



## ENTRY REPORT



Visit Number: **V01017400388L**  
Entry Date and Time : **14/02/2014 12:45 PM**    Departure Date and Time: **14/02/2014 03:15 PM**

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### PLACE ENTERED

**AUSTRALIAN POWER PARTNERS B V & OTHERS**  
ABN: **40924759557**  
Tenement No: **MIN5004**  
  
**HAZELWOOD POWER STATION BRODRIBB ROAD**  
**HAZELWOOD 3840**  
  
Phone Number:  
Trading Name:  
  
**HAZELWOOD POWER**

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### OTHER PERSONS ATTENDING WITH INSPECTOR

WorkSafe Inspector: **Ian Grayson**      Other Persons: **Luke Middleton, Rob Dugan and Rick Owen, Peter Langridge, Tina Marchington Andrew O'Connell and Graeme Linaker (CFA).**

### THIS REPORT GIVEN TO

Name: **Steve Harkins**      Persons Position: **Employer Representative**  
Service Method: **Left for a person**  
  
Name of person copy given to: **HSR Not Available**      Persons Position: **Health and Safety Representative**

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### Purpose for entry:

Ian Grayson and I entered this place to respond to an emergency.

Under section 98(1) of the Occupational Health and Safety Act 2004, Ian Grayson and I entered your workplace during working hours.

### OBSERVATIONS AND ACTIONS OF THE INSPECTOR

1. AUSTRALIAN POWER PARTNERS B V & OTHERS is a partnership that is listed as AUSTRALIAN POWER PARTNERS B V & CISL (HAZELWOOD) PTY LIMITED & HAZELWOOD INVESTMENT COMPANY PTY LIMITED & HAZELWOOD PACIFIC PTY LTD & NATIONAL POWER AUSTRALIA INVESTMENTS LIMITED under the ABN 40924759557.
2. I attend this workplace in the company of WorkSafe Senior Hygienist Ian Grayson to make enquiries into the site's Carbon Monoxide (CO) monitoring system.

Management informed WorkSafe that a fire incident occurred outside the mine's boundary on the 8th of Feb 2014 and quickly spread into the mine. As a result

Management have implemented a CO monitoring system in conjunction with the CFA. The system has developed and evolved over the past week and now incorporates:

- training and information;
- the use of personal CO monitors with set pre-determined levels;
- employee health assessments and CO screening pre, during and post activities within the affected area of the mine;
- modified work rosters and scheduled work breaks;
- standards for exposure (% in blood);
- modified instructions for treatment including the use of oxygen and medical treatment at hospital;
- modified medical treatment facilities.

Inspector Grayson and I observed this system including test results, testing processes and employee monitoring. Management also informed that employees record data every 15 minutes (observed random samples) the data from personal monitors.

Observations and enquiries indicate that the above mentioned system is being utilised appropriately. No other issues were observed.

3. Whilst on site I made enquiries into a reported incident involving a number of CFA personnel. These personnel were taken to hospital as per the documented processes after they had recorded higher levels of CO (approx 10%). The personnel have all been assessed and have been discharged from hospital. CFA Management were unable to provide the testing/monitoring records at the time of this visit, the affected CFA personnel were not available on site for comment. I informed the CFA Management that I intend to follow-up on this incident later next week when the above mentioned information is available.
4. The above mentioned enquiries, discussions and observations does not indicate that AUSTRALIAN POWER PARTNERS B V & OTHERS complies with all health and safety requirements, nor does it affect the continuing obligation to ensure workplace health and safety.
5. In accordance with Section 99 (a) and (b) of the Occupational Health and Safety Act 2004, Ian Grayson and I inspected, examined and made enquiries. This includes documents detailed in this Entry Report or as follows:
  - Latrobe Valley Mine Fires Crew Leader Instructions dated 13/02/14;
  - Personal Monitor readings; and
  - Employee testing instructions.

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## INSPECTOR INFORMATION

Name of Inspector: **Kevin Hayes**

Telephone Number of Inspector:

Facsimile Number of Inspector:

Inspector's Signature: \_\_\_\_\_



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## **INTERNAL REVIEW OF CERTAIN INSPECTOR DECISIONS**

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The following Acts, including any regulations made under them carry varying offences such as failure to meet duties and obligations, non compliance with a notice or direction issued or made by an inspector and hindering or obstructing an inspector in the exercise of their powers:

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- \* Dangerous Goods Act 1985
- \* Equipment (Public Safety) Act 1994

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- \* to provide feedback in relation to WorkSafe activities or the legislation we administer, contact our General Manager, Operations, Health and Safety, WorkSafe Victoria, GPO Box 4306 Melbourne Victoria 3001, by fax 9641 1711 or e-mail to [generalmanageroperations@worksafe.vic.gov.au](mailto:generalmanageroperations@worksafe.vic.gov.au)

## **PRIVACY COLLECTION STATEMENT**

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**WORKHEALTH CHECKS**

WorkHealth is a WorkSafe initiative that provides free health checks in the workplace. Health professionals conduct the convenient, easy and confidential checks. Each check takes around 15 minutes and participants receive immediate feedback and advice based on their results. Applications can be lodged on line by going to the WorkHealth website [workhealth.vic.gov.au](http://workhealth.vic.gov.au) or by calling the WorkHealth hotline on (03) 9641 1444 or 1800 136 089 (toll free).



