

CONTACT



THE STATE ELECTRICITY COMMISSION LATROBE VALLEY REGION MAGAZINE – JUNE 1969

Manager previews some LV plans

which are

NOT-SO-GLAMOROUS, BUT THEY'RE SIGNIFICANT

Many people are not in a position to realise just how many projects of a capital nature are being developed within our Region – quite apart from those obvious ones which can be seen at Hazelwood Power Station and Yallourn "W".

Major items currently under construction, or which will be commenced or commissioned in the coming financial year, are of considerable significance in their own right.

The Coal Engineer, for example, will be commissioning both Nos. 10 and 11 Dredgers, quite extensive conveyor installations, and the remote control and monitoring system of the west field conveyors.

In line with development of both open cuts, there will be considerable expansion of the fire protection water services and the de-watering installations.

It is anticipated also that the Morwell Coal Production Offices, adjacent to the Control Centre near the southern outlet, will be ready for occupation before the end of the financial year.

The Briquetting Engineer, too, has quite a major program ahead of him as it is intended to develop the bagging instal-

Five in 700: Hazelwood's girlforce

With six generators now in general service, Hazelwood has the distinction of being the largest power station in Australia. In the financial year just ended, it was expected to generate more than half the State's electrical energy. It takes 700 people to run the station and five of them are girls!



They are: Sandra Collier, Terry Moore, Gaye Wilson, Jenny Guy and Denise Smith.

SANDRA COLLIER who is the senior typist, has been at the station for three years. She lives in Morwell, likes dancing, yoga, greyhound racing and hot rods.

TERRY MOORE breeds and shows dogs – quite successfully too. She is also keen on horse riding and has been at Hazelwood for three years.

GAYE WILSON lives in Hernes Oak and before that in Kiewa. She is a junior clerical assistant, is fond of dancing, yoga, greyhound racing and the Trots.

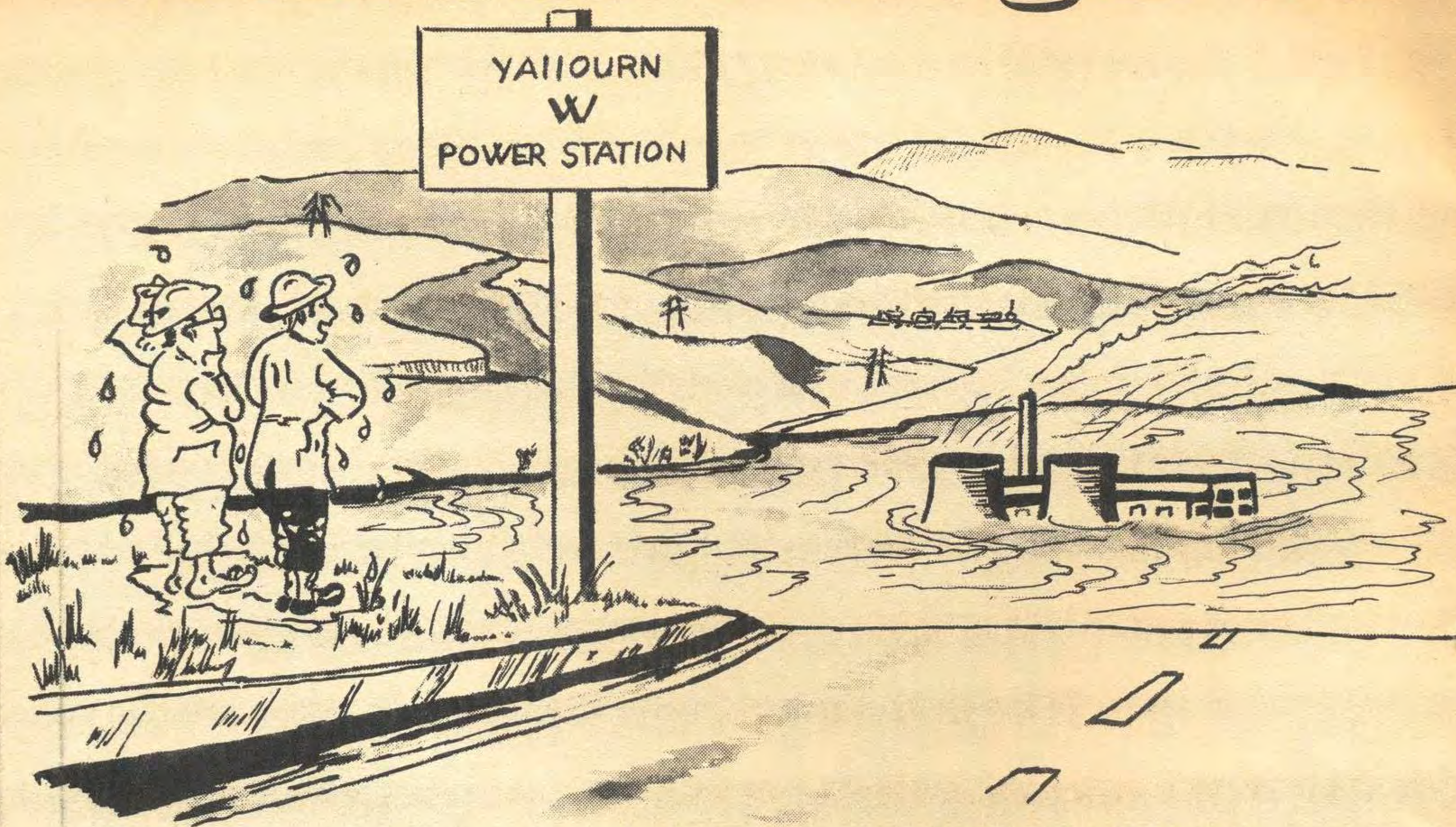
JENNY GUY is a typist in the training annexe. She likes ballroom dancing, football (barracks for Collingwood) and hill climbing (in cars).

DENISE SMITH is a drafting assistant – she likes dancing, squash, badminton and tennis.

Incidentally boys, Jenny is the only one engaged.

*CONT'D PAGE 2

Contact Laugh-in



"Crikey Jack, they didn't say anything about it being a hydro station!"

**... and there's
money in
it too!**

Can you beat this for a laugh-in? If you can, or even match it, there's money in it for you.

Contact wants cartoons, humorous ones of course - preferably about the job, and is prepared to pay for them.

The competition is open to anyone working for the Commission in the Latrobe Valley Region and \$3.00 will be paid for every cartoon published.

You can pick your own subject, though preference will be given to those dealing with work situations. You can have a shot at the Commission, Management, your mates (even Contact) but it must be funny.

We are not interested in "knockers" and certainly won't be paying to be "knocked".

Incidentally, the idea for the above cartoon was pinched from "Power News", the magazine of the C.E.G.B. in England. Contact believes that there is just as much if not more talent in our ranks!

So sharpen up your pencils and let's hear from you!

Manager's Message Cont.

(From Page 1)

lation in the Morwell area to provide for the bagging of the entire domestic briquette requirements throughout Victoria.

In addition to this major project there will be a considerable expansion of the storage area to provide increased capacity for storage of industrial briquettes.

With the advent of the hard char installation, additional work is involved in making provision for loading the char through the Morwell Briquette Loading Centre.

Last, but not least, there is rapid development under the Transmission Engineer of the 500 kV Hazelwood Terminal Station, installation of the second 500 kV transmission line, and considerable modification to the 220 kV switchyard at Yallourn to make provision ultimately for Yallourn "W".

These are the major items which will be progressed under the Regional Capital Budget and which amount (with many other minor works), to an outlay of approximately \$8,500,000.

At the same time it must be appreciated that our annual Operations Budgets now involve an expenditure of approximately \$83M per annum.

In addition, Power Department is budgeting for Hazelwood and Yallourn "W" a total expenditure of \$38M during 1969-70.

These investments, together with operational expenditure, should surely renew confidence - if this is necessary - in the future of our region.

You could have fooled us, Jack!

