



# ROTARY CLUB OF HAWTHORN



## 02 March 2010

**President Neil Roberts** (president@hawthornrotary.org)

### Notes From the Week

#### District Governor

**Colin Muir** (RCWerribee)

#### Websites

[www.rotarydistrict9800.org.au](http://www.rotarydistrict9800.org.au)  
[www.hawthornrotary.org](http://www.hawthornrotary.org)  
[www.rotarydistrict9800.org.au/Members/Networker](http://www.rotarydistrict9800.org.au/Members/Networker)

#### Secretary

**Richard Logan**  
Ph: 0421 094 567  
secretary@hawthornrotary.org

#### Editor

**Lawrence Reddaway**  
Ph: 9889 1418  
editor@hawthornrotary.org

#### Apologies (Essential)

- Enter in the book,
  - Or tell Norman Hall
- Ph: 0401 100 177  
Norman\_p\_Hall@hotmail.com

#### Meetings

**Hawthorn Receptions**  
555 Glenferrie Road  
Hawthorn 3122  
Tuesdays 12:30pm for  
1:00pm (Finish 2.00pm)

#### Rotary Club of Hawthorn

**PO Box 33, Hawthorn 3122**  
Bulletins etc available from:  
<http://groups.google.com/group/hawthorn-rotary/files>  
Discussions, correspondence etc available from:  
<http://groups.google.com/group/hawthorn-rotary/topics>

#### Updates for Our Diaries :

**DONATIONS IN KIND**- Sat 20 March 9.30—12.30 @ DIK Warehouse

- Rear of Shed 40, Gate 1, Somerville Rd, West Footscray (Mel 41E7)
- Fellowship, Working Bee & BBQ (with RC Prahran). Share transport?
- Learn about DIK; and help out in sorting & packing!
- Contact Ian Stoney 0400 209 802

**RELAY FOR LIFE** – Cancer Support walk 4pm Sat27-Noon Sun28 March

- \$30 for first walker, \$15 for other family members walking.
- Call in & support —day or night
- Volunteer to Noel Halford.



**RCH PRESENTATION NIGHT** - Monday 29 March 6.00 - 8.00pm

- Light dinner. \$40. Replaces normal lunch meeting on Tuesday 30 March.
- Members, partners, friends, potential members et al. “must attend”.
- Booking lists now open!
- RCH charitable gifts will be made and members recognised for their special contribution of *SERVICE ABOVE SELF*.
- Contact Neil Roberts 0418 105 587

**BOROONDARA PAPER** - Thurs 15 April 7.00am Hawthorn Town Hall

- Justice Frank Vincent (ret) on “Law & order in Our Community”
- Cooked breakfast. \$50. Replaces normal lunch meeting on Tues13 April
- Contact Bernie Walshe 0419 525 145

**BUNNINGS BBQ** - Sunday 25 April (Anzac Day from noon)

- Volunteer to Neil Roberts 0418 105 587 to co-ordinate this event!

**COUNTRY VISIT** - Sunday 2 May Fellowship BBQ Lunch—BYOG—\$20

- At the Rosbacks’ Wandin North home—Tennis, golf,
- Transport? Yes! Contact David Pisterman 0447 323 593

**BUSINESS INNOVATION AWARDS**—Pencil in Tues 04 May

- Names of potential entrants to Jackie@priorities.com.au

## Nuclear Power for Generating Electricity

By **Sander Vandeth**  
(Retired Chief Engineer, Orica)

Our speaker's qualifications were too long to fit into my computer, and they didn't explain his ability to discuss this complex issue so succinctly. But I do know that he has West Australian and American university qualifications in Nuclear Power or Physics, another degree from Toronto, has worked at the Weapons Research Establishment, has designed Nuclear Power Plants, worked at Lucas Heights and is an authority on industrial pollution and linked global warming.

If you need to purchase a house for your descendents to occupy for the next 50 or 500 years or so, and it has to be next to some sort of a power station, Sander gave us the information you would need to make an informed choice. Along the way, we also learned a bit about nuclear physics and its peaceful use.