## ENTRY REPORT



Visit Number: **V01022500214L**  
Entry Date and Time: **06/03/2014 10:15 AM** Departure Date and Time: **06/03/2014 02:00 PM**

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### PLACE ENTERED

**AUSTRALIAN POWER PARTNERS B V & OTHERS**  
ABN: **40924759557**  
Tenement No: **MIN5004**  
  
**HAZELWOOD POWER STATION BRODRIBB ROAD**  
**HAZELWOOD 3840**  
  
Phone Number:  
Trading Name:  
**HAZELWOOD POWER**

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### OTHER PERSONS ATTENDING WITH INSPECTOR

WorkSafe Inspector: **Kevin Hayes** Other Persons: **Tony DaSilva, James Faithful, Adrian Marshall, Ezzat William, Shane Cane.**

WorkSafe Staff: **Tony Ferrazza**

### THIS REPORT GIVEN TO

Name: **John Robinson** Persons Position: **Employer Representative**

Service Method: **Left for a person**

Name of person copy given to: **HSR Not Available** Persons Position: **Health and Safety Representative**

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### Purpose for entry:

Kevin Hayes and I entered this place to follow up on matters dealt with at a previous visit.

Under section 98(1) of the Occupational Health and Safety Act 2004, Kevin Hayes and I entered your workplace during working hours.

### OBSERVATIONS AND ACTIONS OF THE INSPECTOR

1. AUSTRALIAN POWER PARTNERS B V & OTHERS is a partnership that is listed as AUSTRALIAN POWER PARTNERS B V & CISL (HAZELWOOD) PTY LIMITED & HAZELWOOD INVESTMENT COMPANY PTY LIMITED & HAZELWOOD PACIFIC PTY LTD & NATIONAL POWER AUSTRALIA INVESTMENTS LIMITED under the ABN 40924759557.
2. Together with WorkSafe Senior Mining Engineer Tony Ferrazza and Inspector Kevin Hayes, I met with John Robinson, Adrian Marshall, Tony DaSilva, James Faithful, Shane Cane, and Ezzat William to discuss matters relating to batter stability as a result of the current mine fire.

We discussed the following points - monitoring pins, modelling, aqua de-watering, and

risk assessments for batters, as well as enquiries into the site's emergency response plan.

As part of today's visit, Tony, Kevin, and I were also escorted by Adrian Marshall during an inspection of current road closures.

3. In accordance with Section 100(1)(a) of the Occupational Health and Safety Act 2004 you were required to produce the site's Emergency Response Plan Hazelwood Mine and you produced it. In accordance with Section 100 (1)(b) and (c) an inspector is able to examine the document or part; and require a person at the place to answer any questions put by the inspector.

Before requiring you to produce documents pursuant to s.100(1)(a), I produced my identity card for inspection and warned John Robinson that a refusal or failure to comply with the requirement without reasonable excuse is an offence. I also informed John Robinson that he may refuse or fail to answer any question if answering the question would tend to incriminate him.

Under Section 100(2) of this Act, any person who without reasonable excuse fails to produce any document required pursuant to Section 100(1) by an inspector shall be guilty of an offence. In the case of a body corporate, the offence carries a penalty of 300 penalty units. In any other case, the offence carries a penalty of 60 penalty units.

4. Inspect, examine and make enquiries  
In accordance with Section 99 (a) and (b) of the Occupational Health and Safety Act 2004, Kevin Hayes and I inspected, examined and made enquiries. This includes documents detailed in this Entry Report or as follows:
  - Geotechnical modelling in sections (3)
  - Plots identifying monitoring water levels - gynes
  - East - West geological cross section
  - North - South geological cross section
  - Risk Assessment for batters
5. Seize anything for evidence of the commission of an offence  
You are hereby notified that under Section 99(d) of the Occupational Health and Safety Act 2004, during an inspection at HAZELWOOD POWER STATION BRODRIBB ROAD HAZELWOOD 3840, the following documents were seized as it may afford evidence of the commission of an offence against this Act or the Regulations:
  - Emergency Response Plan Hazelwood Mine (May 2013)
  - Geotechnical modelling in sections (3)
  - Plots identifying monitoring water levels - gynes
  - East - West geological cross section
  - North - South geological cross section

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## INSPECTOR INFORMATION

Name of Inspector: **Anita Macartney**

Telephone Number of Inspector:

Facsimile Number of Inspector:

Inspector's Signature: .....



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- \* to provide feedback in relation to WorkSafe activities or the legislation we administer, write to WorkSafe Victoria, Advisory Service GPO Box 4306 Melbourne Victoria 3001, For general enquiries contact our Advisory Service on (03) 9641 1444 or 1800 136 089 (toll free). Otherwise email [info@worksafe.vic.gov.au](mailto:info@worksafe.vic.gov.au)

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## ENTRY REPORT



Visit Number: **V01017400393L**  
Entry Date and Time : **12/03/2014 10:30 AM** Departure Date and Time: **12/03/2014 04:00 PM**

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### PLACE ENTERED

**AUSTRALIAN POWER PARTNERS B V & OTHERS**  
ABN: **40924759557**  
Tenement No: **MIN5004**  
**BRODRIBB ROAD**  
**MORWELL 3840**  
Phone Number: Facsimile Number:  
Trading Name: **HAZELWOOD POWER**

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### OTHER PERSONS ATTENDING WITH INSPECTOR

WorkSafe Inspector: **Joseph Groves** Other Persons: **Adrian Marshall, Laina Zajarski, Kashif Saidque, John Robinson, Peter Brimblecombe, Gary Widdowson, Rebecca Rogers and Glenn Asling.**

### THIS REPORT GIVEN TO

Name: **Wayne Buckley** Persons Position: **Employer Representative**  
Service Method: **Left for a person**  
Name of person copy given to: **Daniel Dalla Valle** Persons Position: **Health and Safety Representative**

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### Purpose for entry:

Joseph Groves and I entered this place as part of WorkSafe Victoria's proactive intervention program to provide guidance and assess and enforce compliance with specific health and safety laws. This visit is undertaken as part of the Earth Resources Annual Verification project.