Jack Cramer, of Personnel, is a patient at the LV Community Hospital, Yallourn in the women's surgical ward but don't panic; he's only in a room adjacent to the ward in question! Jack, a YFC selector, collapsed after choosing the team a couple of weeks ago, but expects to be out and about this week.

Cold? Our briquette boys love it!



* PICTURED ABOVE: An inter-state semi-trailer loads up at Morwell Briquette Depot.



Brrrr!!! "It's an ill wind" they say. You wouldn't think that anybody could like this weather! You'd be quite wrong though – the briquette boys love it, especially those in the Sales Branch.

This, of course, is their busiest time – they are in fact "flat out", and none more so than the boys in the depots.

Last year they sold nearly 5 1/4 million bags of briquettes, and the two depots at Morwell and Yallourn accounted for over 1 1/4 million of them. A few days ago on June 18, a record was achieved, when 642 tons were bagged (12,840 bags) and sold in one day, from the two depots.

Last financial year the Morwell and Yallourn factories produced 1 3/4 million tons of briquettes and well over a million tons were sold to the public – domestic and industrial customers. Briquettes find their way to every corner of Victoria and over 14,000 tons were sold interstate last year – in South Australia, Tasmania, Sydney,

the Riverina and along the East Coast of N.S.W.

Besides being of great importance to the Latrobe Valley, the briquetting industry has made immense contributions to Victoria's wealth and the peoples standard of living and last year brought revenue to the tune of over \$5 million to the Victorian Railways.

So don't complain about the weather! Put some more briquettes in the heater and do it cheerfully – you're helping to keep many of us in a job!

* IN THE NEXT ISSUE CONTACT WILL TELL YOU HOW TO GET THE BEST OUT OF YOUR BRIQUETTE ROOM HEATER. AND, IF YOU ARE UNFORTUNATE ENOUGH TO BE WITHOUT ONE, HOW TO REMEDY THE SITUATION.

* He's never been so busy, nor so happy! That's Reg Blowers controlling the loading of rail trucks at Morwell.

Another kind of power

in print!

The information explosion is a compelling fact of our time that is being put to work to reshape our daily living.

One striking example of this phenomenon is the current publication of two million new technical articles each year in the world's periodicals.

Such information might as well not exist, if it is not readily accessible to engineers and technologists at the time when they have a problem requiring a solution. So libraries and information centres are organised to locate and supply relevant information as it is required by their users.

The Commission's Technical Library at Morwell is available to serve the informational needs of employees on the job while at Yallourn a public library service operates to provide recreational reading in addition to reference materials.

300 Journals

A basic function of the technical library is to circulate new information as widely as possible.

In the Latrobe Valley we regularly receive approximately 300 journals which range in subject from accountancy to nuclear engineering. As journals are re-



added to the Commission's libraries. Approximately 800 periodical titles are currently received at Head Office Library and these are available to meet the requirements of the Technical Library users in the Latrobe Valley.

Reference

In addition to circulating new information, the Technical Library maintains a reference service. A borrower may need a particular book, journal or report or even require the translation of an article that originally appeared in a language other than English, for example Russian. Another enquiry may take the form of a request for a journal article on a particular subject. This could be for information on the subject of value analysis or perhaps fuel combustion.

In order to be able to supply such information, the Technical Library is constantly building up a collection of reference materials, consisting of Engineering and other Handbooks, Technical dictionaries, Pamphlets, Reports, Government publications, Periodicals, etc. Periodical indices such as the Engineering Index and British technology are also available, so that it is possible to locate articles as they appear in a wide range of journals.

Supplementing the Technical Library's holdings of books and other materials, the considerable resources of the Commission's Head Office Library and loans from other special and university libraries are used to facilitate the Library's task: to harness the power that is available in print.

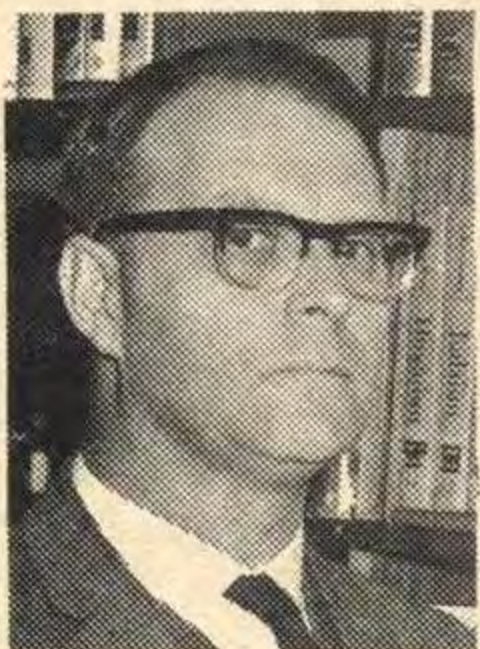
Started at Kiewa



A presentation was made at Morwell Briquette Factory Offices to Mr. J. Scott, Procurement Officer, on his retirement.

Mr. Scott commenced at Kiewa as a fitter and turner in 1945, joined the staff as a foreman, Grade 3 in 1951. He transferred to Morwell in 1960 as a Technical Services, Officer, Grade 3 and was appointed to his present position in 1965.

Mr. C. Morellato, Briquette Production Superintendent, on making the presentation of a wallet of notes, praised Mr. Scott for his excellent services and wished him a long and happy retirement.



Regional Librarian Bruce Ponting tells us about the services and function of the Region's library in this article.

ceived, they are routed to officers to keep them informed on new developments that are relevant to their work.

Each month, a library circular originating from the Commission's Head Office Library is circulated to inform by means of brief abstracts of a selection of the more important contents of current administrative, economic, scientific and technical periodicals. The circular also lists the new materials that have recently been

Our men with an eye on the sky

The long winter nights of the Latrobe Valley will, this year, be a time of busy activity for a number of our employees.

The event which will draw them from their firesides is a close approach of the body in outer space most similar to our own planet Earth, a glowing red body which may be the abode of strange life forms and which bears the name of the ancient Roman God of War — the planet Mars.

Mars this year will approach the Earth to a distance of some 44 million miles and colossal though this may be by standards on Earth, it will in fact be closer to us than any of the countless millions of bodies in space, apart from the moon.

The Latrobe Valley Astronomical Society, of which our observers are members, is an association of persons interested in Astronomy, several of whom are well-known personalities with the Commission, and others from the local community.

The group has been active now for some 15 years, originating as the Moe Astronomical Society and founded by Geoff Manley, a Commission employee of long standing. Geoff is the Society's President for 1969 and his deputy as Vice-President is Jim Knowles of Yinnar South, also well-known with the Commission.

Regional Chemist Geoff Mounter, Yallourn, who has managed to produce a telescope mirror of no less than 12 1/2" diameter, is also a member. When completed, Geoff's telescope should be the equal of any in Gippsland at least, its only rival being another of equal size constructed by Bruce Tregaskis, who was until recently with the Commission at Yallourn. Incidentally, whilst in the Latrobe Valley, Bruce achieved distinction in the field of Astronomy by completing a series of observations for the Astronomical Society of France; which resulted in his presentation with a special medal (the Henri-Ray medal) in appreciation of his efforts.

Other well-known Commission members are Eric Alexander of Newborough, Frank



* **STAR-GAZERS** David Hellyer (at the eyepiece) makes the sighting while Rod Parry enters observations in the log-book.

Reaney of Yallourn Eastern Hostel and Frank Mazur of Morwell. Frank Mazur is also an accomplished telescope maker. In fact, Frank is one of very few persons in Australia to succeed in making a "Maksutoo" type telescope, a high performance instrument of extremely compact size, requiring a great deal of skill and perseverance to construct.

Membership of the Society is not restricted to the Commission, however, and one of the Society's newer members is Ian Wilkin of Moe, an outside contractor at Hazelwood Power Station. Ian has also been bitten by the telescope making "bug" and has already constructed himself a 6" diameter instrument, no doubt inspired by neighbour Geoff Manley, who was one of the first amateur telescope makers in Australia, completing an 8" instrument in pre-war days.

