current Board Member: Rick Bond

The Products and Sales committee manage all aspects of the Manhattan Project National Historical Park (MAPR)/B Reactor Museum Association (BRMA) Gift Shop operation to include the development, ordering, and sale of products, tracking items sold, maintaining records of gift shop inventory and sales, developing ideas for new products, and negotiating agreements with retail outlets for additional sales opportunities.

Since May 2022 our BRMA/MAPR gift shop has been located at Xenophile Bibliopole & Armorer, Chronopolis (Xenophile Books) located at 2240 Robertson Drive, about two blocks away from the MAPR Visitor's Center. Xenophile Books is run by Steve Woolfolk and his business partner Brian Sheldon. They buy, sell, and trade books and collectible items of all types but they also have a strong interest, and a lot of knowledge, about the Manhattan Project and the Hanford area. They have an amazing number of books (over 20,000), games, posters, albums, toys, etc. They have the largest collection of science fiction books west of the Mississippi River. They also have a room/museum dedicated to the Manhattan Project and the Hanford area with many artifacts, letters, books, etc. Steve is a retired health physicist from the Hanford Site and Brian worked at Pacific Northwest National Laboratory (PNNL) and at one time owned a bookstore in the Uptown Shopping Center in Richland. Due to their local ties, Steve and Brian have a very strong interest in supporting our local national park.

Xenophile Books has given BRMA a space in their building to display our gift shop products. They display and sell our products, keep track of sales, collect and pay the state sales tax, and help us to maintain our inventory. They are doing this for a very small fee from total sales.

We currently sell about 25 different items in the gift shop to include patches, lapel pins, medallions, stickers, magnets, coffee mugs, books, book marks, national park passport books, coffee mugs, water bottles, tote bags, postcards, note cards, posters, graphite pucks, graphite dust, shutdown pellets, T shirts, caps, and B Reactor clocks (made with actual graphite and process tube sections that were made for use in the B Reactor). We also sell the National Park Service 2023 Annual Stamp Set which featured MAPR.

BRMA currently has an inventory of products valued at about \$20,000 and the cost of these products was about \$10,000. Of this inventory approximately \$7,000 consists of 2,000 copies of the book "A Guide to the Manhattan Project in Washington State" and the rest is fairly evenly distributed among all of our other products.

Sales at the gift shop in 2025 were about 44% of the previous year's sales as a result of there not being any B Reactor tours the entire season to allow for maintenance upgrades at the reactor. Shutting down the tours obviously translated into a lot less visitor traffic to the park and to our gift shop. Despite the large decrease in visitor traffic, the sales were much better than expected. The fact that we were still running the pre-Manhattan tours helped to bring

visitors into the gift shop. Total sales for 2025 were about \$14,800. Total take by BRMA was 95% of total sales or about \$14,000. Profits to BRMA after expenses were about 55%, or about \$8,200. Considering that our shop is not in the MAPR Visitor's Center but is located about two blocks away at Xenophile Books, many of our visitors did make the extra effort to drive or walk over to the shop, which we appreciate very much.

In addition to our gift shop BRMA also sold our products at The Octopus' Garden (located in Uptown Richland at 1327 George Washington Way), at Visit Tri-Cities Offices, (located at 7130 W. Grandridge Blvd., Suite B, Kennewick), and at The REACH Museum (located at 1943 Columbia Park Trail, Richland). We sold about \$3,200 at these three locations. These locations do not charge BRMA for their services but are happy to support the local national park. BRMA made a profit of about 30% on these sales or almost \$1,000.

Total for the year BRMA made a little under \$18,000 in sales of gift shop items and made a profit of approximately \$8,200.