Under section 98(1) of the Occupational Health and Safety Act 2004, Joseph Groves and I entered your workplace during working hours.

### OBSERVATIONS AND ACTIONS OF THE INSPECTOR

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2. I attended your workplace in the company of Inspector Joseph Groves to follow-up on

two Improvement Notices and two reported incidents.

3. Improvement Notice Follow up V01017400348L/111-01 in relation to the operator's SMS training element issued on the 1st of August 2013.

On the 1st of August 2013, I observed that the operator's Safety Management System (SMS) contains an annual training plan procedure (Doc. I.D. 41515) that is to be followed in planning all training and development activities for employees. The process of planning annual training is to be based on an analysis of business needs including gap analysis and site requirements.

I observed an Excel spreadsheet detailing training activities for the year 2013, the spreadsheet appeared to have identified 'generic' training requirements for the mine; however it was not clear how these training requirements and employee needs/numbers/participation had been identified.

Management also informed me that a training needs analysis as per the annual training plan procedure (Doc. I.D. 41515) had not been conducted within the mine. Furthermore management informed me that an 'informal wish list' of training requirements was created by various management members and that this was utilised to create that annual training plan for 2013. Management were unable to provide a copy of this list or reasoning behind the development of the list.

In addition, I was informed that employees are required to operate mobile plant (including but not limited to): dozers, excavators, and graders, haul trucks and water carts. Management had recently identified that these employees had not been assessed and deemed competent by a suitably qualified person to operate these items of mobile plant.

Employees had been operating mobile plant (including but not limited to): dozers, excavators, and graders, haul trucks and water carts for over thirty years, a gap analysis of the training requirements had just been undertaken and assessments had commenced.

The annual training plan Excel spreadsheet detailing training activities for the year 2013, did not include provisions for mobile plant training, assessment and competency.

At the time of my inspection, AUSTRALIAN POWER PARTNERS B V & OTHERS was unable to provide evidence that all employees who are required to operate mobile plant (including but not limited to): dozers, excavators, graders, haul trucks and water carts have been assessed and deemed competent by a suitably qualified person.

Today, I met with Management and was informed that the following actions have been taken:

- An annual training plan has been developed as per the site's SMS requirements/procedure (Doc. I.D. 41515). Management informed that this plan (observed at the time of the visit) was formulated via a number of processes including but not limited to: a training needs analysis and consultation with supervision and employees. The plan contains mandatory training requirements and 'other' needs as required. A training matrix has also been developed.

- Plant assessment activities are continuing, A summary of assessment was tabled and observed. Training has been carried out by persons with appropriate knowledge, skills, and experience in OHS and training.

It is my belief that Improvement Notice V01017400348L/111-01 is complied with.

4. Improvement Notice Follow up V01017400382L/111-01 in relation to maintenance of the fire suppression equipment located in the Dirty Water Pump Station (DWPS) cubicles issued on the 6th of December 2013.

On the 6th of December 2013, I observed that the fire suppression equipment located in the Dirty Water Pump Station (DWPS) cubicles:

- M-CDB-P41-PM1-HVE
- M-CDB-P42-PM1-HVE
- M-CDB-P43-PM1-HVE
- M-CDB-P52-PM1-HVE

had not been maintained. The suppression equipment located within the cubicles had expired (June 2013). I observed a spread sheet detailing that the equipment was assessed in May 2013, replacement devices had been placed on order - this activity was undertaken on the 28th of November 2013.

Today, I met with Management and was informed that the following actions have been taken:

- new suppression equipment has been installed within all of the above mentioned DWPS HV electrical cubicles. In addition, I observed this equipment in cubicles - M-CDB-P41-PM1-HVE and M-CDB-P42-PM1-HVE. The remaining cubicles were in service and were not accessible.

It is my belief that Improvement Notice V01017400382L/111-01 has been complied with.

5. Management also provided an overview of the 'Pyrogen' project which includes the installation of suppression equipment in the remaining electrical cubicles, an overview of Dredger 9 outage and equipment receipts was also observed and provided as evidence that the project has been planned and is ongoing.

Management agreed to provide WorkSafe with monthly progress reports on these activities.

6. In addition, I made enquiries into a reported incident that occurred at this workplace on the 9th February 2014. The incident involved an employee sustaining injuries whilst performing duties. WorkSafe Victoria was notified of this incident no. 269829.

Management informed me that on the 9th of February 2013, an employee was setting up a fire spray (monitor), the employee was kneeling next to the monitor and was attempting to operate the valve. Upon activating the valve, the monitor moved unexpectedly and struck the employee in the face/mouth. The employee received a cut to the face.

The employee has since returned to work and is on 'normal' duties. I was not able to confirm this with the employee as he was unavailable.

Management informed that the employee had received training in the monitor 'set-up' process prior to the incident. A copy of the training package was observed. The employee has since been retrained and is involved in the development of a SWP.

7. Furthermore, I made enquiries into a reported incident that occurred at this workplace on the 8th of March 2014. The incident involved an employee receiving an electric shock. WorkSafe Victoria was notified of this incident, no. 271154.

Management informed me that on the 8th of March 2014, an employee received an electric shock whilst performing welding activities. The employee was taken to hospital and was later discharged. The employee is back at work on 'normal' duties.