Other members include Ken Bryant, a pharmaceutical chemist, and Society Secretary, of 20 Hillside, Yallourn, and Reg Waters, Yallourn Hospital Radiographer and a radio "ham" known around the world.

Apart from observing "space spectacles", such as a close approach of Mars or enjoying the spectacle of "once in a lifetime" phenomena such as Comet Sekikeya, which spreads its glowing tail across

half the sky in late 1965, members of the Society engage in regular programs of observations in conjunction with the CSIRO and the giant radio telescope at Parkes, N.S.W.. The results of observations made on variable stars are forwarded to the Royal Astronomical Society of New Zealand and through them to interested bodies around the world, such as observatories and also N.A.S.A., the United States National Aeronautics and Space Administration, which is organising the Apollo "Man on the Moon" program.

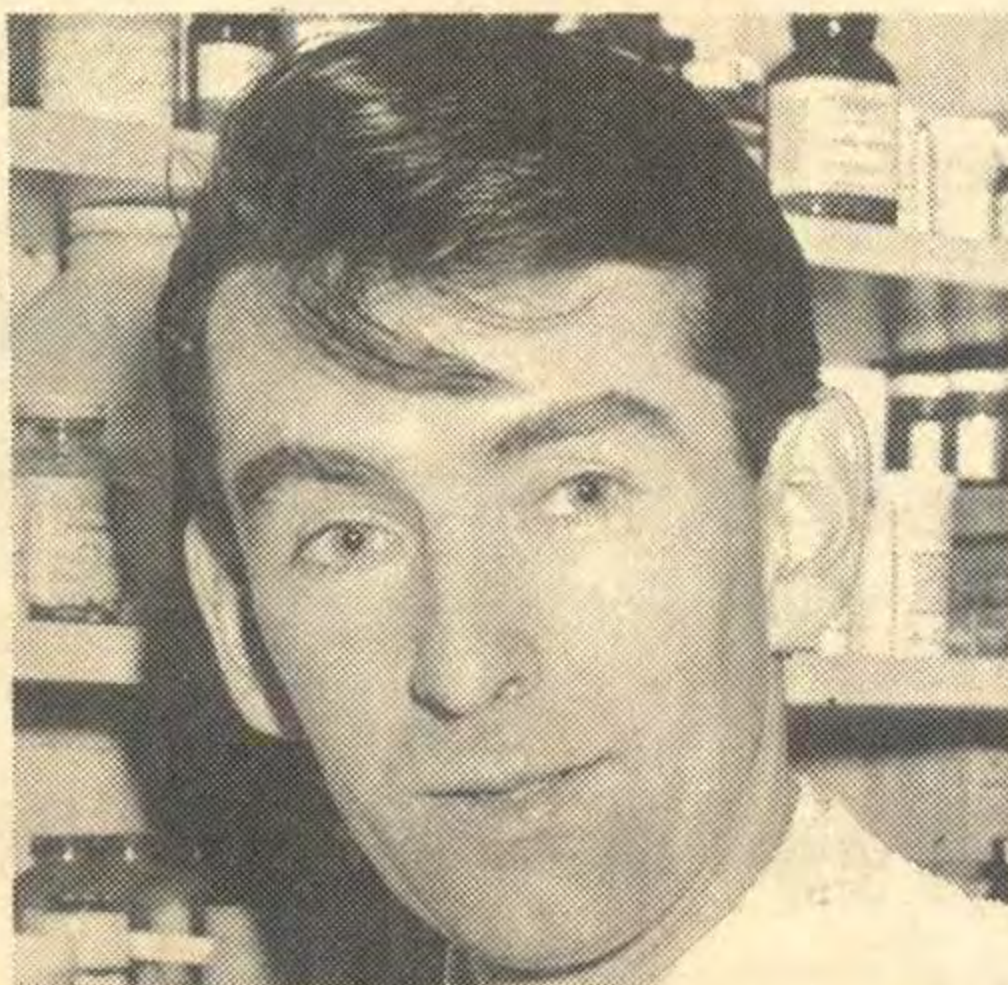
Members of the Society have also been approached recently with a request for observations on a number of artificial satellites circling the Earth, the results of these observations will be used by the Weapons Research Establishment, Woomera, South Australia and Goddard Space Flight Centre, U.S.A. in studies of the changing orbits of these man-made additions to space.

The Society is always pleased to welcome visitors and potential members to its meetings, held on the first Monday of the month at 8.00 p.m. in Yallourn State School. The only qualification for membership is an interest in things astronomical.

For members of the public who like to see the spectacle of the skies for themselves, the Society runs regular weekly public nights at its Observatory, situated just below the Fire Tower, Coach Road Hill, Yallourn. This is held every clear Tuesday evening commencing approximately, at 7.30 p.m.

The night skies should certainly hold exceptional interest during the winter of 1969 as Mars glows bright red in the blackness above. Already therefore details of the enigmatic planet are becoming clearer and the North Polar cap shows as a gleaming white area, soon to melt as summer starts in the Martian Northern Hemisphere.

If there is life on Mars, this then is the time we may best hope to detect it from Earth, and as for "little green men"; well, at least they ought to show up nicely by contrast with the Red Sands of Mars!



* **YALLOURN** Dispensary manager Ken Bryant who contributed this story to CONTACT.

Yallourn W - the Whys and Wherefores of a new horizon

Since 1965 we have all watched the gradual transformation of an area which was once home for hundreds of Commission employees, Yallourn "W".

To some of us what was going on was a mystery; it was hard to envisage the various steps necessary to get a power station project under way.

The new road system, car parks and bus terminal near the site were readily accepted because of their time-saving and safety aspects. The levelling of the site and the start, early this year, of boiler frame erection with a giant crane were a source of interest to all passers-by.

Some may ask how all this happens, who decides, and why build a station on this particular site. Our friends in Head Office have been busy marshalling all the data necessary for these decisions, the size of the units, when they are required, the economics of the site selected, the suitability of the site, its effect on the location of existing services such as railways, roads, water mains, etc. The decisions are made many years before the station is commissioned.

Wind Important

The direction of the prevailing winds is important. The station's orientation was arranged so that the semi-outdoor boiler house was on the opposite side from the prevailing winds. And the turbine blocks are built on a raft foundation that is on good bearing material.

The level of the site was fixed after a full appraisal had been made of all the flood behaviour patterns of the Latrobe River near the site of the station. The level of the site is approximately 66 feet above the normal summer level of the river.

Wind tunnel tests were conducted on models of the buildings, cooling towers and chimney stack to determine the direction of gas flows from the stack and of moisture from the cooling towers.

Decisions had to be made on all of these problems as well as on the results of foundation investigation before work at site could begin.

The bold approach by the Commission to the problems of constructing larger and more economical stations to meet the ever-increasing demand has resulted in the following "firsts" for this project:— the decision to adopt units of 350 MW capacity, the installation of giant tower type radiant heat boilers, the use of one common concrete stack for two boilers, the use of reheat-type turbine sets, and use of natural draft cooling towers for evaporative cooling of water from the turbine condensers.

Bright Color

The proposed buildings will present a more pleasing appearance than the older

stations. A lot of thought has been given to the use of a bright coloured cladding and to the arrangement of the building parapets to mask the roofing of the station.

Here are some facts that will be of interest to the statistically-minded members of the community.

The boiler house erection crane is the largest of its type in Australia, with a lifting capacity of 50 tons at a radius of 150 feet. The height of the tower frame supporting the crane is 200 feet and, mounted on three rail-mounted bogies, the total working weight of the crane is 780 tons.



By Assistant Construction Engineer JACK FITZGERALD

The weight of the steel superstructure of the boiler house and turbine house is 18,000 tons. The total amount of concrete to be used for the whole project will be 105,000 cubic yards. The total cost of the project is about \$106 million.

The station is a unit type control; that is the boiler and the turbo-generator operate as a unit. It will be second to Hazelwood in the power generating complex of the Victorian system.