Treasurer's Annual Report

Current Board Member: Liza Eschbach

BRMA ANNUAL FINANCIAL REPORT 1/1/2025 through 12/31/2025

CHECKING ACCOUNT by CATEGORY

INFLOW

DONATIONS	2025 Donations	\$ 925.00	
TOTAL DONATIONS			\$ 925.00

DUES

2025 Dues	\$ 585.00	
Lifetime Dues	\$ 250.00	
TOTAL DUES		\$ 835.00

SOUVENIR SALES

Octopus Garden	\$ 1,261.85	
Xenophile Bibliopole Bookstore	\$14,722.09	
REACH Museum	\$ 1,925.00	
Visit Tri-Cities	\$ 409.38	
TOTAL SOUVENIR SALES		\$18,318.32

MISCELLANEOUS

Refund	\$ 485.00	
TOTAL MISCELLANEOUS		\$ 485.00
TOTAL CHECKING INFLOW		\$20,563.32

SAVINGS/INVESTMENT ACCOUNTS

Dividends and Interest	\$ 3,571.93	
TOTAL SAVINGS/ INVESTMENT		\$ 3,571.93
TOTAL CHECKING and SAVINGS/INVESTMENTS		
INFLOW		\$24,135.25

CHECKING ACCOUNT OUTFLOW

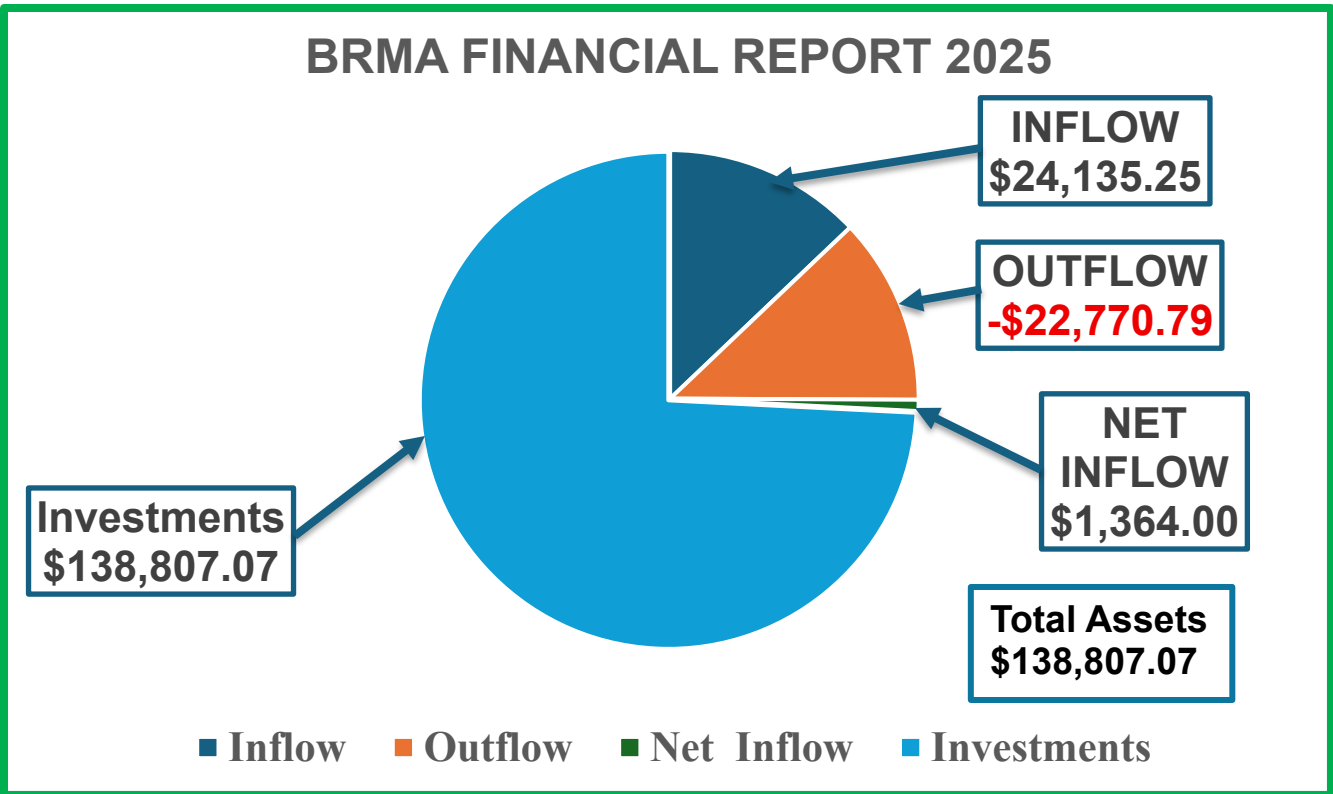
SOUVENIR SUPPORT OUTFLOW

Appreciation Gifts	-\$ 329.80	
Souvenir Re-Supply	-\$17,466.26	
Souvenir Storage	-\$ 1,080.00	
TOTAL SOUVENIR SUPPORT OUTFLOW		-\$18,876.06

MISCELLANEOUS OUTFLOW

BRMA Website Maintenance	-\$ 3,462.60	
P.O. Box 1531	-\$ 244.00	
Business Expenses	-\$ 188.13	
Transfer to Investment Accounts	-\$35,000.00	
TOTAL MISCELLANEOUS OUTFLOW		-\$38,894.73
TOTAL CHECKING OUTFLOWS		-\$57,770.79

CHECKING ACCOUNT BALANCE 12/31/2025	\$ 28,656.95
INVESTMENT ACCOUNTS BALANCE 12/31/2025	\$110,150.12
TOTAL ASSETS 12/31/2025	\$138,807.07



Note: The values in the Treasurer’s report do not reflect the value of the BRMA Souvenirs and sale items.

Communications Annual Report

Current Board Member: Bethany Close

2025 Presentations & Public Engagement Report

Throughout 2025, the B Reactor Museum Association (BRMA) continued its mission to educate the public on the history, science, and legacy of the Manhattan Project and Hanford Site through a robust schedule of public presentations. Despite the pausing of B Reactor tours for the year due to maintenance, BRMA successfully expanded its educational reach and support for the National Park Service (NPS) through monthly public lectures, Atomic Explorations presentations, and Pre-Manhattan tours, ensuring continued engagement with regional, national, and international audiences.

Monthly Public Presentations (Richland Public Library)