An initial investigation has been completed, Management believe that the employee was wearing moist gloves and has inadvertently touched the electrode/hand piece. Management are still in the process of completing the investigation, tool box meetings are scheduled to take place reiterating electrical safety whilst welding and the use of 'serviceable' PPE.

I was not able to confirm these details with the employee as he was unavailable.

8. The above mentioned enquiries, discussions and observations does not indicate that AUSTRALIAN POWER PARTNERS B V & OTHERS complies with all health and safety requirements, nor does it affect the continuing obligation to ensure workplace health and safety.
9. In accordance with Section 99 (a) and (b) of the Occupational Health and Safety Act 2004, Joseph Groves and I inspected, examined and made enquiries. This includes documents detailed in this Entry Report or as follows:
- Gant Chart Project: Pyrogen Schedule 2014;
  - Gant Chart 2014 Dredger 9 Outage;
  - Work Order Planning 13-268150 Materials receipt for fire suppression;
  - Annual training plan for GDF Suez Hazelwood 2014 - Mine;
  - Summary of Assessment activity as at 12/03/2014 all mine operators.

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## INSPECTION OUTCOMES SUMMARY

### STATUS OF NOTICES THAT WERE MONITORED DURING THIS ENTRY

Notice Number	Action
V01017400382L/111-01	Complied with
V01017400348L/111-01	Complied with

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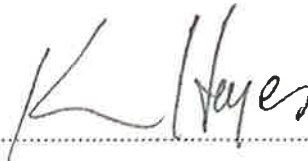
## INSPECTOR INFORMATION

Name of Inspector: Kevin Hayes

Telephone Number of Inspector:

Facsimile Number of Inspector:

Inspector's Signature: \_\_\_\_\_



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## ENTRY REPORT



Visit Number: **V01017400395L**  
Entry Date and Time : **20/03/2014 08:30 AM**    Departure Date and Time: **20/03/2014 06:15 PM**

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### PLACE ENTERED

**AUSTRALIAN POWER PARTNERS B V & OTHERS**  
ABN: **40924759557**  
Tenement No: **MIN5004**

**HAZELWOOD POWER STATION BRODRIBB ROAD**  
**HAZELWOOD 3840**

Phone Number:  
Trading Name: **HAZELWOOD POWER**

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### OTHER PERSONS ATTENDING WITH INSPECTOR

WorkSafe Inspector: **Sean Anthony Byrne**    Other Persons: **Steve Harkins, Rob Dugan, Shane Cane, John Robinson and Emily Heffernen.**

WorkSafe Staff: **Tony Ferrazza**

### THIS REPORT GIVEN TO

Name: **George Graham**    Persons Position: **Employer Representative**

Service Method: **Left for a person**

Name of person copy given to: **HSR Not Available**    Persons Position: **Health and Safety Representative**

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### Purpose for entry:

Sean Anthony Byrne and I entered this place to respond to a reported incident.

Under section 98(1) of the Occupational Health and Safety Act 2004, Sean Anthony Byrne and I entered your workplace during working hours.

### OBSERVATIONS AND ACTIONS OF THE INSPECTOR

1. AUSTRALIAN POWER PARTNERS B V & OTHERS is a partnership that is listed as AUSTRALIAN POWER PARTNERS B V & CISL (HAZELWOOD) PTY LIMITED & HAZELWOOD INVESTMENT COMPANY PTY LIMITED & HAZELWOOD PACIFIC PTY LTD & NATIONAL POWER AUSTRALIA INVESTMENTS LIMITED under the ABN 40924759557.
2. I attended you workplace in the company of WorkSafe, Earth Resources Group Leader, Sean Byrne and Senior Mining Engineer Tony Ferrazza to enquire into the mine fire emergency that began on the 9th of February 2014.

Discussions included (but was not limited to):

#### MINE FIRE SERVICES EQUIPMENT

- Management informed WorkSafe that burning embers entered into the mine around midday with embers hitting the operating faces and 'grass' level around this time. Approximately an hour (or so) later a number of spot fires appeared along the non working batters (i.e. Northern Batters) and it is believed that a change in wind direction and burning embers also sparked these fires.
- The CFA responded with additional coverage supplied by the alliance contractors and 'in-house' personnel. Sometime throughout the afternoon the CFA was called away to attend fires within the Morwell township, returning in 'greater numbers' around 1830hrs. An emergency command structure had been established, with the CFA taking control of the emergency.
- Around 1830hrs it was reported that a main feeder supplying the mine's power had tripped causing a total loss of power to the mine. The mine personnel worked for approximately 3 to 4 hours to establish an alternative power supply and was successful in returning power to 1 (of 3) Dirty Water Pumps used to fight the fire. Management informed WorkSafe that they believed the fire may have caused additional damage (external to the mine), which eventually lead to the feeder tripping. The feeder is believed to be under the management and control of SP Ausnet.

#### MAJOR MINING HAZARD #7 MINE FIRES

- Management provided a document titled 'IPR-GDF Suez Major Mining Hazard 7 - Mine Fires' that contains details on a number of likely fire scenarios identified by the employer. A scenario titled 'Bush Fire' and the subsequent controls were discussed. WorkSafe enquired into System Control description #0071 - Design - Fire Breaks (Fire Services Policy & Code of Practice).

The function/objective (as stated) " to reduce the hazard from a fire external to the Hazelwood Mine, IPR need to ensure that there is provision of appropriate fire breaks and control of grassed and forested areas within the 'zone of responsibility'. A continuous 50 metre wide and permanently maintained fire break corridor around the perimeter of the Hazelwood Mine is to exist all year round. The fire break can include roads and may consist of the following:

- Grass not to exceed 100 millimeters in height;
- No trees, shrubs, scrub are permissible in this area; and
- Constant monitoring of the fire break corridor is required to ensure the above protection is maintained."

