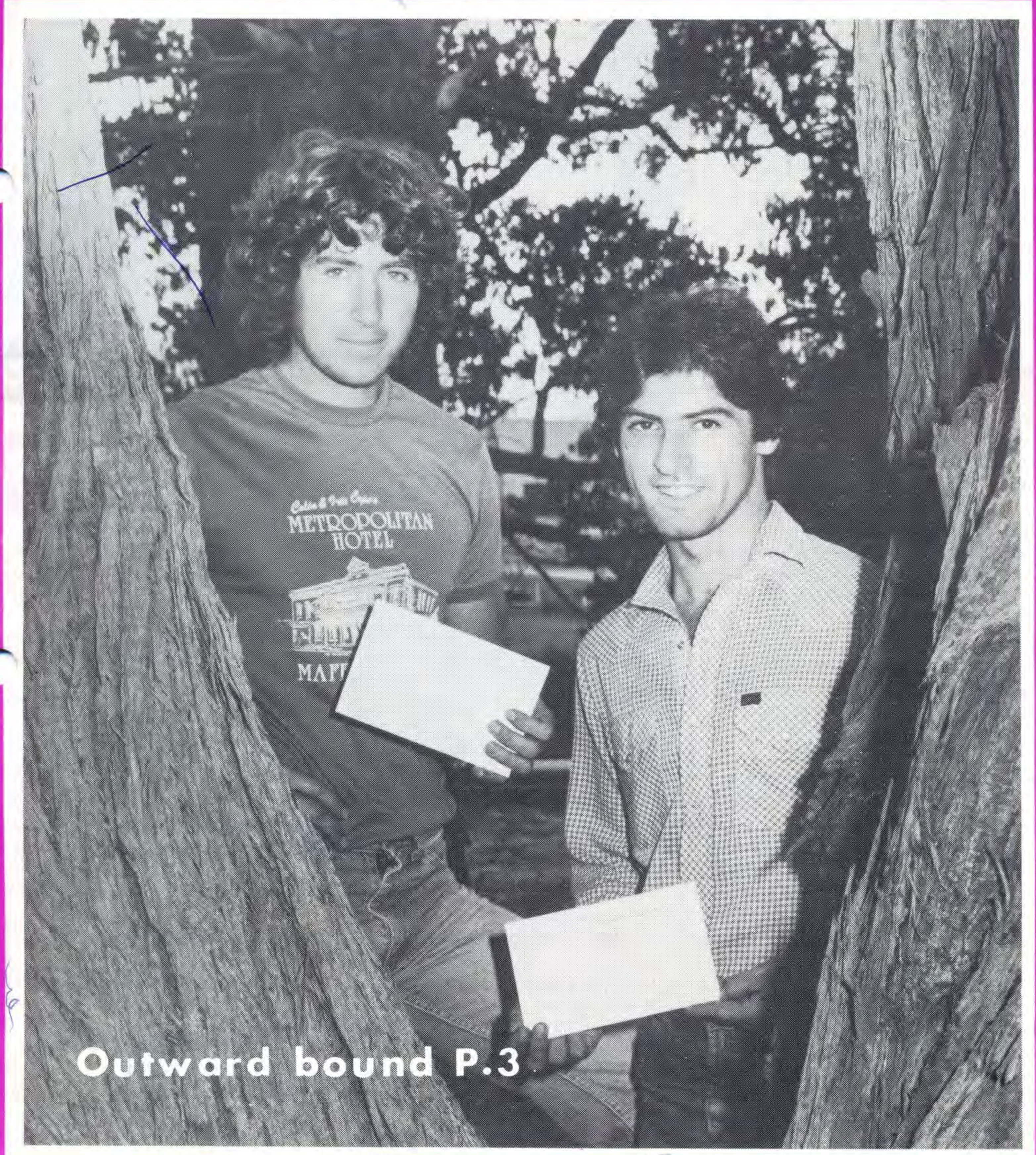




Recovery
CONTACT

MARCH, 1981



Outward bound P.3



Mystery boots

Talk about 'puss in boots' . . .

Trainee rigger Mark West (Morwell Workshops) felt just like the tamed feline when he received a new issue of safety boots from Morwell Stores early this month.

Mark couldn't work out why his right boot wouldn't fit his foot. After some hard thinking he worked out that the right boot was size 10½, three sizes bigger than his left foot.

The scene of Mark trying to work out what was wrong with the boots prompted fellow trainee rigger Jim Smee to take up pencil and paper.

Jim took only 10 minutes to knock-up the sketch (above).



People are going quite nutty over John White's 'junk' sculptures.

John, (pictured above) a supervisor in Loy Yang's Steam Plant Department, makes the most interesting sculptures out of discarded nuts, washers and wire — all out of work hours, of course!

He has made 20 of the black painted sculptures since Christmas giving many of them away to interested friends and family. Completed pieces include a Ned Kelly figure, a convict complete with ball and chain, a golfer, skier and fisherman.

An article in the CIG News about two Sydney boilermakers who have a cottage industry making "nutty men" out of chrome steel prompted John's interest just before Christmas.

"I found it easy to make similar types of figures, although I use discarded materials. The heads are made from nuts, washers are used for the base, fencing wire for the thinner figures and reinforced wire for the thicker ones," John explained.

It takes him about 45 minutes to make each piece and he then welds them together and paints them black.

Cover

Inside

Contact



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for Operations Group
employees.

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Looking fit and healthy are Peter Warry and Serge Salvatore who recently returned to work at Yallourn W after spending 26 days in the bush on an Outward Bound Course. They are pictured holding their certificates from the Outward Bound School. See story page 3.

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Rough, tough and very rewarding

Peter Warry and Serge Salvatore are ready to take on the worst the world can throw at them after spending 26 gruelling days in the bush on an Outward Bound Course.

Peter and Serge both work at Yallourn W. Peter is an engineering assistant in Electrical Tests and Serge is an instrument and control tradesman with Technical Services.

Forty-two people took part in the course, including two Melbourne-based Commission employees, and they were broken up into three groups of 14.

Their outward bound trek started from Tharwa, 30 kilometres south-

west of Canberra, and ended with a 12 kilometre run back there some 20 days later.

In between they canoed, mountain climbed and walked some 210 kilometres in a circular route over mountain ranges and through National Parks near the NSW and ACT border.

"After some initial bushwalking we spent three days canoeing down the Goodradigbee River to Weejasper and then took part in a three day cave-in, spending seven hours in one cave. From mountain climbing and abseiling on Mt. Coree we had to survive individually for three days. Finally in groups of five we

walked back to the finishing point in five days," Peter explained.

Peter said some days they walked for 14 hours and coupled with food rations of canned meat and fish, both lost some weight while on the course.

For the past two years the Commission has invited one commercial and one technical trainee or apprentice from the Latrobe Valley to take part in the course, which aims to promote initiative, self-reliance and leadership qualities.

About 500 young people from all over Australia take part in the courses during the year, gaining a certificate upon completion.

Robert takes State award

Twenty-year old Robert Lang of Glengarry is Victoria's electrical apprentice of the year.

Robert (pictured right) who works with Coal Production, Morwell, was presented with his award — a \$1000 grant and a bronze medallion — by the Minister for Employment and Training Mr. Brian Dixon in Melbourne last month.

He will now compete for the Australian electrical apprentice of the year award in Sydney.

Robert has a creditable list of awards already behind him.

In 1977 he received a certificate of distinction and was the top first year electrical apprentice at the Yallourn Technical College. In 1979 he was the top third year electrical apprentice at Yallourn Technical College and also won the coveted Gippsland regional apprentice award.

Robert's younger brother Stewart is also an electrical apprentice with the Morwell Electrical Workshops.



School looks for skills to share

Yallourn Technical College is looking for people with some spare time on their hands Wednesday afternoon between 1.30 pm and 3.00 pm.

The college would especially like to hear from retired people or shift-workers for their clubs program which is run on Wednesday afternoons between 1.30 pm and 3.00 pm to broaden the interests of the students, develop skills associated with leisure time, develop greater social awareness and involve the community in the school.

Organiser Carol Elswyk said the program covers 23 activities including community service, first aid, gardening, home handyman, stained glass, leatherwork, canoeing and a wide range of sports.

These are held both at the school and outside with some boys travelling to Morwell Ten Pin Bowling, Yallourn Golf Club and Newborough Bowling Club.

The courses generally run for six weeks with some extending to 12 and the boys rotate activities from a list of five preferences.

Carol said the program is heavily subsidised through the Disadvantaged Schools Grant so cost to the boys is minimal.

"We are looking for people to help us with a club or better still to start a new one," she said.

Interested people should contact the school on 27 2277 or go along any Wednesday afternoon between 1.30 pm and 3.00 pm.

Workshops extension

A \$65,000 extension program has started at the Morwell transport workshops.

Transport Engineer Peter Elliott says the 690 square metre extensions are expected to be completed by November this year.

"Included in the new look workshop will be upgraded servicing facilities and support annexe.

Site works are currently being carried out by contractor C. D. Mason of Geelong.

The work is the first stage of improvements to the transport workshops. The second stage is planned for 1983.

