

**American Nuclear Society  
Carlsbad, New Mexico, Local Section  
June 19, 2012**

This meeting was held as a membership dinner function and opportunity to vote on new board members.

**Outgoing Attending Board Member**

Bill Weston, Chair  
Chris Chancellor, Vice Chair  
Beverly (Bev) Crawford, Secretary  
Jean Francois (Jef) Lucchini, Treasurer  
Candice Jierree, Public Relation

Several members were in attendance.

Members gathered at 6:30 PM at the Carlsbad Environmental Monitoring and Research Center (CEMRC) . At approximately 7:00 Bill Weston introduced the outgoing board members. He then reported on the accomplishments of the Carlsbad ANS for the past year. In the past year, the community was invited to the 50<sup>th</sup> Anniversary of the Gnome Project presentation, presentations on the Manhattan Project and others, a website was established for the section that can be found at CarlsbadANS.org. The board focused on community outreach and were involved in the Nuclear Fuel Cycle Summit that was held here in Carlsbad. We also provided a scholarship to one of four young women with outstanding applications. Selection of the recipient of the Carlsbad ANS scholarship was difficult because the applicants were so outstanding in scholarship and talent.

Bill then took nominations and tallied votes for incoming board members. The following Board Members were unanimously selected:

Chris Chancellor, Chairperson  
Russell Hardy, Vice Chairperson  
Beverly Crawford, Secretary  
Jef Lucchini, Treasurer  
Candice Jierree, Public Relations

A documentary film on France was then viewed by the members before adjourning. .

Respectfully submitted: Beverly A. Crawford

**American Nuclear Society  
Carlsbad, New Mexico, Local Section  
August 23, 2012**

This meeting was held as a first for the new board.

**Attendees:**

Chris Chancellor, Chair  
Russell Hardy, Vice Chair  
Adrienne Chancellor, Member  
Ernie Endes, Member

Members gathered at 6:00 PM at the Carlsbad Environmental Monitoring and Research Center (CEMRC).

Regarding guest speakers:

Chris Chancellor noted that he has not heard back from Roger Nelson regarding a possible talk, but we have Marvin Herndon scheduled for September 13<sup>th</sup> and Jagam Pillalamari scheduled for October 15<sup>th</sup>. Chris encouraged everyone in the room to offer a speaker if they had someone in mind.

ANS Carlsbad funding outlook:

Filling in for the treasurer, Chris noted the organization had roughly \$9,500 available and that only up to \$10 per member (\$550) could be expected to be added per year. Last year the full amount of dues was not collected from every member. Chris brought up the question of whether ANS can continue the scholarship if it continues to hemorrhage money. Russell agreed with Chris that the answer to this should come from the membership.

ANS Outreach:

Chris asked about the status of the Boy Scout Nuclear Merit Badge. Russell noted he had the contact information for Matthew Cork – who apparently occupies the District office. All in attendance agreed that it would be a positive outreach to get a few ANS members certified as Nuclear Merit Badge councilors. Adrienne Chancellor noted that ANS Carlsbad meetings and lectures should be posted in the paper and offered her assistance.

ANS Scholarship:

Chris noted should the membership wish to continue the scholarship the criteria should be voted on and a selection committee should be formed. He proposed putting the criteria to the membership in an email that also queries the interest in continuing the scholarship.

Current Issues:

Chris noted we could use a speaker for November. The attendees had no issues to put forward at this time.

The meeting ended promptly at 6:30 PM.

Respectfully submitted: Christopher Chancellor

**American Nuclear Society  
Carlsbad, New Mexico, Local Section  
September 19, 2012**

Chris opened the meeting at 6:10 PM at the Carlsbad Environmental Monitoring and Research Center (CEMRC).

**Outgoing Attending Board Member**

Chris Chancellor, Chair  
Russell Hardy, Vice Chair  
Beverly (Bev) Crawford, Secretary  
Jean Francois (Jef) Lucchini, Treasurer  
Candice Jierree, Public Relation  
Robyn Hayes, Member  
Tim Hayes, Member

The minutes from the July 23<sup>rd</sup> meeting were distributed and read by those present. There was one change to the minutes.

The Treasurer's report was distributed and showed a balance of \$9,494.10. Twenty dollars in dues was also collected at the meeting from members who had not paid dues yet for the year.

Jef mentioned that he sent out the annual financial report to the board members. Bill should be sending the Carlsbad ANS Annual Report in to ANS National and copying the board members on what he sends.