When your scribe last studied the atomic table, it seemed to have about 93 elements, but there are apparently more today. And there are far more nuclear power stations, yet only a couple have given much trouble. If you had bought a house next to 3-Mile Island on the populous east coast of the USA, where an incident occurred in 1979, you would have been disturbed by the fuss and by the predictions of a nuclear winter, but if you had stayed put, you would still be active today, age permitting. If you had been at Chernobyl in 1986, you probably wouldn't have been told what was killing you (yes, I'm a trifle biased, but the western media has its virtues). It's the radioactivity that spoils your peaceful existence in your home next to the nuclear plant, and this activity can be particles or rays similar to an X-ray.

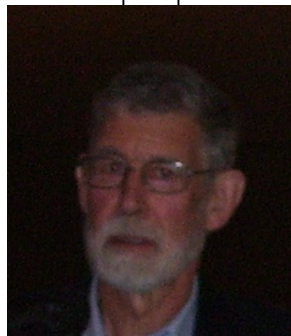
So, our speaker's message was not really about safety, but about containing radio activity and

the disposal of waste products, and, along the way it was mentioned that the conventional emissions from a nuclear station are minimal compared with a coal powered one. Apparently the pollution discussion is about politics, ignorance and vested interests - lots of them and on all sides.

Some stats: Demand for electricity is expected to double by 2050, with China increasing at 20% per year - yes, that's 20% pa. Nuclear stations currently produce 15% of the world's electricity, with France at the high 75% end and China at 2% but rising. (We are zero). The USA is now planning 2 new nuclear stations - the first for 30 years.

Australia has the largest reserves of Uranium in the world and a new mine in South Australia is planned. There have been issues with management of radio active tailings at mines around the world - they need to be kept out of the water table. Huh.

'Yellowcake' is the ore produced by the mines. It is processed into nuclear fuel. Note that political correctness has reached the industry - yellowcake can now be brown or black!



The splitting and recombining of electrons, neutrons and protons is well understood around our club - just remember that an isotope of an element has varying numbers of neutrons, different nuclear properties but the same chemistry. Slightly enriched Isotopes of Uranium are usually used in power plants (but not in Canada), and a particular isotope (U235) can lead to a chain reaction which is fundamental to a nuclear reactor's operation.

The major pollution issue is dealing with the used rods of Uranium. They can be stored somewhere safe for hundreds of thousands of years; reprocessed and stored for 20-40 years but the plutonium from the reprocessing is an issue; or can be burned in a fast reactor which is an unsafe procedure. These issues are still debated and reflect the fact that the nuclear industries' pollution is examined much more rigorously than emissions from conventional power sta-

tions. Perhaps it would be best to build your house next to a reactor where the old fuel is reprocessed and is only a risk for a generation.

Then Sander threw us a carrot that he preferred a reactor using Thorium rather than Uranium as a fuel, but we will have to ask him back again to learn about it.

(By Richard Bainbridge)

### People

- Vic Burns has told John Care Riddell that he was due to have a '5 hour scan' on Tuesday 02 March—good luck with the results: we expect you back next week, Vic!
- Bruce Smith is working with his neurologist to try to overcome severe back pain. Why not give him a ring?
- Jim Braden is frail but well in the Freemasons hospital—why not visit him?



### This Week's Meeting:

**Attendance:** 43 Members + 3 Guests = 46 Total  
**Guest Speaker:** Sandor Vandeth (ex Chief Engineer, Orica)  
**Guests of Members:** Ginia Reddaway (Lawrence Reddaway)  
**Visiting Rotarians:** Sandor Vandeth (RC Mt Eliza)  
**Other Guests:** nil  
**Thanks to:** Ian Warren (Chair), Jonathan Sear (Sergeant), Joe Deve-reux (Raffle Donor)

<b>Apologies</b>	MACFARLANE Ian	ROSE Kevin
BURNS Vic	MOORE Daryl	SMITH Bruce
COOK Jackie	O'BEIRNE Jim	WEEKS Jill
CORRIGAN David	O'DONOGHUE Simon	
DUMAYNE Geoff	POHL Ian	

**Make-Ups:** .No new make-ups recorded

## Around The Club

### Groom & Howard: Cricket Tragic

On the day that cricket tragic John Howard was announced as President of the International Cricket Council, our very own cricket tragic, Richard Groom, was sporting his green Cricket Australia blazer and his International Cricketing Rotarians tie.

Maybe he's trying them out before his rumoured visit to Durban for a Rotary Cricket fest? Or is it for something to do with the soccer (er, football) World Cup?