When completed the shop will be capable of handling a greater amount of work.

Easy win to C.P. in cricket knockout final



Morwell Coal Production comfortably defeated Yallourn Power Station in the final of the Commission's annual knockout cricket premiership at Yallourn on March 1.

Final scores were Morwell CP 2/75 to YPS 5/66.

Yallourn batted first with captain Ray DeCarli 22 not out. Top wicket takers for Morwell CP were Cyril Beechey 2/8, Graeme Freshwater 2/17 and Brian Higgins 1/10.

Morwell CP were helped to victory by two good batting performances from John Harrison 23 retired and Brian Higgins 23 not out. The only wicket taker for YPS was N. Graham 1/19.

Area Administration Manager George Bates presented the championship trophy to Morwell CP Captain 'Chips' McCafferty.

Batting aggregate trophy winner for the day, was L. Duke (Yallourn W) 153 runs; bowling Paul Robertson (Moe ESR) eight wickets, and the fielding award went to Joe DeGuara (HPS).



Left: Yallourn Power Station batsmen tackle the bowling of the eventual knockout winner Morwell Coal Production.

Above: Area Administration Manager George Bates (right) presents the perpetual trophy to Coal Production's Captain 'Chips' McCafferty.

Top: The premiership champions, Coal Production pictured after their grand final victory.



“W” chalks up Aust. first

Yallourn W has chalked up an Australian first — and appropriately it happened on Australia Day weekend.

Hydrofluoric acid (HF) was used for the chemical clean of unit 3 boiler — the first time such an operation has been carried out in an Australian power station.

The success of the operation has confirmed the use of the acid in future SEC boiler cleans.

“The clean was a great success, verifying all the Commission had been told about HF in the effectiveness of the clean and in the lack of residues in the heaters and vessels after the clean.” said Frank Martin who was among SEC personnel attending the big event.

Herbert Schlizio, a consultant with vGB (a world association of major power stations) came from Germany for the clean, which was carried out by Maxwell Chemicals.

Both he and Kevin Bailey, an SEC Power Department chemical engineer from Melbourne, recommended that HF be used for the cleaning of W Stage 2 boilers. During a recent overseas experience and study award Kevin found that almost all operators and suppliers in West Germany recommended the use of HF in the once through mode.

14 in team

Maxwell Chemicals' team of 14 men was headed by Ian McDonald and John Corbett.

The cleaning process took about a week and prior to the acid clean, which used 15 tonnes of HF, the boiler was flushed through with water and detergent to clear all debris.

Only those directly involved attended the acid clean and after 24 hours the acid was flushed to create a passive, stable surface on the pipework.

SEC engineer John Stewart, who was involved in the preparatory work, explained that hydrochloric

Right: In preparing for the chemical clean Aiton Australia Pty. Ltd. installed some temporary pipework and D. Victor and Sons set up temporary pumps and tanks. Pictured is the Aiton crew. Top: Riggers Hoop Kirkviet, Shaun Keenan, Tom Burnett and George Mercer. Middle: Supervisors John Bass and Tony Nimko, fitter Jack Grunberg, TA Mark Carrodus and fitter John Tyburski. Front: TA Don Patterson, pressure welder Don Kendel and TA Bob Moore.

acid (HCl) had been used for boiler cleaning on Australian power stations in the past. Until its use at W station, HF was limited to petrochemicals plants like the Shell refineries.

Quicker

“The advantages of HF include the need for only 48 hours for cleaning of HP heaters, economiser and evaporator as against 13 days for acid cleaning with HCl.

“HCl does not significantly dissolve the oxide deposits, but rather displaces them from the metal surfaces. As circulation must be employed for this slow acting acid, the potential for redeposition, blockage and sludge formation is high,” said John.

“However, HF dissolves most deposits very quickly and those that are not are continually flushed out of the system, not recirculated.

Right: Don't worry, the Martians haven't landed. It's just Paul Bucholz from Maxwell Chemicals, who was enclosed in a rubber Zoot suit for the acid clean.





They come from everywhere...

The Commission has more than 8000 employees in the Latrobe Valley, but they don't all live in the Valley as a recent survey indicated.

In fact employees travel from far and wide. One even comes from Johnsonville, near Bairnsdale, which is 179 kilometres from his work place at Yallourn W.

Other employees come from as far as Dandenong, Emerald, Sale,

Inverloch, Woodside, Yarram, Leon-gatha, Willow Grove and Newry.

The main six employee home centres are Morwell (2311 employees), Moe (1625), Newborough (1283) Traralgon (808), Churchill (550) and Yallourn North (408).

Overall employees come from more than 57 centres throughout the Latrobe Valley and Gippsland to work with the Commission.

New Valley security organisation

Area Security Officer Graham McCormack is quickly settling into his new role.

New to the Commission, Graham began work on February 2 after a long period in police work in Scotland. He worked for 31 years with the City of Glasgow police force which later became part of the Strathclyde Police.

After coming to Australia 18 months ago, he spent a short time as a Woolworths security loss control manager and was then employed in the Sheriff's Office of the Supreme Court in Melbourne.

In his latest role Graham is responsible for area security for the Latrobe Valley based operations.

He is assisted by new security co-ordinating officer Ray Houghton and his assistant Hugh Gunn, who both previously held supervisory positions with Patrol. Ray reports to Graham on the technical aspect of security and daily schedules and Hugh concentrates on daily operations.

Four new shift supervisors have also been appointed — Harry Clark, Eddie Keating, Eric Cox and Col Parr, who were all previously in patrol. Dick Gray remains Yallourn supervisor and Norm Casey is Loy Yang supervisor.

Below: Hugh Gunn, Graham McCormack, and Ray Houghton.



Inquiry centre busy

The Commission's new developments inquiry centre in Tarwin Street, Morwell has attracted a steady flow of visitors since it opened last month.

Public Liaison Officers Bob Bridle and Peter Leslie man the centre daily, providing information on current and proposed Commission developments in the Latrobe Valley.

Details of the proposed Driffield power project — Morwell River diversion form a major part of the inquiry centre display.

Maps, drawings and models are used to provide up-to-date information on Commission activities.

Bob and Peter are pictured above at work in the new centre.





Setting scene for conveyors

Prentice Bros and Minson is well advanced on the stage 2 open cut civil works at Loy Yang.

This contract includes the erection of conveyor foundations and slabs, road drainage, water supply and gravel pavements.

The contract, scheduled for completion by October, involves pouring of 8500 cubic metres of concrete in the conveyor foundations and slabs, 4.5 km of kerb and channel, 2 km of road drainage pipe and 500 metres of 100 mm AC water main.

The bulk of the work is associated with construction of the conveyor foundations next to the Fuel Department Offices.

There are currently 30 men working on the contract led by Prentice Bros. and Minson project manager Brian Moritz, site engineer Ian Godson and superintendent Ted Lindsay. The SEC Fuel Department overseer is Barney Medve.

Garage full of headaches

Wayne Knibbs' double garage is full of empty beer cans.

But, although Wayne does like the odd drop of the amber liquid, he is more interested in the cans than their contents.

He has an impressive collection of 1200 beer cans from all over the world and they neatly line four walls of the garage-cum-bar at his home in Dunbar Avenue, Morwell.

Wayne, a plant operator with Morwell Coal Production, began collecting the cans two years ago and soon after joined the newly formed Australasian Beer Can Collectors' Club through an advertisement in Post magazine.

"Through the club I swap Aussie cans with collectors in USA, Denmark, England and Europe," Wayne explained.

He empties the cans first – a pleasurable task – opening them from the bottom so they appear unopened from the top.

His collection includes the uncommon flat topped Australian cans and he has an impressive array of American cans with their myriad decorations and sizes. Wayne said beer can collecting is immensely popular there and that some American club members have over 12,000 cans.

Because manufacturers periodically change the cans both in Australia and overseas there is no end to the collecting. Wayne has 16 feet of shelving left in his 20 by 24 garage and then he might start installing aisles.

Wayne doesn't mind admitting he will travel near and far for a can. He can be contacted at work on extension 3320 or at home on 34 3828.

Wayne is pictured in his beer-can-lined garage. The smallest item in his collection is a 7oz American can and the largest is a five litre German can.

Where is it?

Does anybody know where 'Wallerby Drive' is?

No it's not in Morwell, Moe or Traralgon. It is – would you believe – in the Morwell open cut.

Someone has painted 'Wallerby Drive' in bright orange paint on the guard rail on No. 3 level.

You never know, this could be the start of something. Could you imagine the roads in the open cut having names like, Kangaroo, Wombat, Koala, Galah, and Emu?





ENGINEERING
SERVICES

Cooling tower gets a facelift

Yallourn Civil Works' painters have just completed a most unusual project

Geoff Henderson, Wayne Hawken, George Ellul and apprentice painters Joe Rendell and Wendell Symons from Civil Works, Yallourn, have just finished painting the inside of number 2 cooling tower at W station.