**Action Item 1** – Bev said she would contact Bill to see if he has finished the Annual Report and get a copy for the board members.

There are a few members who still have not paid dues.

**Action Item 2** – Jef will send out a request for members who have not paid their dues for this year to do so.

**ANS Carlsbad Scholarship**

Bev distributed the scholarship survey results. Chris asked if we desired to treat the scholarship as a separate fund from regular operational funds. This fund would allow members to contribute to the scholarship and would be reported in the minutes as a separate balance. The adoption of the separate fund was voted on and accepted with discussion.

Candice asked about the possibility of fund raising for the scholarship. In addition, there should be a presentation to raise awareness of the scholarship fund for the membership. The possibility of limited funds coming into the scholarship fund was also discussed. The board agreed that it was possible to fund the scholarship fund from general funds if no contributions were made during the year by way of a voting an allocation.

Tim Hayes suggested that an announcement be made to the membership attending talks to make everyone aware of the fund. Chris mentioned that we might advertise the scholarship on the web page.

**Action Item 3** – Candice will put an advertisement on the web page for the scholarship fund.

The advertisement for the scholarship will show no funds at this time.

Candice mentioned that the fund if administered by the Carlsbad ANS would not be tax deductible. Russell mentioned that the Carlsbad Foundation can be set up to be the broker for the fund and therefore, it would be tax deductible. Chris suggested we would handle the funds directly and it was agreed to by the officers.

Eight members offered to be on the selection committee for the scholarship. The following members volunteered from the survey:

Tim Hayes  
Robyn Hayes  
Bev Crawford  
Jef Lucchini  
Candice Jierre  
Brian Dozier  
Victoria Parker  
Jerri McTaggart

The board discussed the results from membership on the scholarship selection criteria and voted on including the following criteria:

An essay concerning interest in the nuclear field  
Demonstrated interest in a nuclear field  
Intent or interest in pursuing a nuclear career.  
Demonstrated interest in science/engineering  
The scholarship should be open to high school and secondary school students (open to NMSU-Carlsbad students)  
Candidates must be a current resident of Eddy or Lea county or have recently graduated from a school in these counties

The board and members present voted to remove the following from the selection criteria:

Ambition

GPA (other than a minimum as shown below)

Financial Aid

A move was made and approved to give preference to students who are ANS members and to require a minimum GPA of 3.0 for the application.

The board also voted to include proof of college acceptance as part of the release of funds.

The application for the ANS Carlsbad scholarship must be modified and Candice took the action to do so.

**Action Item 4** – Candice will modify the application and send it to the board for approval.

#### **Survey Concerning the Use of ANS Carlsbad Funds**

Chris will be sending out a new email to the membership concerning how funds should be used. Included in this survey will be an inquiry about approaching URS, Sandia National Laboratories and Los Alamos National Laboratory for support.

**Action Item 5** – Chris will send out a second survey to the membership and Bev will collect input for discussion at the next board meeting.

Jef mentioned that we should also consider hosting another topical meeting as a way to generate funds. The last topical meeting held in Carlsbad provided sufficient operating funds. The board discussed the possibility of doing this in about 2 years as it takes quite a bit of planning. Chris will include an inquiry to membership concerning the possibility of hosting a topical meeting to see who might be interested. Candice mentioned that early planning includes getting enough assistance in the area of technical program and logistical arrangements. ANS national will provide instructions on how to host a topical meeting and obtain the sponsors and technical people to commit to the program.

The next meeting will be held at the Main St. LANL offices on Wednesday November 14<sup>th</sup> at 6:00 PM.

Respectfully submitted: Beverly A. Crawford

**American Nuclear Society  
Carlsbad, New Mexico, Local Section  
November 14, 2012**

Chris opened the meeting at 6:05 PM at the Los Alamos National Laboratory Carlsbad Field Office.

**Attending Members**

Chris Chancellor, Chair  
Russell Hardy, Vice Chair  
Jean Francois (Jef) Lucchini, Treasurer, Scholarship, Topical meeting  
Candice Jierree, Public Relation  
Norbert Rempe, Member

**Treasurer's Report / Membership**

The Treasurer's report was distributed and showed a balance of \$9,784.10. Jef will provide the additional income/expenditures since July to the officers that were not present by sending out the handout. Chris noted that Jim Luginbyhl has left the region for another job and should be removed from the membership list. Norbert noted that Vernon Asbill should be removed from the membership list because he too has left the area. Jef has removed non-paying members from the roles. We currently have 39 paying members.