70 Brick Veneers!

The height of the boiler house is 280', equivalent to a 26-storey city building. The boiler will be accessible at all levels, with a 16-personnel lift and a 2 ton goods lift. The height of the chimney stack will be 550 feet, 60 feet diameter at the base and 35 feet diameter at the top. The stack will be lined with about 500,000 firebricks, enough bricks to build about seventy brick veneer homes.

The dominant feature will be the two huge natural draft cooling towers. These will be 375 feet high and will have a diameter at the base of 290 feet. They will be of reinforced concrete construction and the thickness of the shell will be 7 inches. The magnitude of these dimensions can

best be illustrated by the fact that one tower could contain six buildings the size of the Yallourn theatre. The base of each tower will cover an area equivalent to the Town Square at Yallourn, i.e. from Kernot Hall to the Library. The corrugated asbestos type packing in each tower will be about 3 million square feet in area, enough sheeting to roof about 2,000 three-bedroom houses, about twice the number of houses in the town of Yallourn.

Horrie's House

The older residents of Yallourn will be reminded of a past era if told that the Yallourn "W" chimney will be located on the spot where Horrie Devine's home once stood.

During the construction period this project will provide work for hundreds of men, and their spending will help to keep the local economy in a buoyant condition. The cumulative effect of such a project is felt in all levels of the community from local business houses, the transport system, workshops and factories, to places as far-flung as Japan, European countries and Britain.

Enough said?

"And the end of INDUSTRIAL SAFETY

is that the workman shall live to enjoy the fruits of his labour; that his mother shall have the comfort of his arm in her age; that his wife shall not be untimely a widow; that his children shall have a father, and that cripples and hopeless wrecks who were once strong men shall no longer be a byproduct of industry"

A "Malta man" retires



Mr. A. (Tony) Seychell, Painter at Yallourn Briquette Factory, retired on June 2 after 15 years continuous service with the Commission.

Tony first came to Australia in 1950,

stayed 2 1/2 years, and then went back to Malta. He returned, bringing his family with him, in 1954

Prior to coming to Australia, Tony served for 24 years with the Royal Malta Artillery.

Speakers at a farewell function all spoke highly of Tony's qualities and his ability on the job.

* He is pictured at farewell ceremony with workmates.

A safe group!

* PICTURED: Group 5 at Yallourn Briquette Factory, complete with awards.



Yallourn Briquette Factory, and Group 5 within the factory, this month received safety awards in recognition of over 166,000 man-hours free of a disabling injury over a period of two and a half months.

The factory also received the National

Safety Council's pennant which now flies in the grounds.

In the event of a disabling accident the pennant will be replaced by an orange coloured pennant for one week.

Every speaker at the ceremony expressed the wish that the orange pennant would never be seen at the mast head.

To the end of February, 1969, Group 5 had achieved 100,000 manhours free over a period of 420 days. As at June 12, 1969, these figures had improved to 520 days with 117,000 man-hours accident free.

Presentations of individual awards were made in respect of both the Factory's and Group 5's achievements.

TRAINING: RULE OF THUMB METHODS ARE OUT!

Traditionally, the training of personnel in the Region's Coal Division, has always been done "on-the-job". This has been necessary because of the unique nature of our operations and plant. Recently, though, an intensified program of classroom training has been under way and is now centred in the Regional Training Centre at Yallourn.

Why training? The increasing complexity of new dredgers, conveyor systems and the introduction of new operating procedures made it clear that the old "rule-of-thumb" methods of operation were not able to meet the demands of the new plant and every-increasing outputs.

A program of training in the theory underlying our machine operation was necessary to supplement and add breadth to the field training. In the classroom it would be possible to instruct operations personnel in the reasons for operating procedures, to explain and demonstrate the ways in which many parts work and to assist trainees to a better understanding of elementary mechanics.

This classroom training would not only help trainees learn much more quickly and effectively on the job, but would also make it easier for them to meet unusual operating situations with a fuller understanding.

Short Bursts

A start on classroom training of this nature was made in 1958, under the guidance of Mr. Eric Foote (CPS, Yallourn) and the leadership of engineers Tom Adams and Col Ferguson. Since the time they had available for training was limited the training they conducted had to be restricted to occasional short bursts on key subjects.

Plans for continuing programs of instruction were made which culminated late in 1966, in the appointment of a full-time instructor, David Trainor, within the Operations and Plant Section of Coal Division.

In March of 1967, the full scale program of technical training began, in the Lecture Room at the Coal Production Office, Yallourn. It continued and flourished there (despite the "hot air" for which the non-airconditioned room was justly famous) until the end of 1968, when it moved into the new Regional Training Centre!

Better Informed

The present training program has as its target a better informed team of dredger drivers and operating personnel. A course leading ultimately to dredger operation has been mapped out and is being introduced to trainees in four stages.

- * 1st Stage Dredger Crew Basic Duties (D.C.B.D.)
- * 2nd Stage Plant Lubrication and Inspection (P.L.I.)
- * 3rd Stage Train and Conveyor Loading and Operation (T.C.L.O.)
- * 4th Stage Dredger Driving (D.D.)

The course was divided into four stages to prevent trainees from suffering with mental indigestion over the total amount of information they would need to absorb

and also to train operating personnel in stages that matched the type of duties they were carrying out.

A look at each of the stages shows how this works out:

D.C.B.D. STAGE - This covers the basic information and procedure necessary for anyone working on or near dredgers and serves as an introduction to the whole course. It also deals with the dredger crew's special responsibilities in the digging of formations and levels. The broad headings of the course are: Dredger Construction and Equipment, Bedman-directed Operation, Bed and Face Grading, Dredger and Train Tracks, Transportation Safety of Personnel and Machines, Fires in Brown Coal Open Cut.

P.L.I. STAGE - This deals with the theory and operational procedures useful to personnel lubricating and inspecting plant and is designed to match the duties of Greasers. Subject headings are: The Theory of Lubricants, Lubricating Systems and Procedures, Hydraulic Equipment, Bearings, Gears, Inspections and Tests and some simple applied mechanics. The above two stages, each lasting a fortnight, are currently being given to trainees. The remaining two stages are still being prepared for delivery after trainees have completed the first two.

T.C.L.O. STAGE - This will cover the duties and responsibilities of a Chute Attendant, loading coal or overburden into rail trucks or on to conveyors. Subject headings will include Material Loading Equipment, Train Operating Features, Conveyor Operating Features, Control Equipment, Effects of Improper Loading.

D.D. STAGE - This final Stage will give Dredger Drivers additional information on Dredger Performance and Efficiency, Operating Techniques, Safety Procedures, Report Writing, Open Cut Layout, System Controls for Trains and Conveyors, etc. Each stage, except the first, builds the earlier stages so that a course as complete as possible is built up in a number of logical steps.

Drivers First

Trainees are Dredger Drivers, Dredger Crew members and other operations personnel working in conjunction with dredgers.

Dredger Drivers are being put through each stage of training before other classi-



fications. This is so that the most senior wages men on operations will be first to receive the benefits of training, so that they may pass it down the line to their crews. The accumulated knowledge and experience of Dredger Drivers is also valuable in shaping the course content and methods.

One group of men has been particularly helpful in this matter. They are the "Guinea Pigs" who have twice been the group on which a pilot course has been tried out. Their comments on every aspect of these courses were responsible for a number of changes that benefited all

men with the authority of experience that commands respect.

In addition, all Coal Division Operations supervisory staff attend a short appreciation course on each new stage of training. This serves to let them know the instruction that is being given to personnel under their control.

Guest Speakers

The majority of the features in each stage are presented by guest speakers drawn from Operations and Maintenance staff. This procedure has the advantages of involving many of the staff in training, and of key topics being dealt with by

men with the authority of experience that commands respect.

The balance of the instruction and course administration are the responsibility of the Instructor, David Trainor, aided by a foreman on loan from Operations (at present Bosco Magazinovic, from Coal Operations, Morwell Open Cut).