The 'zone of responsibility' was clarified by Management as the area within the mine tenement boundary.

#### ACTIONS POST FIRE EVENT

- Management informed WorkSafe that recovery actions include (but is not limited to):
- installation and repair of fires services pipe along the northern batters;
  - use of diesel powered pump;
  - excavation of burning coal and soaking down processes including the use of foam;
- and



- electrical work regarding mine's power supply.

I informed Management that I intend to conduct further enquiries (at a later date) into:  
- the continuing electrical work regarding mine's and fire services power supply (post receipt of the requested documentation).

### 3. Maintenance of Safe System of Work

I observed a safe system of work associated with the provision of 'Fire Breaks' within the mine tenement boundary known as MIN5004 has not been maintained.

WorkSafe was advised by AUSTRALIAN POWER PARTNERS B V & OTHERS Management, that a fire occurred within the mine MIN5004 on the 9th of February 2014 extending into the Northern Batter area of the mine. I observed the continuation of this fire today, 20th March 2014.

I observed that there is a documented requirement within the site's Mine Fires Safety Assessment to ensure an appropriate fire break and control of grassed and forested areas within the 'zone of responsibility' is maintained. The document states that:

"A continuous 50 metre wide and permanently maintained fire break corridor around the perimeter of the Hazelwood Mine is to exist all year round. The fire break can include roads and may consist of the following:

- Grass not to exceed 100 millimetres in height;
- No trees, shrubs, scrub are permissible in the area; and
- Constant monitoring of the fire break corridor is required to ensure that the above protection is maintained."

I did not observe "A continuous 50 metre wide and permanently maintained fire break corridor around the perimeter of the Hazelwood Mine" as documented. Management could not demonstrate or provide a clear delineated area where a continuous 50 metre wide and permanently maintained fire break corridor around the perimeter of the Hazelwood Mine exists, during my site observations or within the site documentation.

I also observed (in areas that were described as the fire break) whilst visiting the Northern, North Eastern, South Eastern and Southern Batters:

- grass exceeding 100 millimetres in height; and
- trees, shrubs, scrub.

Furthermore, Management could not provide evidence of:

- constant monitoring of the fire break corridor that is required to ensure that the above protection is maintained.

Lack of maintenance of the fire break has the potential to allow an external fire to cross the 50 metre fire break corridor and access and enter the mine. A mine fire has the potential to place employees at risk of serious injury from exposure to fire and carbon monoxide.

Under Section 111(1) of the Occupational Health and Safety Act 2004, I issued Improvement Notice V01017400395L/111-01.

### 4. The above mentioned enquiries, discussions and observations does not indicate that AUSTRALIAN POWER PARTNERS B V & OTHERS complies with all health and safety

requirements, nor does it affect the continuing obligation to ensure workplace health and safety.

5. Inspect, examine and make enquiries

In accordance with Section 99 (a) and (b) of the Occupational Health and Safety Act 2004, Sean Anthony Byrne and I inspected, examined and made enquiries. This includes documents detailed in this Entry Report or as follows:

- 'IPR-GDF Suez Major Mining Hazard 7 - Mine Fires', and scenario titled 'Bush Fire' and the subsequent controls.

6. Documents produced

In accordance with Section 100(1)(a) of the Occupational Health and Safety Act 2004 you were required to produce 'IPR-GDF Suez Major Mining Hazard 7 - Mine Fires', and all associated documented controls, and you produced them. In accordance with Section 100 (1)(b) and (c) an inspector is able to examine the document or part; and require a person at the place to answer any questions put by the inspector.

Before requiring you to produce documents pursuant to s.100(1)(a), I produced my identity card for inspection and warned Mr Steve Harkins that a refusal or failure to comply with the requirement without reasonable excuse is an offence. I also informed Mr Steve Harkins that he may refuse or fail to answer any question if answering the question would tend to incriminate him.

Under Section 100(2) of this Act, any person who without reasonable excuse fails to produce any document required pursuant to Section 100(1) by an inspector shall be guilty of an offence. In the case of a body corporate, the offence carries a penalty of 300 penalty units. In any other case, the offence carries a penalty of 60 penalty units.

7. Seize anything for evidence of the commission of an offence

You are hereby notified that under Section 99(d) of the Occupational Health and Safety Act 2004, during an inspection at HAZELWOOD POWER STATION BRODRIBB ROAD HAZELWOOD 3840, the document titled 'IPR-GDF Suez Major Mining Hazard 7 - Mine Fires', and all associated documented controls was seized as it may afford evidence of the commission of an offence against this Act or the Regulations.

8. Documents not produced at the time of the visit

In accordance with Section 100(1) of the Occupational Health and Safety Act 2004, you are required to produce to Inspector Kevin Hayes by 9:00AM Monday the 24th March 2014 the following documents:

- Mine Fires Services Policy & Code of Practice;
- International Power Hazelwood October 2006 Mine Fires Investigation, Incident Investigation Report, dated January 2007;
- Site map/lay-out of the fire services system pre and post fire emergency;
- Site map/lay-out of the mine including the mine tenement boundary; and
- Electrical schematic drawings (including 'markups') relating to the mine's power supplies pre and post fire emergency.

Before requiring you to produce documents pursuant to s.100(1)(a), I produced my identity card for inspection and warned Mr Steve Harkins that a refusal or failure to comply with the requirement without reasonable excuse is an offence. I also informed Mr Steve Harkins that he may refuse or fail to answer any question if answering the question would tend to incriminate him.