Candice Jierree moved and Chris Chancellor seconded motion to approve the financial and membership reports. The motion carried.

**Action Items Awaiting Implementation**

Chris still needs to contact Bob Kerman of the Boy Scouts of America regarding the nuclear merit badge.

Candice advises announcing the scholarship before January by contacting Carroll Parr and other teachers at the local high schools.

**Results of the Survey**

Beverly's summary of the survey results were discussed in detail. Discussion was broken up into her topic headers.

***Questions Regarding Food at Meetings and Support of "Special Case" and Out-of-town Speakers***

Food seems to be a somewhat contentious issue. Almost half of the respondents didn't see a need for food at the lectures. There was concern regarding waste. Candice recommended a potluck-style spread. Russell and Chris like the pizza as is. The membership, off the survey, seemed to be in favor of continued food at the meetings.

The board agrees with the membership that the cost of paying for travel expenses of out-of-town speakers creates a limit on how many of these guests we may entertain. It was agreed that no more than four a year, without distinction regarding the lecturer's background, will be desirable.

Norbert suggested that the phrasing should be clarified to focus on support of lecturers. Many out-of-town lecturers come to the WIPP on their own program money and cost the Carlsbad ANS nothing. The board recognizes that there is no need to limit self-supporting lecturers.

Candice indicated that food other than pizza can be provided such as finger food, fruit or vegetable plates or even a potluck sponsored by the board.

***Questions Regarding Sponsorship from One/several WIPP Participants (LANL, SNL, URS etc.)***

Candice suggested using the Topical meeting to promote sponsorship. The board agreed that sponsorship without an advertisable event is unlikely. It was also suggested that potential sponsors should be approached when a major speaker is to be present at an ANS Carlsbad event.

***Questions Regarding Website Awareness and Usefulness***

It was agreed the website was useful; however, it was noted by Candice that the National ANS website did not link to us thereby denying us an easy route to advertise our existence. Chris volunteered to contact ANS National to remedy the issue.

***Questions Regarding a Topical Meeting in the Future as a Way to Increase Funds***

Jef has been assigned as Topical Meeting Chair. He will make decisions regarding the direction of the Topical Meeting. Robert Hayes is currently prospecting collaboration with ANS National and will keep Jef up to date on a potential Topical Meeting to be held in 2016.

Candice believes momentum will grow regarding the Topical Meeting as things become better defined. Candice also advises teaming up with the Health Physics Society in order to get more meeting participation.



The Pecos River Village is estimated to rent for \$1,000/day. Norbert noted that the results of the national presidential election terminates any chance of re-opening Yucca Mountain, which should drive intense interest of the WIPP community.

## **News**

Jef Lucchini will be teaching a basic nuclear chemistry course next year at the New Mexico State University, Carlsbad campus next Spring: CHEM 25, Special Topics: Nuclear Chemistry Fundamentals ( 2 credits – no prerequisites – Wednesdays, 7-8:40pm). This course is designed to provide a basic knowledge on radioactivity, radiation, nuclear reactions, radioactive elements, and nuclear technology applications. Specific emphasizes will be on nuclear medicine and radioactive waste management. CHEM 251 is an introductory, one-semester class intended for non-science majors, pre-nursing majors, and science/engineering majors who may not have had high school chemistry. The intended students could be science majors, science teachers, employees of the nuclear industry, and interested community members.

Jef Lucchini noted that a delegation from the German nuclear waste program will be present at the ABC workshop in Santa Fe this coming April. Perhaps we can get a speaker from this group.

Candice Jierree is moving to Arizona. We will miss you Candice.

The meeting adjourned at 7:05 PM.

Respectfully submitted: Christopher Chancellor

**American Nuclear Society  
Carlsbad, New Mexico, Local Section  
December 18, 2012**

Chris opened the meeting at 6:00 PM at the Carlsbad Environmental Monitoring and Research Center at NMSU- Carlsbad.

**Attending Members**

Chris Chancellor, Chair  
Russell Hardy, Vice Chair  
Jean Francois (Jef) Lucchini, Treasurer, Scholarship, Topical meeting  
Beverly (Bev) Crawford, Secretary  
Norbert Rempe, Member  
Robyn Hayes, Member  
Tim Hayes, Member

The minutes from the November 14, 2012 meeting were read and approved with changes.