BRMA hosted a series of monthly public presentations covering a wide range of historical, scientific, and social topics connected to Hanford and the Manhattan Project.

Month	Presentation Title	Presenter(s)
January	NPS Update	Becky Burghardt
February	Black History in the Tri-Cities	Robert Franklin
March	Women of Hanford	Terri Andre & Megan Simpson
April	Pu Production at Hanford	Don Sorenson

May	Effects of Low-Level Radiation	Dr. Tony Brooks
June	Pu Separation/Chemical Conversion	Cal Delegard
July	Overview of South Pacific WWII Tour	Rick Raymond
August	New Day's Pay/Book Release	Steve Wolfolk & Don Sorenson
September	Contract Negotiations/Manhattan Proj.	Alan Rither
October	Educational Exchange with Japan	Robert Franklin
November	Cancelled	
December	BRMA Annual Review/Elections	Dave Marsh/Burt Pierard

Atomic Explorations – Special Presentation Series

In response to the pausing of B Reactor tours in 2025, BRMA partnered with the National Park Service (NPS) to develop Atomic Explorations, a special presentation series for Visitor Center guests.

Planning & Development

- BRMA met with Becky Burghardt in February and March to explore educational alternatives for visitors.
- Seven BRMA members stepped forward to develop and present one-hour educational programs, titled “Atomic Explorations”.
- These presentations were designed specifically to maintain visitor engagement and provide high-quality interpretive content during tour closures.

Special recognition is due to the BRMA members who made this initiative possible through their expertise, preparation, and willingness to step into a new format.

Atomic Explorations Presentations

- *From Creation to Detonation: The Story of Pu and the Manhattan Project* – Rick Raymond
- *B Reactor Virtual Tour* – Steve Faulk & Marty Zizzi
- *The Hanford Reach of the Columbia River and the Manhattan Project* – Marie Cobb
- *Was It Safe? Health Physics and the Manhattan Project* – Gene Carbaugh
- *What Did They Wear?* – Dave Marsh
- *Manhattan Project & Photography* – Rick Zimmerman (NPS Volunteer)
- *The Alphabet People and Early Richland* – Terri Andre

Discussions were underway to extend this model into the winter months; however, planning was impacted by a federal government shutdown in late 2025.