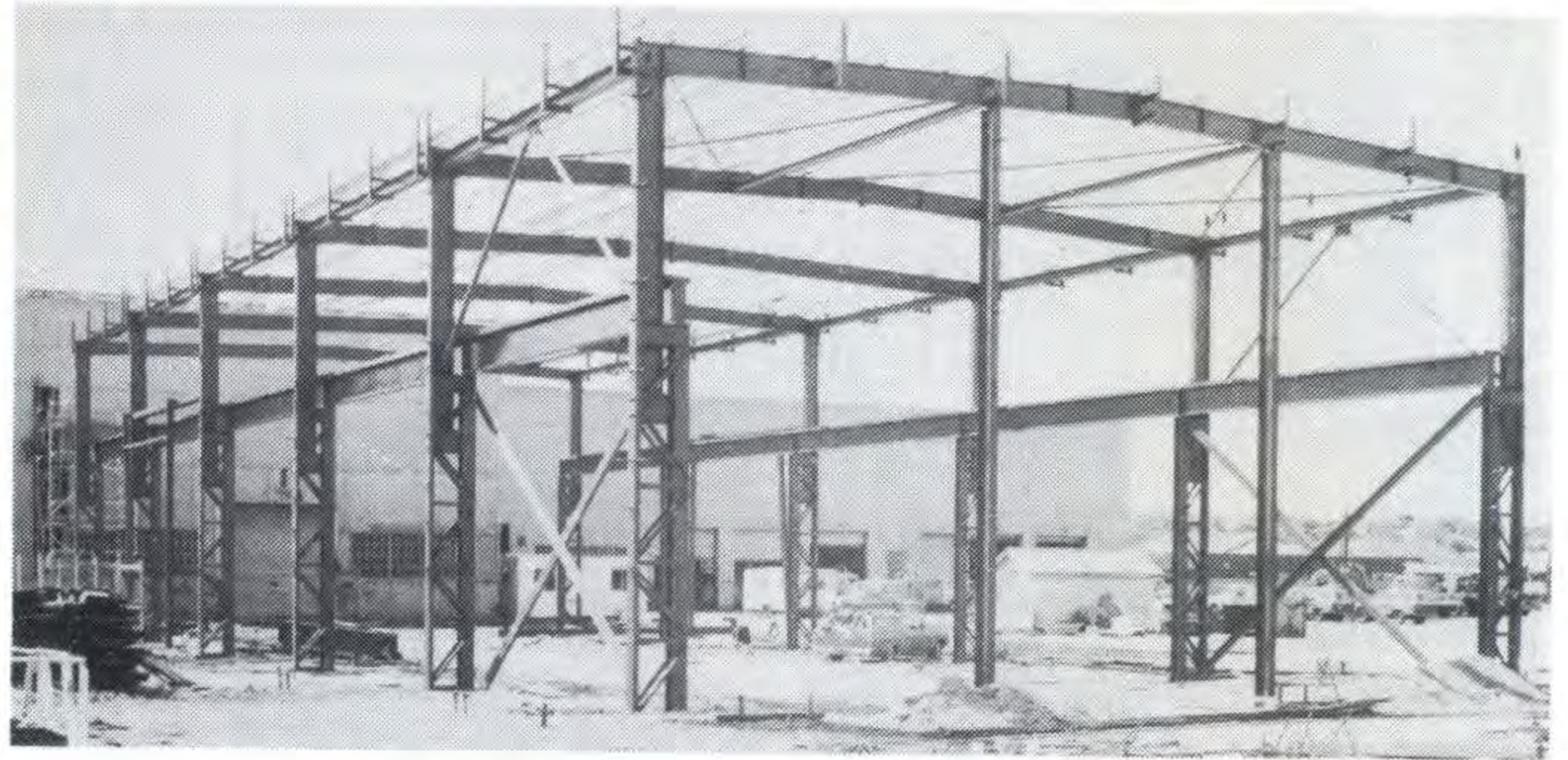
That's right — INSIDE the tower. They spent six weeks painting the barnacles off the handrails and walkways, the only steelwork in the tower.

Civil Works took advantage of the tower being temporarily out of action to clean and paint the steelwork, which foreman Norm Spittall described as looking like it had been submerged in sea water for years.

"We painted number 1 tower's steelwork in January, 1980, experimenting with 11 different types of paint and methods of application. We used the product which weathered best for the second tower, applying four coats of paint," Jack explained.

Before painting, the metal on the handrails and walkways was cleaned with needle guns and airwire brushes.

Geoff Henderson (left) and Wayne Hawken are pictured below working inside the cooling tower.



Work has started on \$1 million extensions to bays 4 and 5 at the Morwell Workshops.

Acting Workshops Superintendent John Dunkin says the work involved the construction of more than 1200 square metres of workshop at the southern end of the existing building.

The new extensions will provide additional room for the boilermaker and create a cover over the existing steel yard.

Contractor C. D. Mason of Geelong began work in February and is expected to be completed by November this year.

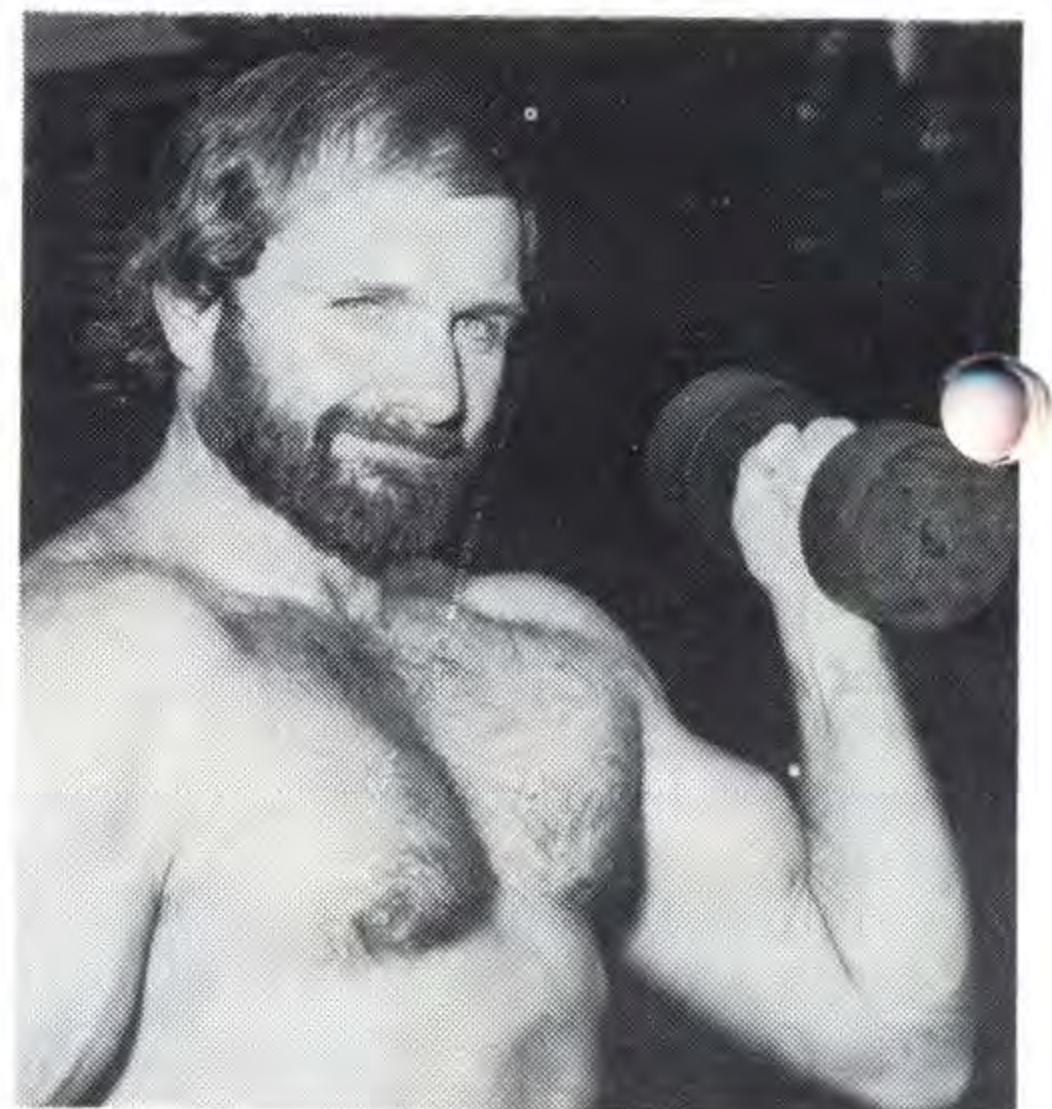
While most of us do our best to put on weight at lunchtime, Peter Shears takes it off by spending his 30 minutes exercising and weightlifting. Peter from Civil Works, Yallourn, takes his fitness campaign seriously, spending his lunchbreaks and two to three hours every evening improving his physique and fitness and keeping his weight under control.

Lunchtime is reserved for exercising with handweights of 25 lb each and every evening he combines an hour of exercises with about 90 minutes of lifting 250lb weights above his head, power weightlifting up to the waist using 400lb weights, and bend and press exercises lifting 200lb weights up to the chest and overhead from a prone position.