The assistance provided by the foreman has some valuable side effects, in that he can help to keep the course relevant to operations and also in the development of the foreman's own instructional skills. Overall training policy is determined by a training committee chaired by the Coal

Engineer

Discussion Method

Each group of trainees (normally eight members) possesses a wide range of experience in different locations, on different plant and in different operations. This would be wasted in a formal system of lecturing, but is instead made good use of by an informal discussion method of studying subject material.

Participation of all members in the sharing of experiences broadens out the course and adds to everyone's interest and enjoyment. Visual aids are used widely - small items of plant, models, charts, overhead projector, transparencies, slides, films etc.

Since the dredgers are too large to be brought into the classroom, the class is taken to the dredgers for explanation and inspection of important features. Practical sessions to reinforce classroom instruction are also held out of doors in some subjects (and take very little time in heavy rain!)

More Comfortable

The aim of the training program is for each man on operations with an understanding of what his actions mean and what their effects will be. A further intention is the training of personnel to prepare them for higher classifications and, ultimately, for staff supervisory positions.

The jobs of operating our newer plant are so complex that we cannot depend on field instruction and experience alone for learning all about them. Classroom training appears to be here to stay, and is certainly more comfortable.



This article which explains the function of coal division training, was written by Instructor David Trainor.

of their mates who followed after. Thanks are due from trainees and instructors alike to "Silver" Sabrinskas, Chris Jacobs Wally Kitney, Wally Joyce, Tom Foote, "Chum" Fisher, "Knocker" White, John Oliver (see photo).

Other Open Cut personnel are being progressively selected to attend training ap-

CONTACT

YALLOURN POWER STATION

4/7/69 Annual Cabaret Ball, Kernot Hall

MORWELL S.E.C. STAFF

18/7/69 Annual Ball, Kernot Hall, Yallourn
14/11/69 Social - Dinner Dance, Kernot Hall Yallourn
13/12/69 Children's Christmas Picnic - L.V. Aerodrome.

HAZELWOOD POWER STATION

18/7/69 Annual Cabaret Ball - Karma
14/12/69 Children's Christmas Picnic - Hazelwood Recreation Ground.

social calendar

CENTRAL WORKSHOPS, YALLOURN

The Annual General Meeting was held last month, and the officebearers are:

President,	Russ Cannon;
Secretary,	T. O'Donnell;
Treasurer,	K. Lofts;
Purchasing Officer,	G. Wiltshire.

COMING EVENTS

22/8/69 Smoke Social - place not finalised
12/12/69 Christmas Cabaret - Shaw's Ballroom
14/12/69 Christmas Picnic - Glengarry Recreation Reserve

CENTRAL WORKSHOPS AREA - MORWELL

31/10/69 Dinner Dance - Kernot Hall
30/11/69 Christmas Picnic - Thorpdale Football Ground

MORWELL POWER STATION AND BRIQUETTE FACTORY

8/7/69 Annual Meeting
19/9/69 Tenth Anniversary Ball - Karma Morwell.
7/12/69 Christmas Picnic - Venue to be arranged

YALLOURN BRIQUETTE FACTORY

August Annual General Meeting

LATROBE VALLEY STORES GROUP

25/7/69 Cabaret Ball - Newborough Ha
7/12/69 Christmas Picnic - Thorpdale.



This is the third and final part of an article by Bruce McKissack, Assistant Apprentice Training Supervisor. In previous issues Bruce had dealt with the Central Workshops Sick and Accident Benefit Society and the Social Club. In this issue we learn something of the origins and history of the Welfare Committee.

Contact would like to congratulate and thank Bruce for his three very excellent articles. It also invites other clubs, — social and welfare — to use its columns to publicise their activities. So it's over to you, club secretaries!

Formed on February 8, 1943, this organisation was initially called the Central Workshops Vigilance Committee, a stern title indeed!

Present at the inaugural meeting were H. Emery, C. Jolliffe (Electrical), G. Botten, J. Driscoll (Boilermakers), J. Moyers (Carpenter), J. Briggs, H. Bingham (Ironworkers), J. Lewis (Fitter) and they appointed H. Emery President and G. Botten Secretary.

Other committees were reported as operating throughout the Yallourn area and these men considered the workshops should do likewise.

Tobacco was severely rationed under war time conditions and although a canteen for its sale was one of the first items discussed, the matter was deferred for some time.

Next business was to call on the S.E.C. to install hot showers in the workshops, drinking water, hot water for tea making, more and cleaner lavatories.

Expenses for the committees' operations were to be met by a threepence per month levy on employees and stewards were appointed as collectors.

Collections Okayed

Early in 1944, application was made to the S.E.C. management to recognise such committees now operating, as Shop Committees. In August of that year the Committee authorised official collections for marriage presents, retirements, and departures and were giving consideration to a new constitution called "Inter Union Shop Committees".

Approximately one year later the Yallourn Trades and Labour Council, notified all Shop Committees to change name to "Welfare Committee", to meet S.E.C. approval and an official constitution was adopted in August 1946.

It is of great interest today to note that during October, 1945, the Committee requested the Trades & Labour Council, (T.L.C.) to call on the S.E.C. to appoint a permanent, competent officer to inspect all plant and have installed safety measures where necessary.

Distress cases with official collection lists were first used in November, 1945 and July, 1946. It was in December, 1946 that the Welfare Committee took over the Canteen Committee which had been oper-

ating for 1 1/2 years.

Canteens and cafeterias were operating in the Power Station, and Open Cut and after a conference with the S.E.C. representative, Mr. Binder, Workshops, commenced operations with G. Walker (Carpenter), President, J. Findley (B/Maker), and J. Meyers (Carpenter) Vice-President, D. Johnson (Fitter) — Secretary.

T. McKay (Fitter), H. Emery and C. Jolliffe (Electrical), C. Crane, B. Downs (Main Store), W. Shankland, T. Lane (B/Makers), formed the committee.

Also in December, 1946, the Welfare Committee attempted to form a Special

The Central Workshops Welfare Committee

Club, but failed from lack of support.

First Hot Meals

An historic day in the Committee's activities was August 18, 1949. This was the first day that hot meals were served in the Canteens. Soup - 43, roasts - 58, and sweets - 27. Profit on the day's trading was 40c. but at the Annual Meeting on August 30, 1950, the Balance Sheet showed a turnover of \$2,657.30, with a credit balance of \$328.79.

In appreciation of services rendered by the female staff of Yallourn Hospital, a special appeal raised \$72 which was spent on amenities for those good people during March, 1951.

Two months later, the Social Club (now operating) requested a grant of \$160 and authority to conduct a tobacco kiosk in the Canteen; both requests were granted.

Trade Union and industrial activity became quite intense from approximately 1950 - 1967 and most such matters were handled by Committees of the Unions' official representatives.

Canteen trading and welfare matters continued to increase and a new constitution was necessary and adopted on October 10, 1968.

This constitution set out that the Welfare Committee now exists for the purposes of and providing: Canteen facilities, presentations, bereavements and help in cases of distress to workshops personnel.

Conditions are laid down to cover all of these exigencies and a distress fund at a constant \$500 has been set aside, to deal with each case on its merits. To be eligible for aid from this fund, the person should be a member of the Central Workshops Sick and Accident Benefit Society.

The public address system acquired by the Welfare Committee some years ago has become a very well known piece of equipment throughout the Latrobe Valley and greatly appreciated by many, particularly at the big outdoors gatherings.

Committee secretary since September, 1957, had been C. W. (Joe) Metcalf, and up until this year there has been as past Presidents Hugh Taylor, Syd Jolliffe, Jack Driscoll, Arthur Tibbals, George Redfern and Fred Johnson.

Amalgamation?

Social and Welfare matters often overlap each other's domain and moves for amalgamation are freely discussed and becoming increasingly agreeable to both bodies. However, there is so much work required by each, that a lot of spade work is still necessary before this accomplishment.

And so if we look about the workshop and care to give a little thought to the activities of these three organisations, it must make us realise just how big a part they play in our every-day life, both on the job and in our homes.