During the regularly scheduled monthly meetings, BRMA continued to provide topics of interest to our membership and the community. A list of presenters is shown at left and 2026 will be a very similar year in terms of presentations.

Tour Program Attendance & Public Impact 2025

As was the case in 2024, no B Reactor tours were conducted due to plans to replace the roof of the B Reactor and conduct other construction type activities at the reactor. The Pre-Manhattan tours were conducted this past spring and summer. Below is the record of tour visitors for Pre-Manhattan tours from May 2nd through September 1st, Labor Day.

<u>MONTH</u>	<u>VISITOR COUNT</u>
May	208
June	136
July	164
August	188
<u>September</u>	<u>151</u>
TOTALS	847

Atomic Explorations Attendance

<u>Month</u>	<u>Attendance</u>
--------------	-------------------

July	200
------	-----

August	210
--------	-----

September	47
-----------	----

Total	457 Attendees
--------------	----------------------

Presenter Leadership & Member Engagement

- 8 total presenters contributed to Atomic Explorations.
- 7 of the 8 presenters were BRMA members, demonstrating strong internal expertise and volunteer commitment.

BRMA Member Presenters:

Gene Carbaugh	Marty Zizzi	Rick Raymond	Steve Faulk
Marie Cobb	Dave Marsh	Terri Andre	

Founder Emeritus Annual Report

Current Board Member: Del Ballard

Del Ballard Founder Emeritus Annual Report 2024

My meaningful contribution to this marvelous organization continues to dwindle as the years fly by. I am anxiously contemplating the scheduled celebration of the 10th anniversary of the MAPR National Historic Park, and any personal contributions I can provide.

The passing of Wanda Munn in July, a highly recognized founding member of BRMA, was a sad occurrence for me. However, I was pleased and grateful that I was able to provide a short remembrance, in our Moderator, of Wanda for our membership.

As was promoted during BRMA decade's long battle in preserving the B Reactor, the Tri-Cities area is now experiencing the benefits of expanding tourism. It was my pleasure to attend the annual Visit Tri-Cities Tourism meeting with Dave to note that the B Reactor is listed as one of the grand attractions for our area.

National Park Service Report for 2025

From The NPS— Ranger Updates by Becky Burghart, MPHA
Hanford Site Manager

Accomplishments

NPS Report for 2025

The one constant in life is change. A lot of changes happened in the park in 2025. The NPS currently has four of the nine permanent positions vacant. Wendy Berhman, the park superintendent, retired on December 28, 2025 after a long and celebrated career with the NPS. Charles Beall, Superintendent of Klondike Goldrush NHP in Seattle, was the park acting superintendent for four months. Our regional office is moving forward to backfill the superintendent's position. Approval to fill Kalina's position as a GS-7/9 park ranger position subject to furlough was received. At the earliest this position will be filled in mid-to late June if hiring freezes are not implemented with the new administration starting in January. If any of the positions that are currently vacant are affected by a hiring freeze, then these positions could be vacant for a significant amount of time. The other park vacancies are the Los Alamos Site Manager and Los Alamos park ranger. We currently have two staff in acting positions at Los Alamos to keep things afloat in the short term. With the staffing limitations at Hanford, NPS significantly scaled down the number of community and education programs we attend and the number of ranger programs offered in 2025. NPS did not do any program planning for 2025 given the uncertainties around hiring. One bright spot for hiring is Tiffany Zadi started in mid-October as the park's first full-time visual information specialist. Tiffany manages park's website, app, and social media platforms. She led the implementation of the park's digital asset management program and served as the park-wide public information officer. We are very excited to have Tiffany working with the park and continuing to build the park's digital platforms. We reached nearly 1,000,000 people last year between the website and app (this does not include social media contacts). To put that into perspective,

BRMA is also grateful for the support provided by the National Park Service through the NPS Hanford Site Manager, Becky Burghart. BRMA has worked very closely with NPS to improve the tour program and enhance the visitor experience. We continue to provide Subject Matter Experts to the NPS as they strive to increase the experiences by the guests on the tours of B Reactor and the Pre-Manhattan sites.