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produce any document required pursuant to Section 100(1) by an inspector shall be guilty of an offence. In the case of a body corporate, the offence carries a penalty of 300 penalty units. In any other case, the offence carries a penalty of 60 penalty units.

9. Assistance in exercising powers

In accordance with section 122 of the Occupational Health and Safety Act 2004, for the purposes of exercising my powers as documented in this report, I have sought the assistance of Tony Ferrazza, Senior Mining Engineer, WorkSafe..

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## INSPECTION OUTCOMES SUMMARY

### NOTICES ISSUED BY INSPECTOR

Notice Number(s): V01017400395L/111-01    Description(s): Improvement Notice

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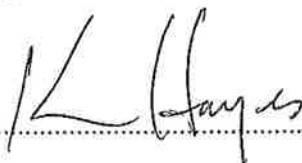
## INSPECTOR INFORMATION

Name of Inspector:                    **Kevin Hayes**

Telephone Number of Inspector:

Facsimile Number of Inspector:

Inspector's Signature:            .....



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## INTERNAL REVIEW OF CERTAIN INSPECTOR DECISIONS

If you want to apply for internal review of a decision made by an inspector during this visit, you must lodge the approved application form with the Internal Review Unit within 14 days of the date the decision came to your notice. WorkSafe Victoria (WorkSafe) must conduct the internal review within legislated time frame of either 7 or 14 days depending on the category of reviewable decision. If WorkSafe does not notify you of the internal review decision within the required time, WorkSafe is taken to have made a decision to affirm the reviewable decision. Not all decisions can be internally reviewed and in order to seek internal review of a decision you must be an eligible person.

Application forms for internal review, a list of reviewable decisions and a list of eligible persons are available upon request from a WorkSafe Inspector, WorkSafe Advisory Service on 1800 136089 or they can be downloaded from the website [worksafe.vic.gov.au](http://worksafe.vic.gov.au)

All applications are to be in approved form and must be received by WorkSafe's Internal Review Unit, GPO Box 4306, Melbourne 3001 in order to be considered.

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You can contact the Internal Review Unit on telephone (03) 8663 5450, fax (03) 8663 5451 or by email at [internalreviewunit@worksafe.vic.gov.au](mailto:internalreviewunit@worksafe.vic.gov.au)

## OFFENCE

The following Acts, including any regulations made under them carry varying offences such as failure to meet duties and obligations, non compliance with a notice or direction issued or made by an

inspector and hindering or obstructing an inspector in the exercise of their powers:

- \* Occupational Health and Safety Act 2004
- \* Dangerous Goods Act 1985
- \* Equipment (Public Safety) Act 1994

For specific details about offences and subsequent penalties refer to the specific Act or regulation.

### **FEEDBACK**

If you want to contact WorkSafe in relation to this entry by our Inspector other than for Internal Review purposes (see above), please use the following guide:

- \* to clarify any matter that is covered by the Entry Report and any associated Notices or Directions contact the issuing Inspector, whose name and contact details appear above in the Inspector Information section in this Entry Report.
- \* to make comment about any aspect of how this inspection was conducted, contact the inspector's senior management on telephone 9641 1759, fax 9641 1201 or by writing to GPO Box 4306, Melbourne 3001
- \* to provide feedback in relation to WorkSafe activities or the legislation we administer, write to WorkSafe Victoria, Advisory Service GPO Box 4306 Melbourne Victoria 3001, For general enquiries contact our Advisory Service on (03) 9641 1444 or 1800 136 089 (toll free). Otherwise email [info@worksafe.vic.gov.au](mailto:info@worksafe.vic.gov.au)

### **PRIVACY COLLECTION STATEMENT**

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### **WORKHEALTH CHECKS**

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## ENTRY REPORT



Visit Number: **V01017400396L**  
Entry Date and Time : **25/03/2014 10:00 AM** Departure Date and Time: **25/03/2014 02:00 PM**

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### PLACE ENTERED

**AUSTRALIAN POWER PARTNERS B V & OTHERS**  
ABN: **40924759557**  
Tenement No: **MIN5004**  
  
**HAZELWOOD POWER STATION BRODRIBB ROAD**  
**HAZELWOOD 3840**  
  
Phone Number:  
Trading Name:  
**HAZELWOOD POWER**

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### OTHER PERSONS ATTENDING WITH INSPECTOR

WorkSafe Inspector: **Sean Anthony Byrne** Other Persons: **Steve Harkins, Emily Heffernan, Garry Wilkinson, Stan Kemsley, James Faithful, Rob Dugan, John Robinson, Steve Dargan and Wouter Hartman.**  
  
WorkSafe Staff: **Robert Kelly, Tony Ferrazza**

### THIS REPORT GIVEN TO

Name: **George Graham** Persons Position: **Employer Representative**  
Service Method: **Left for a person**  
  
Name of person copy given to: **HSR Not Available** Persons Position: **Health and Safety Representative**

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### Purpose for entry:

Sean Anthony Byrne and I entered this place to follow up on matters dealt with at a previous visit.

Under section 98(1) of the Occupational Health and Safety Act 2004, Sean Anthony Byrne and I entered your workplace during working hours.