Imagine:- a workshop without heating; no brew times, washrooms without hot water, soap and paper towels; a canteen without pies, pasties, ice-creams, drinks etc.; having to make sure we have enough smokes (curse them), and sweets before we leave for work; that this Christmas there will be no toys from work to take home to the younger children, and the picnic day, caberet ball, smoko etc., won't be part of our social calendar.

How we appreciate the assurance, if and when we are sick, that there is something extra coming in to pay for the added expenses; and if the worst happens, our family immediately has a real friend.

(Cont. P.11)



* FAREWELL DRINK for former Regional Accountant Mr. Peter Duncan with members of the accountancy division. The girls are (from left) Judy Nelson, Valerie Nelson, Margaret Brisco, Janina Gorbai, and Denise Boucher.

Central Workshops story

(from P.10)

Not Three B's

Needless to say, only the briefest outline and history of the work of these three clubs can be given here. Terms and conditions of industrial awards, the Shop and Factories Act, are but the basic regulations governing workshop conditions; practically everything above and beyond these stipulations had to be negotiated and established by persistent effort and in the main, are the results of untiring effort by such as these three committees.

Yes, a workshop without the 3 A's of Atmosphere, Amenities and Assurance would be B;B;B - Barely; B.....; Bearable!

A real "shakey do!"

Where were you at exactly 9.16 p.m. on Friday, June 20? That was the night of the big shake, in case you have forgotten. If you were on operations in either the Yallourn or Hazelwood Power Stations you may never forget it.

At the Yallourn Power Station protective devices operated on transformers to trip out both "D" machines and E.2. This set the safeties to blowing-off steam and we lost 230 MW.

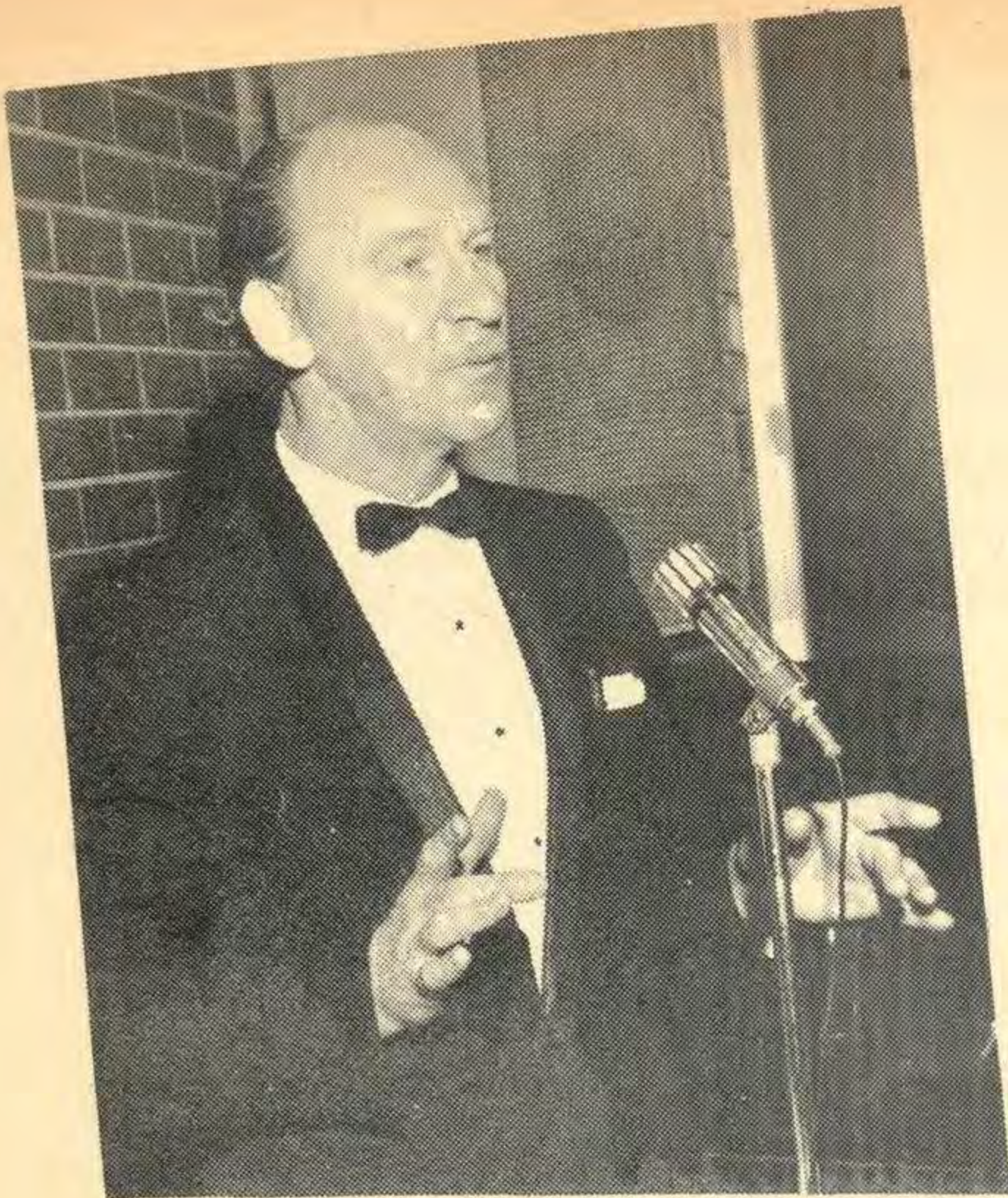
At Hazelwood things were a bit worse. We lost power, lighting and telemetering and 370 MW, although only No. 1 machine was entirely tripped off. Morwell Power Station came through okay, so our total

loss was 600 MW. This represented about 1/3 of the State's load at the time and as the Valley was carrying virtually all of this - the Snowy, Eildon and Kiewa were able to fill the breach and there was no load shedding.

Coal Production boys reported a few scares but no losses, while the Briquette boys just went on turning out the wonder fuel.

It was some night though! It brought back nostalgic memories of Quetta and Darjeeling to some of the ex-sahibs and mem-sahibs living in the Valley. It even made a certain hard-boiled Kiwi a little homesick - and it gave the rest of us something else besides football and golf to talk about on Monday morning.

Morwell's happy Smoke social



* MELBOURNE comedian John Hutchinson in action at Morwell Briquette and Power Station Social Clubs smoke night at Ronald Reserve Hall, Morwell.

* BOILERMAKERS Dave Kelly (left) and Jan Marut with Bill Kelly (right). Bill is a trades assistant at Morwell power station.



* FROM LEFT: At Ronald Reserve Hall, Morwell, Tony Cassar (rigger, Morwell Power Station), John Cauchi (trades assistant, briquette factory), and Keith Fletcher (charge engineer, briquette factory).

* SUPPER-TIME yarn between (from left) Kevin Harrington (roster clerk), Bill Hall (time-keeper), and Bob Munro (clerk).



* MORWELL P/S rigger Arthur Brock (left) enjoys a beer with Bob Johnston (leading hand boiler-maker).

It used to be "flat out all the time"; but now... We can stay with that load curve

Over the last ten years or so the Latrobe Valley has contributed an increasing proportion of the State's electrical energy. In 1959 it was 50%, now it is over 80%. In fact, for people who want to be precise the figure for the year ended June 30, it is 85%.

As we expect everybody knows nowadays, the sort of electricity we make cannot be stored in a battery: it has to be produced the very second it is required, so with people switching things on and off the total requirement (or load or system demand as Power people call it) varies all the time.

The diagram (right) shows a typical June week-day, hour by hour from midnight to midnight. We have been having quite a good run with Hazelwood this month and have usually had five out of the six machines running so we have shown our share of the load on the diagram with five units running and everything on at Yallourn and Morwell.

A few years ago the capacity in the Valley was always below the lowest load during the day so we just fed in all we could all the time into the system. Now we are far more conscious of the system than ever before, because we have to vary our output to suit the demand when the demand is lower than we can supply.