85,000 people visited the park (this is data for all three units combined). Our digital platforms have a huge reach! Latino Outreach Intern Drew Gamboa finished up his internship in December. We are collaborating with the REACH Museum and Hanford History Project on the Migration to Community: Latino/as at Hanford and the Tri-Cities Exhibit that was on display at the REACH from February 4 through March 22.

The changes that happened in the park at the end of 2024 looked rather quaint compared to the rapid and chaotic change that has upended the quiet, boring, stable, predictable, and relatively functional federal government so far in 2025. A lot has changed but not much has actually changed at the park yet from my December updates, except we have even less staff. Staffing updates: Charles Beall, Superintendent of Klondike Goldrush NHP in Seattle, was the acting superintendent until the end of May. Amy Cole is now exercising the authority of MAPR superintendent indefinitely. President Trump signed a Hiring Freeze executive order on January 20 stopping all federal hiring actions. The path to filling this position is unclear. Nick Murray completed a 120-day detail as the acting Los Alamos Site Manager. He is now exercising the authority of the Los Alamos Site Manager. Nick is providing much needed stability for the Los Alamos Unit. The park ranger position at Los Alamos is vacant and is in a similar situation as the Hanford park ranger position.

Change is in the air. The crisp mornings must mean that summer is almost in our rearview mirror, and fall is on the horizon. In addition to seasonal change, September brings the close of another fiscal year for the federal government. This past fiscal year certainly had many unexpected happenings, but we managed to keep the bus on the road with the steadfast support of NPS volunteers. Park volunteers provided the Atomic Explorations and Messages of Peace programs, supported the Lights for Peace event, provided community and education outreach programs, supported administrative functions, contributed to the development of the park's digital asset management plan, and much more. Volunteer support makes a significant difference not only with Manhattan Project NHP but at parks around the country. Across the National Park Service in FY24, 138 thousand volunteers donated 3.7 million service hours with a combined estimated labor value of \$124.5 million. Those are impressive numbers and demonstrate just how important volunteer support is to national parks.

In August, about 250 people attended the Atomic Explorations programs. The last program for the season was offered on September 6. We offered Ride with a Ranger (with support from volunteers and partners!) on September 13. We also partnered with the REACH Museum (and park volunteers) and offered Hike Through Time on September 20, which was our last program for the summer. Typically, we would transition to education programs this time of

year, but we will not be doing many education outreach/STEAM nights this year due to staffing limitations. The Hanford Park Range position has been vacant for just about a year now, and there is no timeline for when the hiring freeze may be lifted so we can backfill that and other vacancies in the park. Good news on staffing updates: Amy Cole was selected as the permanent park superintendent in August. It is great to have Amy onboard providing steady leadership. Respectfully submitted, Becky Burghardt.

BRMA Public Meetings 2025

If you were able to attend one of our monthly public meetings this past year you would have been treated to a number of presentations covering everything from a report on a tour of Japan, a tour of the South Pacific, a discussion about low level radiation, almost all you every wanted to know about Pu production and cleanup, to history of the Hanford site.



During 2023 and most of 2024, BRMA hosted several presentations by BRMA Members and topics that are of interest to BRMA members at our monthly public meetings at the Richland Library.

During 2025, BRMA attempted to conduct a public meeting each month with a specific topic/presenter associated with the Manhattan Project history. We were able to schedule and conduct 10 meetings of such nature during 2025 and look forward to new opportunities in 2026.

January Public Meeting

The year began with an update of the National Park Service by Becky Burghart, the NPS Hanford Site Manager. Becky provided an update on plans for 2025 with hopes of filling open positions and being able to increase the NPS presence in the Tri-Cities.

The meeting was very well attended and we appreciate Becky's sharing with our association and membership.