At his Newborough home Peter does his routine out in the open or under the carport watched by his two children Brett, 7, and Andrea, 6, whom he looks after while his wife Meryl goes off to her part-time job.

He has been interested in physical fitness since returning from Vietnam 15 years ago and has been doing the lunchtime weightlifting for two years, after a promotion to foreman at Civil Works.

A lunchtime lift



"Once I was off the tools I figured I needed a bit more exercise," he explained.

Weighing in at 13 stone Peter would qualify for the light heavy-weight division if he chose to enter competitions. He would probably do well enough, but until they get a little older his two children are his only audience.



POWER GENERATION



ARTHUR EWEN

Former Hazelwood Power Station Superintendent Arthur Ewen retired on January 21 after more than 30 years service.

Arthur joined the Commission in January 1951 as an engineer with Generation Branch, Production Department at the Newport Power Station. He transferred to the Latrobe Valley in March 1957 when he was appointed Stations Engineer at Yallourn.

He then took up a post as Assistant Power Station Superintendent Production (Generation) at Morwell in January 1960, which was followed by a move back to Yallourn in April 1962 as Assistant Power Station Superintendent at Yallourn.

Further promotions came in 1966 when Arthur was appointed Power Station Superintendent, Morwell, Power Division. In 1967 he was appointed Yallourn Power Station Superintendent and Hazelwood Power Station Superintendent in February 1975, the position from which he retired.

In retirement Arthur plans to spend most of his time enjoying his hobbies of photography, painting and working in his workshop.

At an informal farewell function Arthur was presented with an electric drill, a television set and a photo album.

New \$2.2m cooling tower

Yallourn Power Station is to get a new \$2.2 million mechanical draught cooling tower.

The tower will be constructed north of 'C' station and will be an addition to the cooling towers already in use.

YPS engineer Ray Beebe says the Station is currently losing up to 60 megawatts because of a shortfall in its heat rejection capacity. The new tower will save most of this lost energy.

Work is expected to start next month and will be completed by December.

The tower will be the first constructed at YPS for more than 20 years.

It will be 10 metres high, 60 metres long and 15 metres wide.

Workshops social club

Applications for membership of the Yallourn Workshops Social Club, for 1981-82 closes on April 30.

For further information contact John Hoffard Ext. 3446.

Murdoch wins car rally

MORE than 30 cars took part in Morwell Power Station and Briquette Factory Social Club's successful car rally last month.

Beginning in Commercial Road, Morwell, the rally finished 70 kilometres later at Mossvale Park near Leongatha.

A barbecue and music rounded off a successful day which will now become an annual event.

Men's section winner was Jim Murdoch from Dave Shankland and Peter Lovison, while the women's section went to Joyce Hewitt from Mrs Jim Howes.

A special poem contest conducted at the barbecue was won by Miss Gork.

Receiving their instructions from official starter Roy Carter (far right) are Joyce and Bill Hewitt.





“W” station high voltage testing

Induced high voltage tests have been carried out on units 3 and 4 generator transformers at W Station.

Jan Ashmore and John Mollenson (top), Frank Piscopo and Colin Hickman (below), members of a special SEC team from Fishermen's Bend, are pictured (above) during the tests.

Over three days they induced a voltage of 440 kilovolts into the transformers, checking the various parameters of the transformer with the original workshop test results.

“This helps establish that the equipment as supplied is functioning in accordance with the original design,” explained engineer John Mollenson.

The Fishermen's Bend team do all induced HV tests for SEC power transformers. They transported their portable voltage generators and meters to W by semi-trailer.

Following this successful induced HV test, erection of the generator transformers is now being completed including the surge divertors, neutral isolating switch, earth switches and connection of the overhead droppers. Control circuit checks and phase insulated bus connections will complete work by the end of March.

Start soon on new \$1.6m switchyard

A new \$1.6 million switchyard is to be constructed 100 metres south of the Jeeralang Gas Turbine Station.

Work is expected to start in April this year and is scheduled to be completed by mid 1982. The switchyard will be known as Jeeralang Gas Station Switchyard.

It will include eight 220 kilovolt Siemens circuit breakers featuring switch gear design more

advanced than equipment currently installed by the Commission.

A road will connect the new switchyard, to be developed on a two hectare site, and the Hazelwood Terminal Station.

The Jeeralang Gas Station Switchyard will be controlled from the Latrobe Valley Control Centre at Morwell.

Ian's our all-round Champion

Champion by name and champion by nature, that's our boy Ian.

Ian Champion, an electrical engineer with Yallourn Field Tests LVCC and W Field Tests, was declared Skipper of the Series for Australian Catamaran Week held from January 19-26 at the Sorrento Sailing Club.

Ian won the coveted title from 200 other boats and 300 yachtsmen competing at Australia's biggest catamaran regatta.

The race was broken into four divisions of crafts of under 14 ft, 14 ft, 16 ft and 18 ft and over.

In his 14 ft Arrow catamaran, Ian won the two series in his division competing in all nine races. Overall he scored six firsts, a second, fourth and sixth placing. He was the only sailor to win both his series and was rewarded with a metre high trophy which he retains until next year's regatta.

Before his big win at Sorrento, Ian successfully competed in the Australian National Titles at St. Leonard's near Queenscliff from



Ian is pictured testing the electrical wiring around W Station.

December 28 to January 3, finishing sixth out of 50 boats.

Ian has been sailing single hull yachts since 1966 and catamarans since 1969. However, it is only in the last two seasons that he has really got back into sailing.

Ian has been a member of the Latrobe Valley Yacht Club for two years and races every Sunday on the Hazelwood Pondage. He has worked with the SEC at Yallourn for two years and is now being transferred for 12 months to Mt. Beauty as an engineer-in-training at Stations Hydro Division. “Moonshine” is going too because from there he can yacht on the Hume Weir.

Loy Yang A control centre takes shape

The unique A station control centre is taking shape at Loy Yang.

It is the first control centre to be built in the Latrobe Valley separate from the power station. Other control centres have been built as part of the main power station and usually look out over the turbine room. The Loy Yang control centre has a view to the north away from the main station.

Positioned between units 2 and 3, it is a steel framed concrete encased structure with concrete floors.

It is being built by Lewis Constructions, who have 117 men working on the project. Lewis site manager is Don Crowle, SEC engineer is Brian Gladman and SEC supervisor is Ray Davison.

Lewis plans to complete the first part of the building within seven months so that Leeds Northrop can begin installation of the instrumentation.

Lewis has already erected about half of the structural steelwork, has almost finished the cable rises, main lift shaft and stairs, and has poured about one third of the concrete floors.

The five storey building has some 20,000 square metres of floor area equivalent to about 140 average sized houses. The ground floor contains first aid facilities, canteen, lecture rooms and computer simulator.

This simulator, unlike a general purpose simulator at Hazelwood power station training annexe, will be a

Commissioning team

Members of the SEC commissioning team are becoming increasingly well known as they move around Yallourn W station.

The team is lead by Frank Martin and 21C David Jones with Malcolm Clayton, David Dunston, Kim Hayes, Tony Hill, Kevin Woff and Paul Walkley. All are from Projects Division, Power Department, Monash House.

"We started coming to W in December 1979 and have been on site continuously since about August 1980, working on whatever plant is available for commissioning and testing," explained Frank.

He said the flushing of oil lines

replica of the actual Loy Yang plant and is planned to be in service a year before the plant is in operation to provide valuable initial training for operators.

The simulator will look like a two unit control room with a set of controls for unit 1 and unit 2, but one computer serving both.

Brian Gladman said the basement will contain car park and cable tunnels the first floor the administration offices, second floor relay equipment and emergency power supply, third floor cable racking, fourth floor more relay equipment and unit control panels for control of units 1, 2, 3, and 4 and communications equipment, and fifth floor the plant room.

"The unit control room will have four control panels. There will be instrumentation along the back wall and separate panels in front in a horseshoe design. All lighting will be serviced from outside the UCR to eliminate any access problems for the servicemen, the UCR being manned 24 hours a day, seven days a week," he explained.

Architecturally, the building is not uniform or repetitive in design, said Brian.

Ranging from a quarry tiled, columned ground floor and entrance foyer faced with reconstructed stone through to the cable rack floor at the other end of the scale.

and initial checking of the eight pulverised fuel mills, supplied and erected by ICAL, has begun. The flushing began over the Christmas break

Apart from the milling plant the team is also working on the draught plant (Part of ICAL's boiler contract) coal conveyors (Johns and Waygood) fuel oil handling and auxiliary firing equipment, feed pumps and ash plant with the objective of meeting a steam-line blowthrough by the end of March.

Frank said the team works in close co-operation with the contractors' commissioning personnel. They will be at W station until Unit 3 is handed over.



The field test group includes Stan Plait, Alex B. Dickson, Stephen Inger and Ian Champion (above).

Largest test group in L.V.

The SEC team responsible for testing of plant after the contractor has completed erection and testing is the 22-strong field test group led by engineer John Tulloch and supervisor Ken Healey.

It is the SEC'S largest field test group in the Latrobe Valley.