A look at the diagram will show the Latrobe Valley would have to reduce load from midnight to 5 a.m. but frequently

By Mr. J. J. Robertson, Power Engineer,
Latrobe Valley.

New South Wales buys some power from us then and so the trough is reduced. When this happens, this saves New South Wales running some more expensive plant and we make a profit too in selling it. Sometimes we buy from New South Wales. The system works both ways.

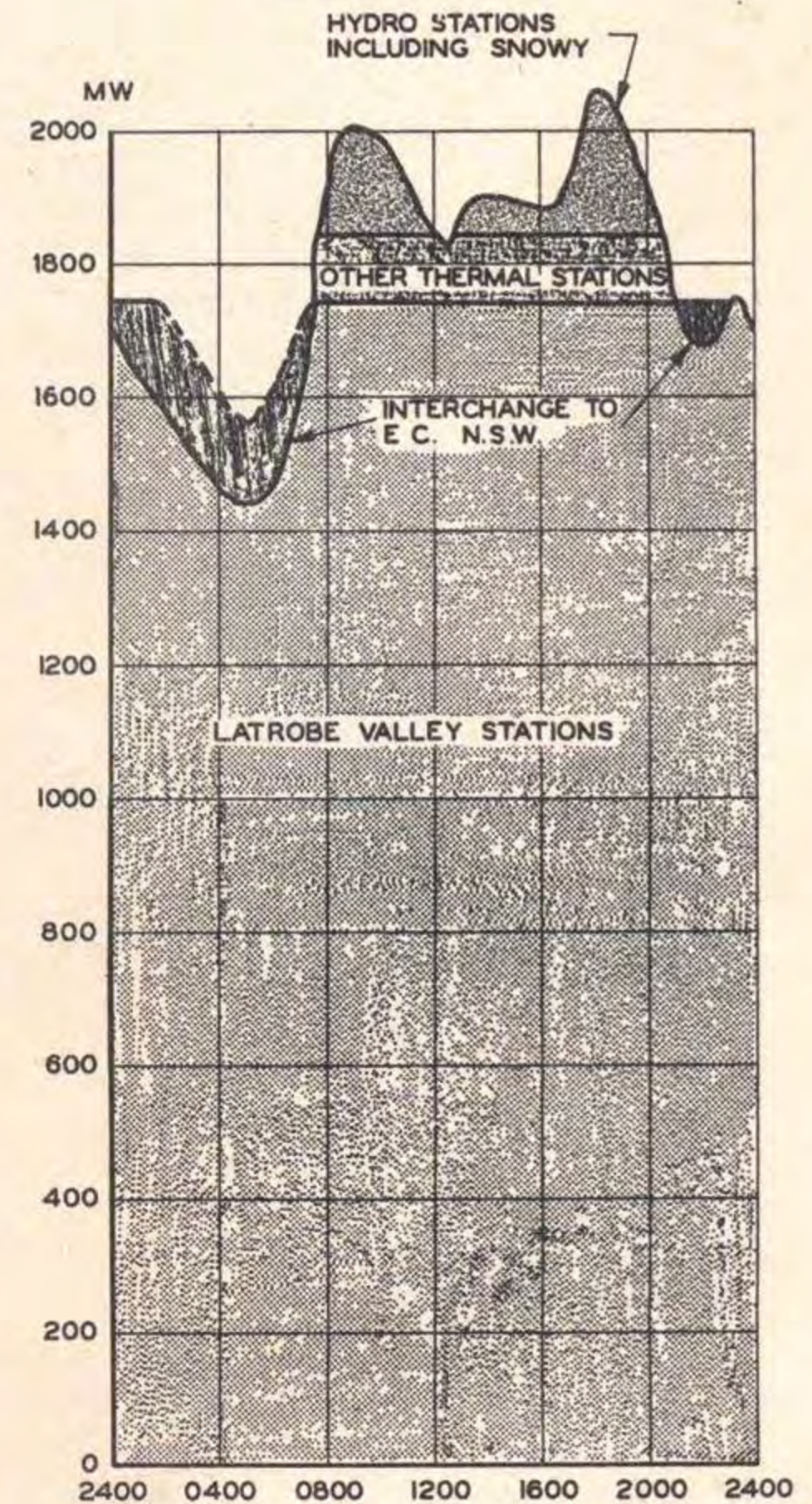
In Advance.

The anticipated daily load curves, like the one shown, are drawn up in advance by the Production Co-ordination Department in Monash House, and the job each Station will do arranged by telephone. The man on the Head Office telephone is nearly always Lindsay Davies.

By daily consultation, Lindsay does not just issue instructions, he knows what plant is under maintenance, what plant is going to be returned to service, what plant is going to be taken out of service and he is also told about any plant which has become unreliable because of some fault developing. All these things are taken into consideration in planning the daily load curve.

The minute to minute control over the whole system demand and system capacity 24 hours a day is exercised from the System Control Centre at Richmond. They, or course, have the anticipated daily load curves to guide them too, but they have to be prepared for any eventuality.

TYPICAL WEEKDAY LOAD CURVE
JUNE 1969



Frequency Provision

Somewhere in the system some plant is deliberately run at less than full load so it can take any sudden increases and the same plant is arranged to take decreases in load - known as running on Frequency Control.

We have some machines running on Frequency Control when all the electricity in the State is being supplied from the Latrobe Valley. This is common at weekends.

Our Station Charge Engineers and Electrical Control Room Operators are always in contact by telephone with the System Engineer and his staff at the System Control Centre at Richmond and frequently speak to each other.

As well as this, the System Control Centre has on its panels instruments showing the loading of each of our Stations and all the other Stations in the system.

The centre is also in contact with New South Wales and can see what power is being exchanged and what is available, so they can keep up the supply at all times to the demand.



* MR. LINDSAY DAVIES



* UP GOES the National Safety Council's pennant at Yallourn Briquette Factory after the 166,000 man-hours free of disabling injury achieved by the factory. Doing the hoisting are Jimmy Watkinson, Brian Forrester, and Peter Power. More details, another picture, are on Page 7 of this issue.

Instant Electricity

It's delivered - at 186,000 miles per second

When we turn on our TV set or toaster, do we ever stop to think what is involved?

When we flick the switch we are actually ordering electricity. And it is manufactured and delivered that very instant at 186,000 miles a second.

This remarkable technical achievement takes place every second of every day, no matter where you may live in Victoria. It has to - because the electricity you use can't be stored.

Yet it is readily available to virtually every home, farm, factory and building in Victoria, connected by a network of about 50,000 miles of high and low voltage lines. And prices are the same anywhere in the State.

Just what is this marvel of the modern world - electricity?

Everyone demands it. We know we can't do without it. We know what it can do to make our lives easier.

Yet no one can define it in the simple way we can describe other types of energy. We know it to be the most refined and controllable form of energy available to man.

Scientists and engineers have found out a great deal about how it works in the 130 or so years since Faraday's discovery.

But none has ever been able to say precisely what it is, except that it involves the movement of electrons through matter.

Unlike other forms of energy, electricity has had all waste products of combustion removed in the process of generation,

which converts fuel to heat energy, then to mechanical energy, before being upgraded to electrical energy.

It is then a clean, silent, invisible source of energy which is the most versatile in our control.

It is the only form of energy which can do everything in the home - cook our meals, provide our hot water, entertain us, lighten our daily work, control temperature and humidity, and perform hundreds of other tasks.

All the customer has to do is turn a switch!

Carn the blue boys!



* PICTURED for Contact: Tom Knight with sons John (left) and Bruce.



His favourite place is in the vicinity of the grandstand, at the No. 1 Oval in Yallourn. His favourite time – any Saturday afternoon in the Winter. His favourite cry is “Come on you blue boys.” His name – TOM KNIGHT, one of Yallourn’s best known sporting and briquetting identities and our “Personality” for June.

Tom was born in Bendigo and attended the North Bendigo State School. He left School at 14 and started work with the Victorian Producers Co-operative at 22/6 a week. After a few months, he was doing a man’s job – so he got a man’s pay!