### OBSERVATIONS AND ACTIONS OF THE INSPECTOR

1. AUSTRALIAN POWER PARTNERS B V & OTHERS is a partnership that is listed as AUSTRALIAN POWER PARTNERS B V & CISL (HAZELWOOD) PTY LIMITED & HAZELWOOD INVESTMENT COMPANY PTY LIMITED & HAZELWOOD PACIFIC PTY LTD & NATIONAL POWER AUSTRALIA INVESTMENTS LIMITED under the ABN 40924759557.
2. I attended your workplace in the company of WorkSafe Earth Resources Manager Robert Kelly, Senior Mining Engineer Tony Ferrazza and Group Leader Sean Byrne to

follow up on a visit I conducted on the on the 20th of March 2014 (see Entry Report V01017400395L).

Discussions included (but was not limited to):

- Re-entry into the fire affected areas within the mine and CFA 'hand-over';
- Re-entry risk assessment, titled "Feb 2014 Hazelwood Mine Fire - CFA Hand-over";
- Recovery tasks including: clearing of drains, road repair, replacing of bund walls and other 'general' earth works. Management informed these tasks are being carried out by personnel who are familiar with the mining environments.
- Geotech inspections of fire affected areas including geotech assessments; and
- Work group CO monitoring, (personal testing processes to conclude today);

I observed a Batter Assessment dated 24-03-2014 and discussed the documented 'extreme/high' risk areas.

Other discussions included (but was not limited to):

- Requirements to conduct a review of the operator's SMS post incident and the requirement to conduct an investigation as per the operator's SMS.
3. Whilst at this workplace, I followed up on enquiries relating to the continuing electrical work regarding the mine's fire services power supply. Management informed and provided information regarding the mine's electrical supply systems. Electrical drawings were provided, management informed that there were a number of faults caused by the fire that interrupted the electrical supply into the mine. Management informed that some of the fire affected assets belong to and are under the management and control of SP Ausnet.

Management also informed that an investigation is continuing into the fire.

4. The above mentioned enquiries, discussions and observations does not indicate that AUSTRALIAN POWER PARTNERS B V & OTHERS complies with all health and safety requirements, nor does it affect the continuing obligation to ensure workplace health and safety.
5. In accordance with Section 99 (a) and (b) of the Occupational Health and Safety Act 2004, Sean Anthony Byrne and I inspected, examined and made enquiries. This includes documents detailed in this Entry Report or as follows:
- Feb 2014 Hazelwood Mine Fire - CFA Hand-over risk assessment;
  - Batter Assessment dated 24-03-2014; and
  - Geotechnical assessment form dated 24th March 2014.
6. Documents produced
- In accordance with Section 100(1)(a) of the Occupational Health and Safety Act 2004 you were required to produce:
- Feb 2014 - Hazelwood Mine Fire - CFA Hand-over risk assessment;
  - Batter Assessment dated 24-03-2014;
  - Geotechnical assessment form dated 24th March 2014;
  - Hazelwood Power Mine Fire Prevention - Slashing & Mowing 2013/2014 Layout Plan;
  - Mine Fires Services Policy & Code of Practice;
  - International Power Hazelwood October 2006 Mine Fires Investigation, Incident Investigation Report, dated January 2007;
  - Site map/lay-out of the fire services system pre and post fire emergency; and
  - Electrical schematic drawings relating to the mine's power supplies pre and post fire

emergency and you produced them.

In accordance with Section 100 (1)(b) and (c) an inspector is able to examine the document or part; and require a person at the place to answer any questions put by the inspector.

Before requiring you to produce documents pursuant to s.100(1)(a), I produced my identity card for inspection and warned Mr Steve Harkins that a refusal or failure to comply with the requirement without reasonable excuse is an offence. I also informed Mr. Harkins that he may refuse or fail to answer any question if answering the question would tend to incriminate him.

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7. Seize anything for evidence of the commission of an offence  
You are hereby notified that under Section 99(d) of the Occupational Health and Safety Act 2004, during an inspection at HAZELWOOD POWER STATION BRODRIBB ROAD HAZELWOOD 3840, the following documents
- Feb 2014 - Hazelwood Mine Fire - CFA Hand-over risk assessment;
  - Batter Assessment dated 24-03-2014;
  - Geotechnical assessment form dated 24th March 2014;
  - Hazelwood Power Mine Fire Prevention - Slashing & Mowing 2013/2014 Layout Plan;
  - Mine Fires Services Policy & Code of Practice;
  - International Power Hazelwood October 2006 Mine Fires Investigation, Incident Investigation Report, dated January 2007;
  - Site map/lay-out of the fire services system pre and post fire emergency; and
  - Electrical schematic drawings relating to the mine's power supplies pre and post fire emergency was seized as it may afford evidence of the commission of an offence against this Act or the Regulations.
8. Assistance in exercising powers  
In accordance with section 122 of the Occupational Health and Safety Act 2004, for the purposes of exercising my powers as documented in this report, I have sought the assistance of Robert Kelly, WorkSafe Earth Resources Manager and Tony Ferrazza, WorkSafe Senior Mining Engineer.

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## INSPECTOR INFORMATION

Name of Inspector: **Kevin Hayes**

Telephone Number of Inspector:

Facsimile Number of Inspector:

Inspector's Signature: .....



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## ENTRY REPORT



Visit Number: **V01017400399L**

Entry Date and Time : **08/04/2014 09:15 AM** Departure Date and Time: **08/04/2014 12:45 PM**

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### PLACE ENTERED

**AUSTRALIAN POWER PARTNERS B V & OTHERS**

ABN: **40924759557**

Tenement No: **MIN5004**

**HAZELWOOD POWER STATION BRODRIBB ROAD  
HAZELWOOD 3840**

Phone Number:

Trading Name:

**HAZELWOOD POWER**

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### OTHER PERSONS ATTENDING WITH INSPECTOR

Other Persons: **Steve Harkins, John Robinson,  
Robert Dugan, Stan Kemsley,  
James Faithful, Wouter Hartman,  
Matt Spain and Steve Dargan.**

WorkSafe Staff: **Tony Ferrazza**

### THIS REPORT GIVEN TO

Name: **George Graham** Persons Position: **Employer Representative**

Service Method: **Left for a person**

Name of person copy given to: **HSR Not Available** Persons Position: **Health and Safety Representative**

---

### Purpose for entry:

I entered this place to follow up on matters dealt with at a previous visit.