"We do pre-commissioning on all items of electrical plant in the station. We actually move in before Frank's (Martin) team, getting the plant ready for commissioning, doing a dry run, making sure things work," explained John.

He said that while his group checks that individual items work, the commissioning team repeats a lot of their tests and is responsible for the successful running of items of plant as a system.

John's team is also currently involved in work on six of the eight PF mills.

"Our numbers have grown from six on Stage 1 to 22 on Stage 2 because of the different testing responsibilities taken up by the SEC," he said.

COOLING TOWERS HEAD SKYWARDS

Construction of the first two Loy Yang A power station cooling towers and associated works is now well under way.

Lewis resumed work on the four cooling towers before Christmas, working on the first two towers simultaneously plus civil works for the first pump pit. They also began excavations for the cooling water conduits.

The towers will be 115 metres high and each will serve a 500 mw unit. Each has a diameter of 86 metres at the base, tapering to 49 metres at the 'throat', and opening to 53 metres at the top.

Each tower shell (excluding foundations) contains 4500 cubic metres of concrete, 660 mm thick at the base, tapering to 180 mm after nine metres before expanding to 400 mm for the top 10 metres.

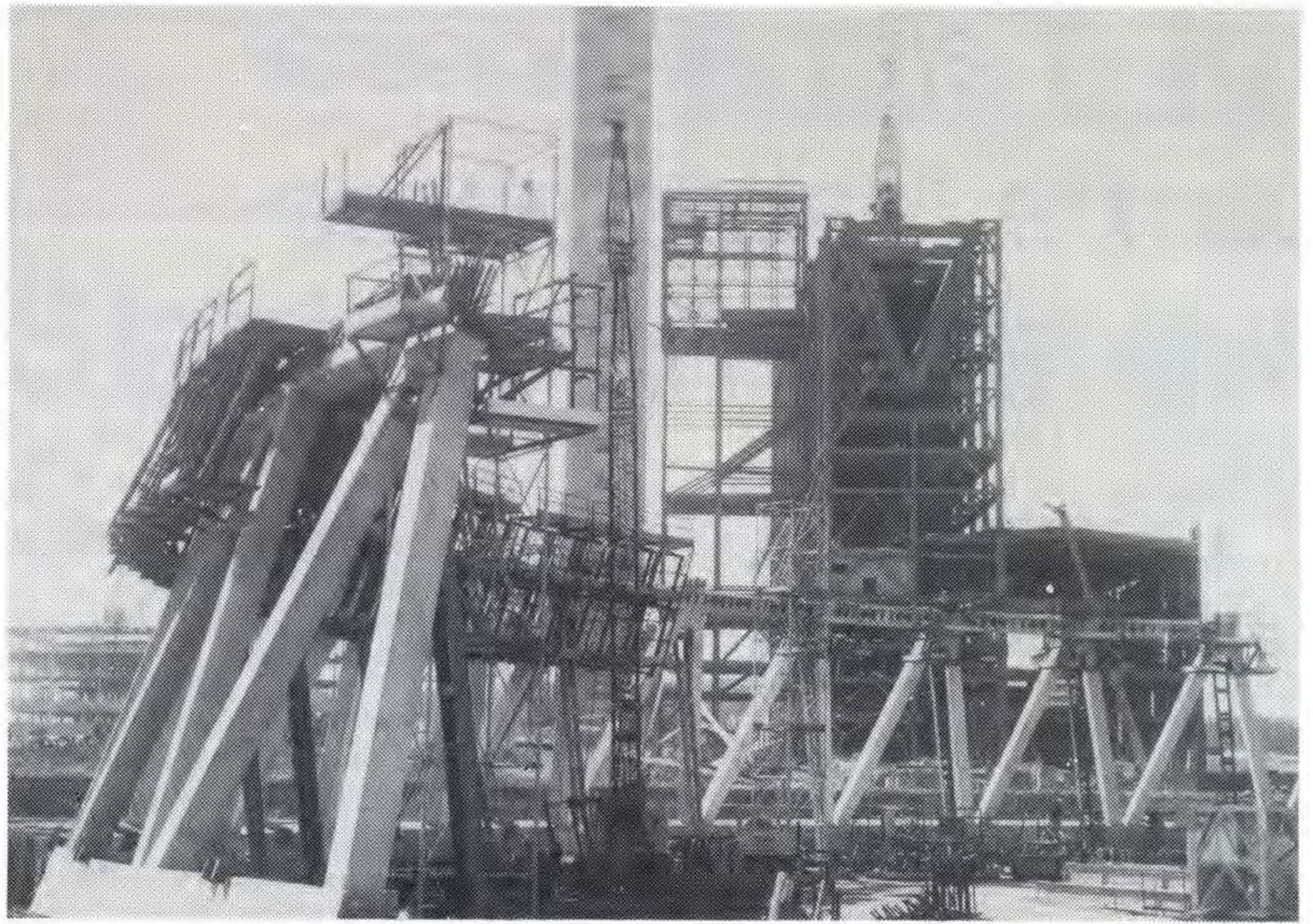
Natural draught

The natural draught towers enable the same cooling water to be used over and over. The water is heated as it passes through the power stations steam condensers. It is then piped to a height of about 12 metres in the towers and allowed to fall from sprinklers. The hyperbolic shape of the towers helps maintain an up-draught needed to cool the water.

Each tower has a pond storage of 10,000 cubic metres and it takes about 20 minutes for the water to circulate. Evaporation will be about one cubic metre per second for all four towers when operating at full load.



Above: Some of the scrapers excavating and placing select fill.



A concrete pump pit, measuring 132 metres by 12 metres, and 10 metres deep will house pumps to boost water into the towers. Each pair of towers will be served by one pump pit.

Pumps

There are two pumps per unit, each with a capacity of five cubic metres per second. There are 1½ kilometres of cooling water conduits with internal measurements of 2.3 metres by 2.3 metres.

Lewis has 55 men on site and is now building up the workforce to peak at 80. Project manager is Colin Johnston. The first tower is scheduled to be completed next

year with the other three following at yearly intervals.

Colin explained that Lewis has updated the shell formwork system the company employed in building the W station towers. Each tower comprises 72 1½ metre high concrete rings.

"We are also using pre-cast extensively, supplied from our own pre-cast yard at Loy Yang. This method saves much time and is more efficient than the alternative method of pouring concrete in-situ", he said.

Our photo (above) shows the pre-cast columns and shell formwork partially installed on the first cooling tower.

All systems go

The Loy Yang B station bench is a hive of activity these days.

Roche Bros. Pty. Ltd. is taking advantage of the summer to work two shifts preparing an area of about 1000m by 750m which will become the B station bench. Four hundred thousand cubic metres of material has been excavated, some being retained to topsoil the exposed batters and the balance being carted to a spoil dump. Three hundred thousand cubic metres of the select material has been excavated and used as fill to prepare the bench.

The company is excavating 28,000 cubic metres of material and placing 14,000 cubic metres of select fill per day.

Their equipment includes 10 off-road haulage trucks of up to 75 tonne capacity, eight scrapers, a Manitowoc

dragline and rollers, bulldozers and graders. There are 60 men on site.

Two Armco superspan culverts are being erected simultaneously for Roche Bros. Pty. Ltd. by Thom Bros. Pty. Ltd. The Armco trench has been excavated, two low quality water pipes have been laid, and the area backfilled ready to receive the Armco steelwork.

Roche has the contract for the B station earthworks and services and will eventually excavate 3.5 million cubic metres from the B station bench of which 1.2 million cubic metres will be used for fill. The remaining two million cubic metres will be carted to the overburden dump.

The earthworks will be completed by May 1982, roads and services by Christmas 1982 and total works by May 1983.

SERVICE REGISTER

Commission staff and wages personnel who reached significant service milestones during March are included in this register.