**Treasurer's Report / Membership**

The Treasurer's report was distributed and showed a balance of \$9,433.11 including expenses from the talk on December 10<sup>th</sup>. There was also \$6.00 in donations made at the talk.

Two members have made contributions to the scholarship fund. The total balance of the scholarship fund is \$500.00.

There have been no additional members added to the membership list since the last update.

Chris asked Bev if she could let the newspapers know when we are having talks. Russell pointed out that in addition to notices in the Argus in Carlsbad it might be a good idea to post notices in the Artesia Daily Record. Bev will make sure both papers are notified of upcoming speakers. Chris Tim will be giving a talk in late January. He has not given the topic to Chris yet. Therefore, a notice will not go out until the topic is provided.

Bev will also update the web page to include information and change information that has been requested by Jef via an email.

**Action Items Awaiting Implementation**

Chris still needs to contact Bob Kehrman of the Boy Scouts of America regarding the nuclear merit badge.

Jef has contacted Carroll Parr and other teachers at the Carlsbad High School.

### **Discussion on Topical Meeting**

Chris mentioned that our section should work with the Chamber of Commerce, the Department of Development and the Mayor's task force to bring the ANS topical meeting to meeting to Carlsbad. Robert Hayes did not phone in to the meeting. Robert had attended the ANS National Meeting and came up with two possible divisions that may wish to have a topical meeting in Carlsbad. These divisions are: Fuel Cycle and Waste Management Division and Radiation Protection and Shielding Division (RPSD). RPSD led the previous topical meeting here in 2006. Robert Hayes is a member of the RPSD and that might make the RPSD more amenable for coming here.

There may be a problem in the future getting tours of WIPP. This certainly will have a dampening impact on the topical meeting. Chris mentioned we need to know what is required on the part of Carlsbad ANS in order to support a topical meeting in Carlsbad. It may be desirable to get the Health Physics Society involved with Carlsbad ANS on this.

Chris or Jef will contact Robert Hayes to make sure he phones in or we can call him at the next meeting.

### **Future Speakers**

mentioned it may be a good idea to contact the ANS President to see if we can have him give a talk. Chris will try to contact the President to give a talk in May.

The meeting adjourned at 6:45 PM. The next meeting will be at CEMRC after arrangements have been made to contact Robert Hayes.

Respectfully submitted: Beverly Crawford

**American Nuclear Society  
Carlsbad, New Mexico, Local Section  
February 4, 2013**

Chris opened the meeting at 6:10 PM at the Carlsbad Environmental Monitoring and Research Center at NMSU- Carlsbad.

**Attending Members**

Chris Chancellor, Chair  
Jean Francois (Jef) Lucchini, Treasurer, Scholarship, Topical meeting  
Beverly (Bev) Crawford, Secretary  
Jerry Golden, member  
Robyn Hayes, Member  
Tim Hayes, Member

**Treasurer's Report / Membership**

The Treasurer's report was distributed and showed a balance of \$9,842.35. The expenses from Christopher Timm's presentation were not included in this total. The total balance of the scholarship fund is \$500.00.

**Potential Guest Speakers**

Ward Brunco is being considered for the February talk but there is no firm data at this time.

**Topical Meeting in Carlsbad**

Rob Hayes participated in the group discussion by phone. Jef will attend the summer ANS meeting pending management approval. Rob suggested that Jef be present at the meeting for the Fuel Cycle Division so that he can help get Jef's proposal on the agenda.

Carlsbad ANS must have a clear idea of what the area has to offer attendees for the proposed conference. There are several opportunities for tours here with the Gnome project, Waste Control Specialists, Urenco, and WIPP. Rob pointed out that we must consider providing (in addition to the venue) tours, meals, entertainment and depending on the involvement of the local section, a publication chair or technical program committee and an associate program chair. The local section typically receives about 25 % of the profit from holding the meeting for their section.

Shuttles can be provided from Roswell, Hobbs and El Paso for conference attendees to get to Carlsbad. At the last topical meeting, a golf tournament was organized, and shuttles were provided.

Chris mentioned letting the Carlsbad Chamber of Commerce, Department of Development and Mayor's task force know about the possibility of hosting this meeting.

Rob will contact the board to get Jef on the agenda for the Fuel Cycle summer meeting and to set up a phone call with Jef and the division chair to have the topical meeting in Carlsbad set for 2016.