February Public Meeting

February was Black History Month and BRMA celebrated that event by having our Vice President, Robert Franklin, provide a discussion of Black History in the Tri-Cities surrounding the Hanford Project and the construction era and early Hanford operations. The meeting was attended and supported by the African American Community Cultural & Educational Society (AACCES) of the Tri-Cities with many of their members attending the presentation. BRMA is honored to be able to support local organizations such as AACCES and it's work in our community to preserve the history of early residents of the Tri-Cities.

March Public Meeting



The March public BRMA meeting provided an opportunity for a presentation of "The Hanford Girl, Vibrant, Vivacious and Vital", by BRMA members Terri Andre and Megan Simpson. Terri and Megan have teamed up to provide this and like presentations all over the Tri-City area to many women's organizations and professional groups over the past two years. They will continue their presentations into 2026 with another presentation by Megan on

the women of Hanford at the Richland Library. Their presentation and interest in this topic has kept them busy providing additional presentations throughout the year. BRMA is very grateful that they chose to use our public meeting to provide such an interesting and popular topic to our members and attendees. The presentation in March had over 125 people attend their presentation.

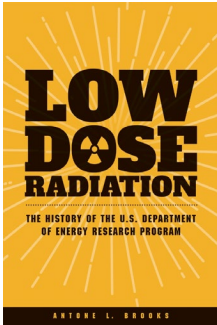
Megan and Terri would like to thank the families that have shared their stories, the venues for hosting the program, the volunteers and staff of the Manhattan Project National Historical Park for their support, and the other volunteers from BRMA that assisted with the logistical details.

April Public Meeting



April's public meeting provided a presentation by BRMA member Don Sorenson. Don's presentation as always provided lots of stories about early operation of the T-Plant, and the Plutonium Finishing Plant (Z-Plant) at Hanford. The meeting was well attended with many questions directed at Don, who loves to tell stories of early Hanford operations and activities. BRMA is proud to have Don as a member and benefit from his vast knowledge of Hanford site and specifically separations activities and Pu processing.

May Public Meeting



Dr, Tony Brooks provided a second presentation on the effects of Low-Level Radiation. Tony previously presented on this topic in 2024. Again, his presentation was well attended and provided some very interesting insight into the study of the effects of Low-Level Radiation and the Human body. Tony is a native of southern Utah and as such affected by fallout of the nuclear tests conducted in Nevada in his early years. Tony as always provided an update to his previous presentation and additional data that has been collected on the subject. We felt very fortunate to host Tony and we hope he will continue to provide this valuable information in the years to come.

June Public Meeting



Cal Delegard

Bachelor of Science ·

Cal Delegard is a recognized expert in nuclear chemical separations, particularly in the history and development of precipitation and crystallization processes for reprocessing plutonium and other transuranium elements.

He has extensively documented the evolution of these chemical separation techniques, particularly from the Manhattan Project era to modern waste treatment. In June Cal provided a very thorough discussion about the comparison of Chemical separation activities associated

with the Manhattan Project and that of the former Soviet Union. BRMA was honored to have Cal's presentation and describe his research into this topic surrounding World War II era and the Cold War era of the chemical processing activities. We regret that Mr. Delegard passed away in early 2026.

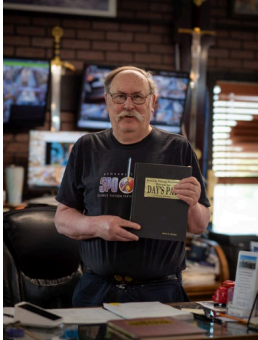
July Public Meeting



The public meeting in July featured BRMA member Rick Raymond and an overview of a World War II history tour. Rick provided slides and stories associated with WW-II sites in the South and Western Pacific such as Pearl Harbor, Okinawa, and other well known locations. He was fortunate to be able to visit these sites and learn from historians who presented stories and facts about each location. We are

grateful for Rick's sharing of his trip and sure that many of the stories he told at our July meeting hit home with some of our members and visitors in the audience.