MARCH

	25 YEARS		31 YEARS
Alf Aquilina	Yallourn Power Station	Stefan Gural	Yallourn W Power Station
Victor Grima	Yallourn Power Station	Joe Galea	Yallourn Power Station
Egor Hoffmann	Yallourn Open Cut	Emmanuel Ellul	Yallourn W Power Station
Jan Alcock	Yallourn Power Station	Carmel Mallia	Yallourn W Power Station
Geoff Darvell	Central Workshops, Yallourn	Frank Balzan	Yallourn Power Station
Haddon Anderson	Yallourn W Power Station	Peter Vella	Central Workshops, Yallourn Patrol
		Jim Ireland	
	45 YEARS		30 YEARS
Keith Parker	Yallourn W Power Station	Henry Blanch	Yallourn W Power Station
		Arthur Camenzuli	Transport (H)
	43 YEARS	Jez Lukovic	Yallourn Open Cut
Gordon Taylor	Hazelwood Power Station	Wladslaw Pegiel	Morwell Briquette and Power
			Yallourn Open Cut
	41 YEARS	Franz Falthum	Hazelwood Power Station
Ken Woff	Property	Jim Gina	Yallourn Open Cut
James Shaw	Civil Services	Milivoje Jovanovic	Yallourn Power Station
		Richard Roberts	Morwell Briquette and Power
	40 YEARS	Wlaydslaw Koscrelecki	Yallourn Open Cut
Maurice Rodda	Mechanical Services		Hazelwood Power Station
		Han Kowalik	Yallourn Open Cut
	38 YEARS	Ray Healand	Hazelwood Power Station
Don McAlister	Yallourn Power Station	Emil Kobiela	Yallourn Open Cut
		Dusan Milojevic	Yallourn Open Cut
	35 YEARS	Nev Thompson	Secretarial
Bill Vanderfeen	Loy Yang Stations		
Don Foster	Hazelwood Power Station		
Vern Collings	Personnel		
Claude Whitbourne	Public Relations		
	34 YEARS		
Bruce Hutchinson	Industrial Relations		
Fred Badenhope	Morwell Open Cut		
Ken Cooper	Finance		
Frank Hiscock	Finance		
	33 YEARS		
Alf Rawlings	Electrical Services		
Bill Slade	Yallourn Power Station		
Ron Allpred	Headquarters, Coal		
Ian McArthur	Morwell Briquette and Power		
	Yallourn Open Cut		
Norm Roy	Mechanical Services		
Herb Cameron	Yallourn Open Cut		
Ken Hender			
	32 YEARS		
John Lawson	Management Power Generation		
Robin Miller	Morwell Briquette and Power		
Jan Bielajs	Finance		
Doug Tee	Morwell Open Cut		
Antoni Liczak	Yallourn Power Station		

CONTACTS

FOR SALE

Luxman L5 Studio Standard Series 60w rms per channel integrated amplifier immaculate condition \$450 ono. plus one pair B & W DM2 Mark 2 speakers \$750 ono. Contact Stephen Heath 27 5390.



Boat. Sportsman's Craft Commodore half cabin camper canopy with all safety gear and fittings, \$9950, finance arrangeable. Contact Trevor Bott 74 3772.



Australian native plants. Limited number in 150 mm (6") pots including Grevilleas, Acacias, Brachychitons, Melaleucas, Hakea Laurina, Callistemons, Kunzeas and Pittosporums. \$1.40 each up to 19 plants; \$1 each 20 and over. Contact Ray Williams HPS mechanical maintenance 5280 or ah Hazelwood North 66 1306.

retirements

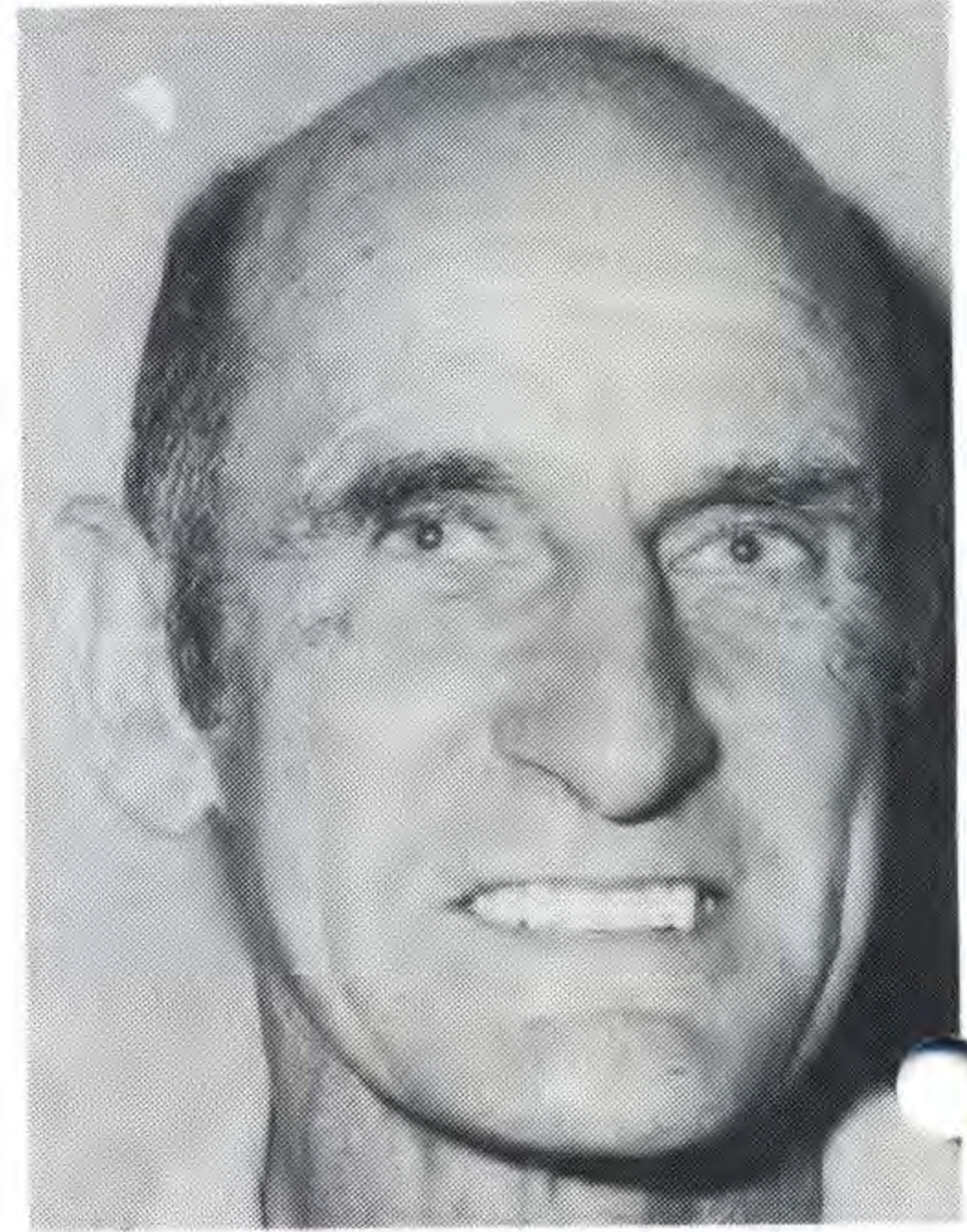


KEITH DOBBIE

Keith Dobbie was presented with a gold watch and wallet at his retirement function at the Morwell open cut canteen.

Keith joined in August, 1961, as a platelayer at the Morwell Open Cut. He was promoted to leading hand platelayer that December, was reclassified as a track ganger in January 1962, and in September 1964 was made a leading hand track ganger.

In May 1974 he was appointed to the staff as a foreman in charge of the Morwell Open Cut conveyor services gang, the position from which he retired.



FRED RICHARDS

Fishing and gardening are among the interests Fred Richards will enjoy following his retirement from the commission after 40 years service.

Fred joined in December 1940 as a laborer at Yallourn power station and retired as an operator grade 2 from Yallourn open cut.

A farewell was held for him at the Yallourn Hotel where he was presented with a wallet of notes.