When he was 16 he was invited to play football with South Bendigo, glamour team of the Bendigo League, and in 1925 helped it to win a flag and later that year, premiership of the North.

In the depression years, '27, and '28, like so many others Tom battled hard. He was a member of the Golden Square Fire Brigade and about this time applied for a job in Yallourn.

Being a good footballer and fireman proved no handicap and Tom arrived in Yallourn in 1929, to begin work at the Briquette Factory. He lost no time in getting into football and fire brigade circles. In those days he played football on the briquette oval - now the site of the salvage store.

Coached North

In 1930, Tom coached Yallourn North to a premiership win, then came back to Yallourn in 1932 and stayed there until he “hung up his boots” in 1939. He has forgotten the exact number of games he

played with Yallourn, but thinks it would be at least 150 – probably more.

In 1937 it appears that the Yallourn Club was too good for the opposition so it was made to field two teams – the Blues and the Golds – and Tom became Captain/Coach of the Golds.

He cannot remember winning any umpires’ awards during all his time – but feels he may have got a few individual votes. But he did get many club awards – best player many times – most consistent and most determined. Many good football judges claim that Tom was the greatest player Yallourn has ever had – and many others that he was the greatest player ever to come to Gippsland.

Cricket Too

He played cricket too – he was a good slip fielder and a very useful fast-medium bowler.

In Fire Brigade circles he was well known; in the Golden Square Brigade where he ran for five years and of course with Yallourn.

Tom has three sons all of whom work with the Commission and all of whom played football for Yallourn. Bruce, the eldest is an engineering assistant in electrical Division; Daryl, an electrical operator in the Northern Branch of E.S.D.;

Service Register

As mentioned in the last issue of Contact, every month we will publish the names of people who have given 20 years service or more by the end of that month. Because of the numbers involved we will do it by five year periods, i.e. 20 years, 30 years etc.

So congratulations to the following, who at June 30, 1969, had:

20 YEARS

P. Barrett	Services Division
A.P. Carabez	Services Division
V. Carabez	Power Division
C. Cauchi	Power Division
C. F. Duffy	Admin. Division
N.S.K. Edwards	Services Division
S.B. Fisher	Services Division
T.B. Gilmore	Services Division
F.A. Gulson	Power Division
A.B. Hazard	Services Division
E.G. Mercer	Services Division
F. A. Polley	Services Division
R.R. Stewart	Power Division
C.A. Wordsworth	Briquette Division

25 YEARS

C.R.W. Tabart	Accounting Division
S. P. Veal	Services Division

30 YEARS

B.P. Dooley	Accounting Division
K.C.J. Speirs	Admin. Division

35 YEARS

A. L. Crockett	Briquetting Division
G. L. Finger	Briquetting Division
T. McKay	Services Division
W. J. Rodgers	Power Division

and John is a bricklayer at the Yallourn Power Station. He has eight grandchildren – six girls and twin boys.

Trouble-Shooters

Tom is one of the old brigade at the Yallourn Briquette Factory. With his mates Bill Fleming, Mick Sullivan, Gordon Slatter and Flossie Davis – to name a few – he was a member of the old relief gang.

They were the “trouble-shooters” of yesteryear. They could, and did, anything and everything, and by all accounts were a pretty good crew to have around in an emergency, and none more so than Tom. He has been with the Commission for nearly 40 years and has never regretted joining the service.

He claims that coming to Yallourn was the best thing he ever did, not only for himself but also for his boys, who came along later. For its part Yallourn is just as proud of one of its greatest and truest “blue boys” and our personality of the month.

carter's column



Leading Hand Plumber Jim Shaw of Yallourn, seen here with his team – Newborough Under 13 – has the background as a coach of young lads, to bring out of them the best in football and good sportsmanship.



Opening his football career in 1942 with Morwell Bridge he transferred to Yallourn in 1943 and by 1955 had played 201 senior games.

He has the unique distinction of winning the Yallourn Club's best and fairest award 5 times - 1945 - 47 - 51 - 53 - 55, and was the last recipient of the Rodda Medal in 1953, which is old Central Gippsland Leagues top honor of Best and Fairest. This was preceded by a second for the medal in 1947.

He was three times selected as a player in League Combinations - twice with the Central Gippsland and by that league's successor, the Latrobe Valley League in 1954.

Jim was a member of two Yallourn premierships sides in 1944 and 1948 and was joined by his brothers Bill and Simon in the 1948 premiership side.

Three brothers in a premiership side is a most unusual occurrence in Aussie Football.

Other than Yallourn, Jim Shaw was a member of Melbourne (V.F.L.) team in 1949 and a foundation player with Newborough in 1957.

All outstanding football achievement of Jim's is that he has played seven grand finals.

Among the Newborough Under 13 years is son Geoffrey, in his 3rd year, and shows the potential of following in dad's footsteps.

Newborough are in the four at present and Jim is hopeful of another premiership.

Mention the Commission and everyone thinks Yallourn; but the Newborough United Soccer Club has a strong SEC influence with particular emphasis on the Power Station, Yallourn. Could be that is where their driving success comes from - Painter John Lawson is senior coach with Tony Browne (leading hand fitter) as his assistant. Then - in the kindergarten of soccer - the under 14 set up by Rigger Mick Chopping; then the under 12 "steamed-up" by Turbine man Ted Swaboda; the under 10 sparked by Electrician Geo Stables; and Lager J. Stenhouse is "no laggard" with the under eights. Best win last year - Under 10 State champs - and they're on their way again this year.

Alf Obersby of Hazelwood, who has just completed a test shoot for Victorian representation in West Australia shortly, is a strong tip for Gippsland champion of 1969 in riflshooting. He will be stacked up against two astute "gunmen" in Alan Schroeder and Bill Brealey, both of Yallourn. I've received a "nod" that the final could be an SEC affair.

The township originally built by the SEC, Newborough, has produced two champions in amateur boxing. Ken Miller (Instrument maker) has taken the Gippsland lightweight title whilst Bert Langenberg, of Yallourn Power Station the light middle belt. Both come from the stable of Arie Winkelmann of Stores, Yallourn.

"I would still like to play" said former Yallourn player, Don Duncan of Survey who spends his football energies these days coaching the Herne's Oak under 15 years team which competes in the LVJFL competition with some success. Don rightly claims that coaching lads is a big job and is prepared to make sacrifices for his young charges. Bricklayer Gerald Mcrrissy of General Services adds to the ability of the Herne's Oak lads by coaching the under 13 years. Don and Gerald are laying sound foundations football-wise and LV and MG scouts, take a tip. Call into the Oak one weekend.

He's Capitar by name! He is capital by energy! And by leadership the man with a capital ambition is Michael Melbourne of Transport, Yallourn. In my many wanderings as a football scribe I find very few senior clubs with complete presentation of Herne's Oak - the littlest town with the biggest ideas. In their under 15 and 13 matches you get the lot - tearooms, scoreboard with complete information, and neatly dressed umpires. And believe me, a lot of this is due to Mick Melbourne and his capital committee. Good work. Keep it up; and folks around the Oak: give them support.

One of the top pitchers at the Baseball carnival held over Queen's Birthday weekend was Chemist Lloyd Lewis of Yallourn. It appears that Lloyd's intensive practice before the carnival, which included putting his coach, Keith Hall, out of action for two weeks with an injured elbow, paid dividends for the LV team. They did well to make the finals. Keith still rubs his elbow pensively and wonders what price he must pay for a championship shield. Two elbows?

Formsetter Tom Richardson of the Morwell Briquettes was considered to be a most enthusiastic baseballer at the carnival recently held at Bendigo. Spent the whole of the time in the Golden City in his uniform, I believe. Enthusiasm? Hardly. Tom had left his luggage behind when he left with the Latrobe Valley team to journey to Bendigo. Have not been told what Mrs. Richardson, who accompanied her husband on the trip, said when she discovered her clothes had been left also. The single chaps may wonder, but us married blokes know!