There is a concern about accommodations in town as they are currently very difficult to arrange due to the Oil Field boom. A suggestion was made that perhaps someone could talk to Bob Forrest about availability of rooms.

The local ANS will need to remain viable in order to support the topical meeting. Sheila Lott, Laurie and Jerri are all prime participants in Carlsbad ANS events.

### **Nuclear Merit Badge**

Chris talked to Dave Guerin about when the next merit badge workshop will take place and what the required criteria might be for completing the nuclear merit badge. Once we know more details we can communicate the criteria with membership.

### **Scholarship**

Announcements will go out in March concerning the scholarship.

Bev agreed to let Greg Sahd know that the scholarship fund is at \$500 so that it can be posted on the web. She will also let Greg know that he needs to remove Jef's home address from the contact information for the scholarship on the web.

### **Future Speakers**

Chris approached Roger about giving another talk in the summer.

Jef mentions that the salt workshop will be taking place in April in Santa Fe. The attendees for the workshop may be interested in coming down for a tour of WIPP and might be approached to give a talk to ANS. The workshop is taking place in mid April.

The meeting was adjourned at 6:55 PM and no arrangement was made for a future meeting. Chris will call a meeting if one becomes necessary.

Respectfully submitted: Beverly Crawford

**American Nuclear Society  
Carlsbad, New Mexico, Local Section  
May 22, 2013**

Chris opened the meeting at 6:05 PM at the Carlsbad Environmental Monitoring and Research Center at NMSU- Carlsbad.

**Attending Members**

Chris Chancellor, Chair  
Jean Francois (Jef) Lucchini, Treasurer, Scholarship, Topical meeting  
Beverly (Bev) Crawford, Secretary  
David Ams, member  
Courtney Herrick, member  
Sona Herrick, member  
Roger Nelson, member

**Treasurer's Report / Membership**

The Treasurer's report was distributed and Jef reported that the balance is \$9,150.86. A total of \$520.00 was collected from membership for the scholarship fund and this amount was awarded to Teagan Andrews at the Carlsbad High School Scholarship Awards presentation in April.

**Minutes from the February 4<sup>th</sup> Board Meeting**

The minutes from the last board meeting were read and accepted with one change.

**Topical Meeting in Carlsbad**

Roger pointed out there is a significant difference in the support that was provided by the WIPP Management and Operations (M&O) contractor for the topical meeting that was held in 2006. Specifically, the M&O contractor paid three members of the ANS section to work on the topical meeting that year. We do not have support from any of the WIPP participants at this time. Roger also mentioned that Abe Van Luik is on the [board of directors program committee](#) for the High Level Waste topical meeting that normally takes place in Albuquerque.

**Future Speakers**

Chris pointed out that Ward Brunco has been unable to commit to a presentation time and that he has spoken to Paul Shoemaker but has not gotten any interest from him on giving a presentation. Chris has also asked Roger Nelson. Roger stated that he could give a talk in the Fall.

Roger asked if anyone was on the NWP tour distribution list.

Chris mentioned that we have tried to be put on distribution in the past but were denied. Roger mentioned that someone should try again to be put on the list as there are a number of individuals that may provide interesting presentations including the [Cave](#) and [Karst](#) people [e.g., [The National Cave and Karst Research Institute \(NCKRI\)](#)] and many others. He suggested contacting Rose Scott to request being put on the distribution list. There are also possible presentations that the City of Carlsbad might put on concerning interactions with the [governor, with governor. John Heaton](#) or Jack Volpato ([county commission](#)) [were mentioned specifically](#). These presentations [sw-w would](#) be of interest to the public.

### **Membership**

Jef mentioned that we gained one new member from Urenco: Dale McCullough.

### **Nomination of Officers**

Chris mentioned that Robyn Hayes will continue to chair the scholarship committee next year but that we need new officers. He proceeded to nominate the following new officers: Jef Lucchini – Chairman, David Ams – Vice Chair, Sona Herrick – Treasurer, Courtney Herrick – Secretary. The officers were unanimously accepted.

Discussion continued after the vote for officers concerning future speakers. Roger suggested having individuals from NWP and Joe Franco talk on the future of WIPP or more specific WIPP related topics. Roger offered to talk with Joe and Abe Van Luike about international repositories.

The meeting was adjourned at 6:40 PM and no arrangement was made for a future meeting. Jef will let everyone know about the next meeting by email.

Respectfully submitted: Beverly Crawford