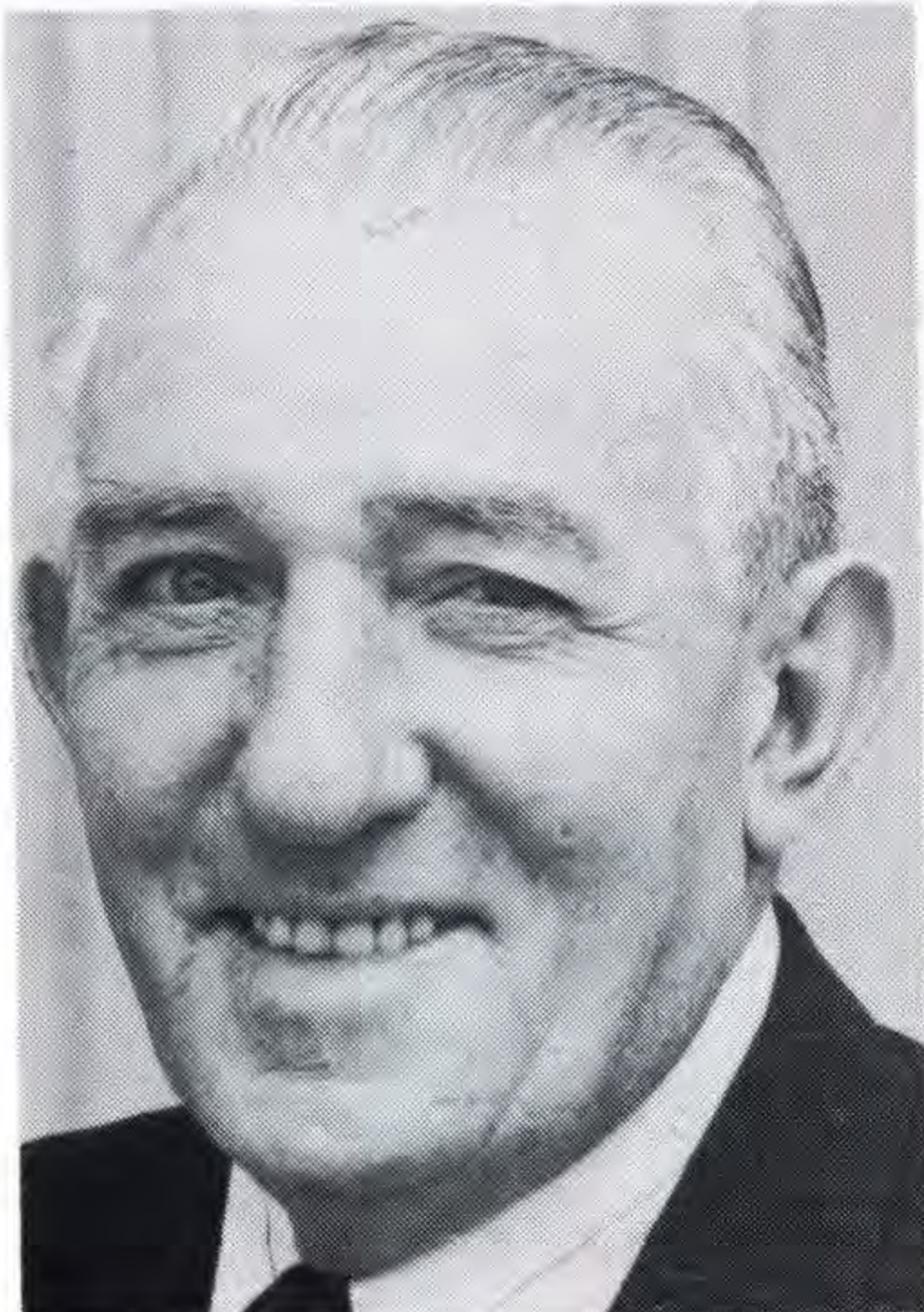


NAN BOSMA

Nan Bosma received a set of bronze wall plaques to add to her bronze collection on her retirement after 20 years service. She also received a bouquet of flowers at her farewell held in the Banquet Room, Yallourn.

Nan joined in December 1959 as a hand ironer Area Services, Yallourn, and retired from the same section as a leading hand cleaner.

She will remain living in Morwell and continue her soccer interests. Nan and her husband Dick plan to attend the next World Cup final overseas.



CEC SMITH

Morwell Training Centre was the venue for a farewell for Cec Smith on his retirement after 35 years service. Among the 50 guests present were Cec's daughter Denise Smith (Drafting) and some retired work-mates.

A member of Morwell Golf Club, Cec was presented with a new golf bag and buggy. In addition to his golf interest he and his wife are planning a holiday to Queensland in the near future.

Cec joined in February 1946 as a laborer with Yallourn power station. He retired from Transportation as a foreman grade 3.



JAN JANECEK

A farewell was held in the office of Cyril Morellato, Superintendent Morwell Briquetting and Power, for Jan Janeczek who retired after 21 years service.

Jan joined in February 1960 as a cleaner at Morwell Briquetting and Power and retired from there as an operator grade 1.

retirements

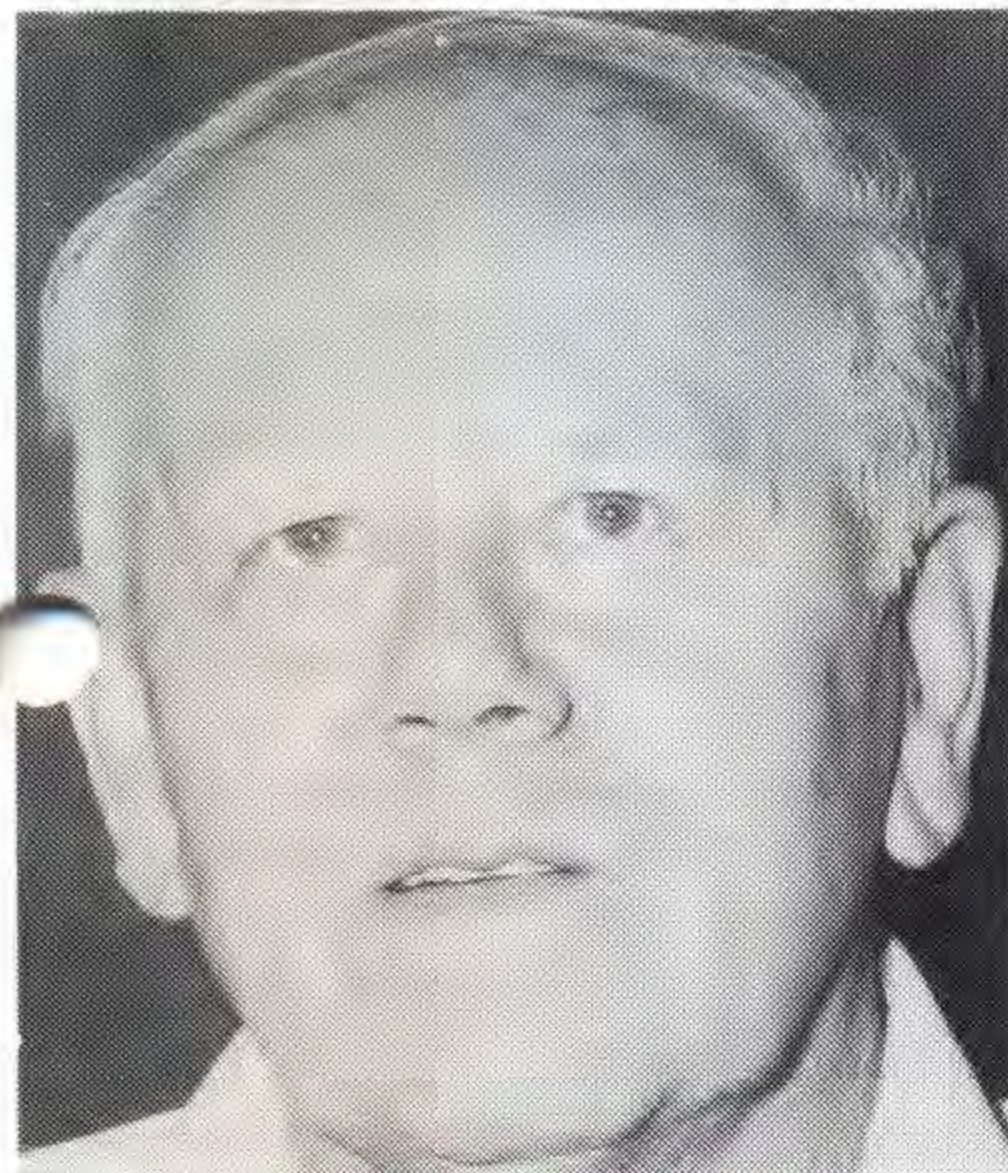


HARRY TAYLOR

A gold watch, wallet and notes were presented to Harry Taylor on his retirement after 45 years service.

Harry intends to continue living in Morwell and take time out for more fishing. His farewell was held in Morwell Briquetting and Power Superintendent Cyril Morellato's office.

Harry joined in February 1935 as a laborer at the Yallourn Power Station and he retired from Morwell Power Station as a turbine driver.



TOM WATSON

Tom Watson received various electrical gifts as well as a wallet of notes at his retirement farewell held in the Morwell Training Centre attended by 100 workmates and friends.

Tom joined in February 1958 as an auto electrical fitter at Transport Workshops, Yallourn, and retired 22 years later from Transport Workshops, Morwell, as a leading hand auto electrical fitter.

He will remain living in Newborough where he will tend to his garden and perhaps later enjoy a trip overseas.

RON BAXTER

A wallet of notes, a car fridge and fishing rod were presented to Ron Baxter on his retirement after 27 years service.

His farewell was held in Hazelwood power station canteen and attended by 80 people including acting Hazelwood Power station Operations Engineer, Tom Davey, Acting Civil Services Engineer Tom Stillman, and Acting Engineering Services Manager, Geoff Miles.

Ron joined at Morwell in June 1954 as a plumber and retired as an overseer grade 1, Civil Services Hazelwood.