August Public Meeting



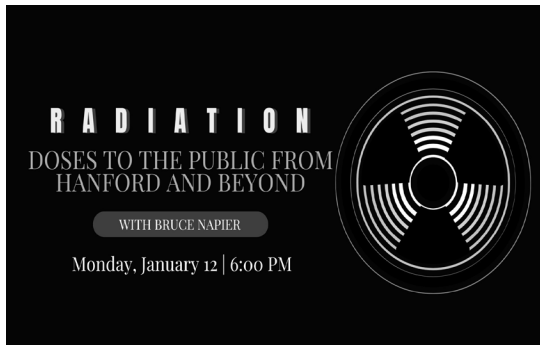
Steve Wolfolk and business partner Brian presented the recently revised "Day's Pay" book and provided an overview of the changes and newly discovered history associated with the aircraft purchased by Hanford Employees in 1945.

September Public Meeting



The program in September was presented by Alan Rither a former Attorney for the Pacific Northwest National Laboratory (PNNL). Alan discussed the Hanford Cleanup Mission and regional impacts of the cleanup programs.

October Public Meeting



Dr.



Bruce Napier presented an historical overview of radiation doses to the public from Hanford and Beyond. The presentation was very well attended with many former Hanford Employees in attendance with some very interesting discussions following the presentation. Thank you Bruce.

November Public Meeting



Robert Franklin (BRMA Vice President) provided a presentation on his educational trip to Japan in August of this year. Robert is part of a student exchange program between Washington State University and the Japanese Student Training and Research Season (STARS) program.



December Public Meeting

The By-Laws of BRMA require elections on an annual basis to be conducted during the month of December. There were three open positions to be filled: Treasurer, Secretary and a Membership Chairperson. None of the positions received any nominations for filling the positions with the exception of the Treasurer's position. A new member stepped up to take on the role of Treasurer at a later date in 2026. Following the elections, President Dave Marsh provided an overview of BRMA involvement and interactions with NPS and DOE and an overview of some of the project activities that BRMA participated in during 2025.

Honorary Tribute to BRMA Board Members Lost in 2025

The passing of Wanda Munn, on July 16, 2025, comes with profound remorse and sadness for all that knew her and especially for members of the B Reactor Museum Association.

Wanda was one of the founding members of BRMA (member No. 1, Jan. 14, 1991) and as an early lady nuclear engineer was widely recognized and honored for her professional contributions as well

as being a very strong advocate for the broad use of nuclear technology and especially for use in generating electrical power.

Wanda organized, in cooperation with the DOE and BRMA, a grand event to recognize the 50th anniversary of B Reactor start up. She was a very active member of the American Nuclear Society and lead the efforts, along with BRMA, to produce the large granite stone that was sculptured by Jim Acord and now holds the bronze plaques that recognize engineering landmarks by three of the nation's most prominent technical societies; the American Society of Mechanical Engineers, the American Nuclear Society, and American Society of Civil Engineers.

Wanda led the campaign whereby the ANS recognized the B Reactor as a Nuclear Historical Landmark. That stone with now four awards, including the preliminary National Landmark plaque, resides at the main entry door of the B Reactor, greeting visitors from far and wide.

Wanda was a decades long supporter and contributor for many of the BRMA projects and activities and will be seriously missed by our organization and her many friends.



The picture (above) shows Wanda proudly displaying the ANS plaque along with the one from the ASME at the event held in part at the reactor. Here David Rossin, President of the ANS, had just presented plaque to the DOE representative. The picture below (right) was provided by the Hanford History Project archives and is courtesy of DOE.

BRMA BOARD OF DIRECTORS

	Dave Marsh President		Charles Davis Secretary
	Robert Franklin Vice President		Maynard Plahuta Government/Community Relations
	Burt Pierard Historian		Ben Johnson Interpretive Projects
	Bob Carosino Membership		Liza Eschbach Treasurer
	Rick Bond Products/Sales		C. Mark Smith Communications
	Del Ballard Founder Emeritus		

Organizational Information

B Reactor Museum Association [BRMA]

P.O. Box 1531
 Richland, Washington 99352
 Email: b-reactor
 Website: <https://b-reactor.org>