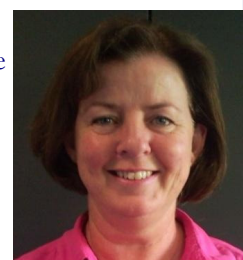


### Joan Janka— Travelling Lady

The Shadow learns that our PP Joan, together with partner Ian, are shortly off to Marrakesh (Morocco), Tuscany (Italy) and Provence (France). Let's wish them well!

### President Elect Joins Paid Work Force!

From PP to PE: The Shadow knows of an email from our entrepreneurial Meredith that says "Now that I have started working again . . ."



Always energised by such enigmatism, The Shadow embarked upon an extensive piece of investigative journalism and discovered that Meredith is working—on Body Corporate stuff—with none other than our very own Gerry Cantwell!

*The Shadow*

## Doing the Jobs Better: Chair of the Day (2)

(By **Norman Hall**)

Here's a suggested letter to be sent by the Chairman of The Day to the speaker:

Dear {insert speaker name},

Thank you for accepting our invitation to speak to the Rotary Club of Hawthorn on Tuesday, {insert date}. As Chairperson on the Day I would like to advise you of the following:

1. Our meeting time and venue is 12.30pm for 1.00pm, at Hawthorn Receptions, 555 Glenferrie Road, Hawthorn. I will be there to meet you at 12.30pm at reception.
2. The luncheon meeting begins at 1.00pm, and following other activities and business, I will introduce you at 1.30 pm. This allows 25 - 30 minutes for your address, including 5 - 10 minutes of question time.
3. We have facilities for a Powerpoint presentation, including laptop and screen. Of course, you are welcome to bring your own laptop and supporting equipment. Please advise us of your needs.
4. We have a PA system for presenters, with a detachable hand-held microphone. We do not have a separate speaker system for direct audio from PC presentations. If your presentation requires PC audio you may wish to connect your own speakers to the laptop.
5. Can you please provide me with a brief CV either by email, or on the day, so that I can introduce you and your topic.

I look forward to meeting you next Tuesday.

Kind regards,

{insert chairperson's name}

Rotary Club of Hawthorn

## Recruiting New Members

- Ngaire Cannon asks everyone to look at her email of 26 February, look at our address books, and suggest someone who could be approached to become a new member.

<b>Housekeeping</b>						
(If you cannot perform your duty, please find a replacement. Or call Norman Hall 0401 100 177)						
Date	Setting Up	Badges	Front Desk	Grace	Raffle	Clearing Up
09 March	Daryl Moore	John Gowers	Ian Warren	Ian Pohl	Brian Reid	David Rush
			Ian Macfarlane			J. Christoffelsz
16 March	Ian Stoney	Jim Earle	Ian Warren	Barry Pratt	D. Pisterman	Jim Earle
			Ian Macfarlane			Brian Reid

<b>Forthcoming Speakers</b>					
Date	Topic	Speaker	Organisation	Chair	
March 09	My Fencing Experiences & Shelter Boxes	G Swinnerton & Ian Stoney	Fencer Extraordinaire Man for all Seasons	Richard Bainbridge	
Neither Gerald nor Ian needs any introduction: Hear the stories, see the photographs of Rotary in Action					
March 16	Two Australian Leaders: 'Weary' Dunlop and Ken Myer	Sue Ebury	Author	Jonathan Sear	
Sue Ebury is the author of 'Weary, The Life of Sir Edward Weary Dunlop' and 'The Many Lives of Kenneth Myer'					
March 23	Member Behind The Badge	Colin Crawford	Club Member	Chris Hanson	
'Member Behind the Badge' talks are always highlights of the year—not to be missed!					
March 30	No Tuesday Meeting		(Presentation Night on Monday evening)		
This week, enjoy your own, different, Tuesday lunch time!					
April 06	TBA	Josh Frydenberg	Preselected Liberal Candidate for Federal Electorate of Kooyong	tba	
Yes—there is a meeting on Easter Tuesday!					
April 13	No Tuesday Meeting		(Boroondara Paper on Thursday breakfast)		
This week, enjoy your own, different, Tuesday lunch time!					

<b>Leave of Absence</b>		<b>Second Bite Roster</b>	
Mar	06	<i>Holiday</i>	<i>Weekend</i>
Mar	13	Kevin Rose	David Owen
Mar	20	Ian Hamilton	Norman Hall
Mar	27	Richard Groom	David Rush