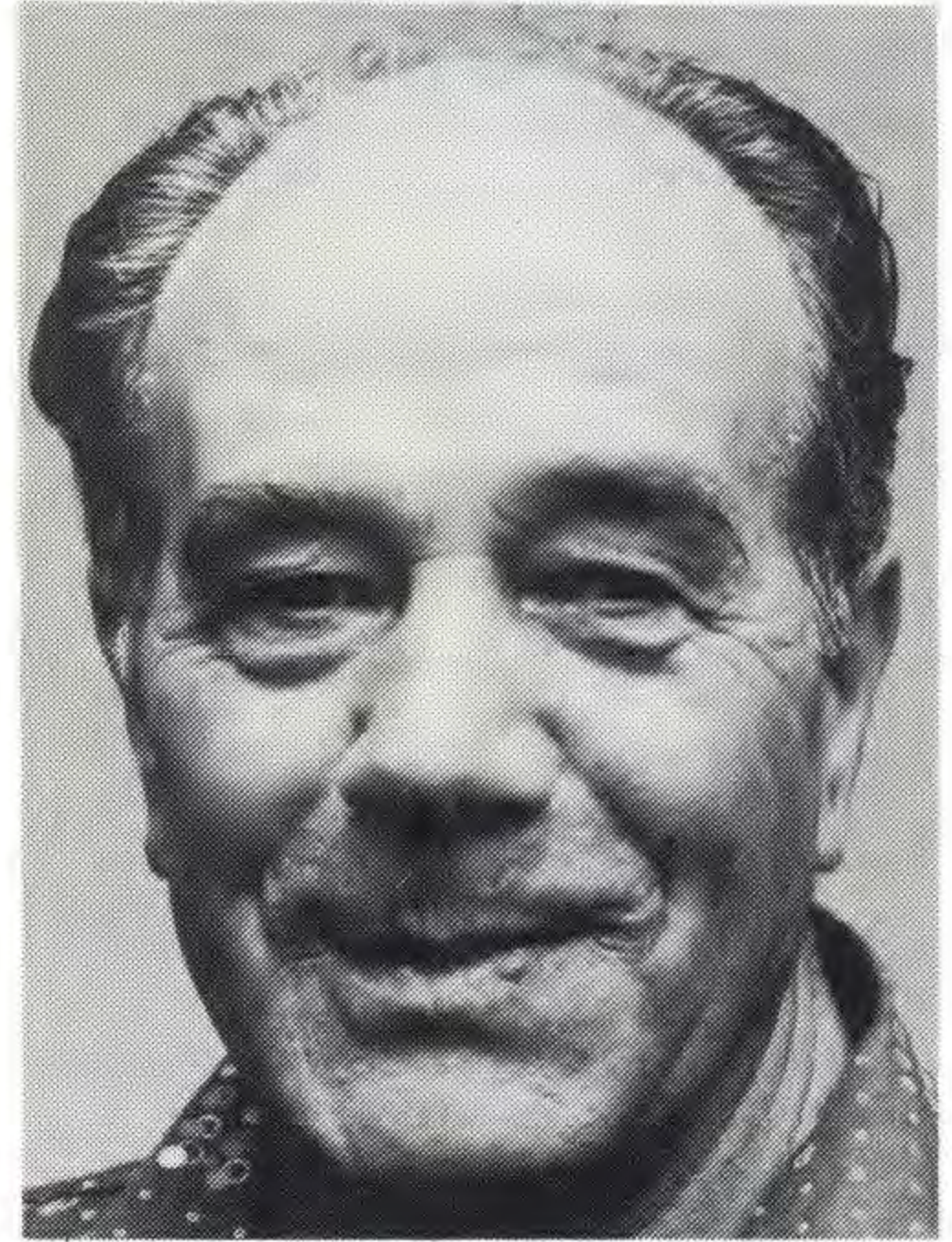


JOE MASELLI

About 50 people attended the farewell to Joe Maselli at the Morwell Briquetting and Power boilermakers' shop. Assistant Mechanical Maintenance Engineer Dick Donchi presented Joe with a quartz clock.

Joe joined in March 1955 as a laborer at Coal Maintenance and retired from MBPI as a trades assistant.

He will remain in Morwell with his wife and future plans may include a trip back to Italy.

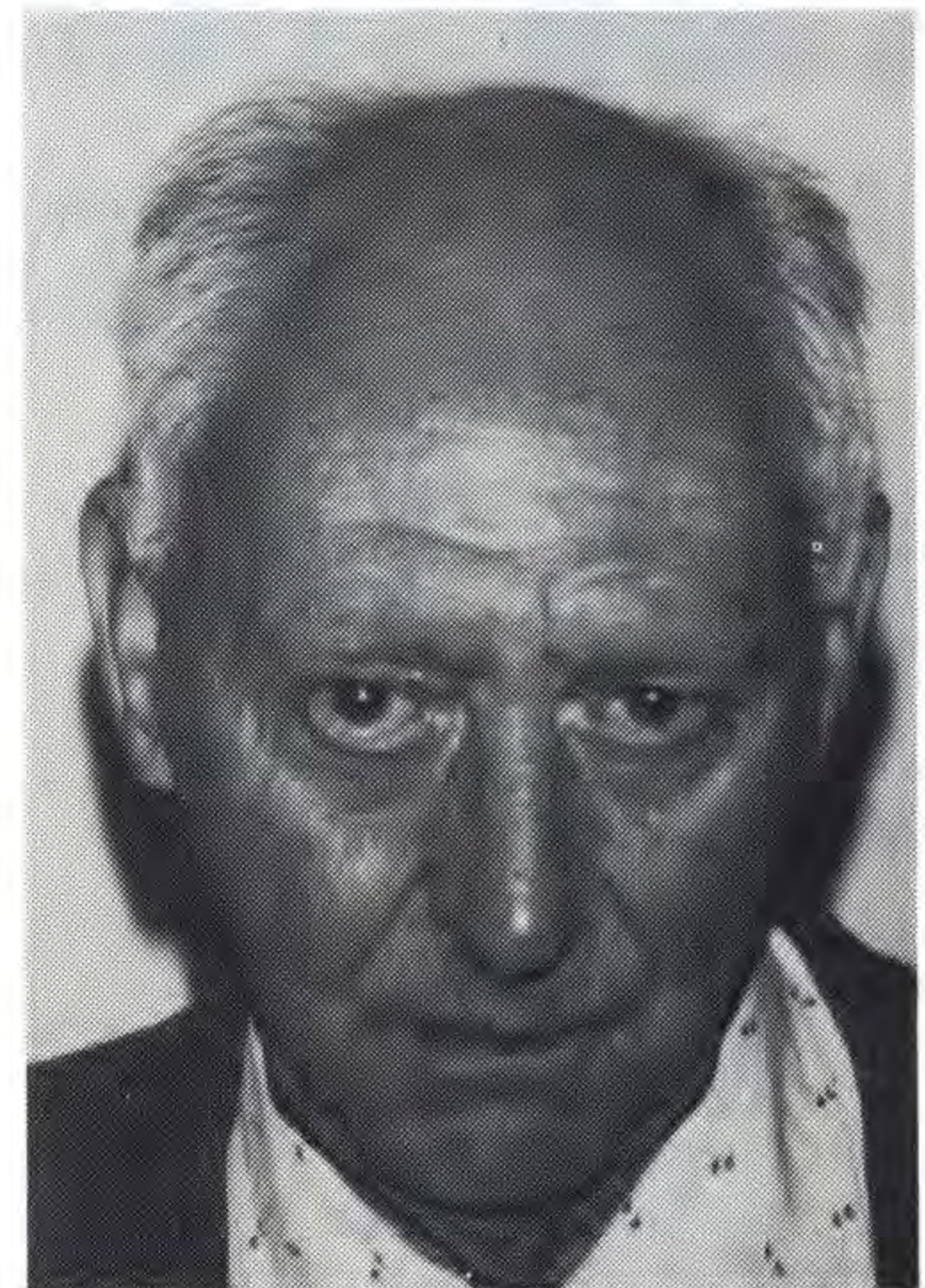


ROY PRYKE

Roy Pryke is retiring to live at Bairnsdale after 40 years' service.

Roy was farewelled by about 30 friends and workmates at the Yallourn Golf Club where he was presented with an assortment of gifts including a bedside table, digital clock/radio and wallet of notes. George Beulke also made a presentation from the Penguin Club.

In December 1939 Roy joined as a laborer with Coal Supply and he retired as a skilled builders laborer, Yallourn Power Station.



Cricket final to Valley despite washout

The Latrobe Valley team won the SEC Social League's cricket grand final last month without a ball being bowled.

The final, against Flinders Street, was washed out at the Junction Oval at St. Kilda. The Valley's unbeaten record and position at the top of the ladder won it the premiership.

Latrobe Valley Captain Ken McQualter and his team were disappointed that the final was a washout but the wicket and surrounds were too wet.

Once the decision was made not to play a football was produced and the two teams had a mock up football match for 30 minutes.



Top right: Pictured inspecting the wicket are (from left) Latrobe Valley's Merv Graham and Ken McQualter and Flinders Street players Dave McSporran and Laurie Stevens.

The Latrobe Valley side before they won the second semi-final at Yallourn. Back row: (from left) Greg Trembath, Merv Graham, Graeme Freshwater, Ken McQualter (captain), Dave Maxfield, Lloyd Lewis, front row: Frank Spurio, John Webb, Neil Meredith, and Barry Mathieson.

Commission cricketers do well at Country Week

The Commission was well represented in the successful Central Gippsland Cricket Association's Country Week team last month in Melbourne.

Seven of the 12 members in the team, which won the A Group grand final, work with the Commission.

They are: Graeme Freshwater, who was vice captain (Coal Production), Paul Waldron (Yallourn W), Jim Watt (Area Administration), Brett Pearson (Yallourn W), Jeff Swenson (Transmission Operations), Wayne Mills (Hazelwood Power

Station) and Geoff Knowles (Morwell Briquetting and Power Installation).

The team went through the week undefeated, beating a strong South Gippsland side at Carlton in the final.

South Gippsland batted first and scored 157. Wayne Mills took 2/50. Central Gippsland then batted and reached the necessary 159 runs in the last over. Graeme Freshwater scored 24 and Jim Watt 14.

CGCA's win earns it promotion from A Group to Provincial next year.



GRAEME FRESHWATER