Under section 98(1) of the Occupational Health and Safety Act 2004, I entered your workplace during working hours.

### OBSERVATIONS AND ACTIONS OF THE INSPECTOR

1. AUSTRALIAN POWER PARTNERS B V & OTHERS is a partnership that is listed as AUSTRALIAN POWER PARTNERS B V & CISL (HAZELWOOD) PTY LIMITED & HAZELWOOD INVESTMENT COMPANY PTY LIMITED & HAZELWOOD PACIFIC PTY LTD & NATIONAL POWER AUSTRALIA INVESTMENTS LIMITED under the ABN 40924759557.
2. I entered this workplace on the company of WorkSafe Senior Mining Engineer, Tony Ferrazza to continue enquiries into the mine fire emergency/incident that began on the 9th of February 2014.

We met with listed Management representatives and discussed the following:

- Investigation Progress-

Mr Harkins confirmed that an investigation is currently in progress and confirmed that AUSTRALIAN POWER PARTNERS B V & OTHERS legal advisors are undertaking this activity.

- Review of MMH #7 Mine Fires -

Management informed that a review session has been planned for 14th April 2014, progress of Improvement Notice V01017400395L/111-01 is continuing with confirmation of a 'translation error' within old documentation. I informed Management that I will follow-up on the progress of this activity.

- Progress of Power Supplies Activities -

Management informed that a meeting has been scheduled with SP Ausnet on the 28th of April 2014. Discussions are continuing regarding operational issues and the replacement of switch gear at MWE sub station. I informed Management that I will be attending this meeting, Management agreed to provide confirmation of dates and times.

- Geotech Conversation -

Senior Mining Engineer Tony Ferrazza held discussions with geotech personnel, no issues were identified during these discussions.

#### Site Observations

I observed concrete replacement supply poles as a result of the fire and burnt shrubs along a section of the Northern Batters adjacent to the communications towers. I also observed a number of fire damaged wooden supply poles still in service. Management informed that SP Ausnet have management and control over this 'easement'. I informed Management that I intend to continue enquiries with AUSTRALIAN POWER PARTNERS B V & OTHERS and SP Ausnet regarding ownership/management/control over these assets and 'easement' on the 28th of April.

3. The above mentioned enquiries, discussions and observations does not indicate that AUSTRALIAN POWER PARTNERS B V & OTHERS complies with all health and safety requirements, nor does it affect the continuing obligation to ensure workplace health and safety.
4. In accordance with Section 99 (a) and (b) of the Occupational Health and Safety Act 2004, I inspected, examined and made enquiries. This includes documents detailed in this Entry Report or as follows:
  - Batter Assessment, dated 08/04/2014;
  - Contractor JSEA "digging out burning coal" dated 1st April 2014,
  - Operator 'take 5',
  - Adrian Abbott - Verification of Competency dated 26/03/14; and
  - Adrian Abbott - copy of operator ticket with excavator endorsement.
5. You are hereby notified that under Section 99(d) of the Occupational Health and Safety Act 2004, during an inspection at HAZELWOOD POWER STATION BRODRIBB ROAD HAZELWOOD 3840, a copy of Batter Assessment, dated 08/04/2014 was seized as it may afford evidence of the commission of an offence against this Act or the Regulations.

6. In accordance with section 122 of the Occupational Health and Safety Act 2004, for the purposes of exercising my powers as documented in this report, I have sought the assistance of Tony Ferrazza, Senior Mining Engineer, WorkSafe.

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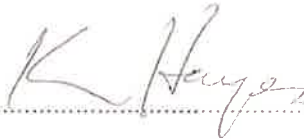
## INSPECTOR INFORMATION

Name of Inspector: **Kevin Hayes**

Telephone Number of Inspector:

Facsimile Number of Inspector:

Inspector's Signature: .....



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## ENTRY REPORT



Visit Number: **V01017400400L**

Entry Date and Time : **28/04/2014 10:00 AM**      Departure Date and Time: **28/04/2014 02:00 PM**

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### PLACE ENTERED

**AUSTRALIAN POWER PARTNERS B V & OTHERS**  
ABN: **40924759557**  
Tenement No: **MIN5004**  
  
**HAZELWOOD POWER STATION BRODRIBB ROAD**  
**HAZELWOOD 3840**  
  
Phone Number:  
Trading Name:  
  
**HAZELWOOD POWER**

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### OTHER PERSONS ATTENDING WITH INSPECTOR

Other Persons: **John Robinson, Peter Brimblecombe, Chris Morley, Kashif Siddique, Matt Spain, Stan Kemsley, Rob Dugan, Darren Grieve and Steve Dargan (H'wood) and Jim Haylock, Barry Atkins and Martin Legg (SP Ausnet).**

WorkSafe Staff: **Tony Ferrazza**

### THIS REPORT GIVEN TO

Name: **George Graham**      Persons Position: **Employer Representative**  
Service Method: **Left for a person**

Name of person copy given to: **HSR Not Available**      Persons Position: **Health and Safety Representative**

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### Purpose for entry:

I entered this place to follow up on matters dealt with at a previous visit.

Under section 98(1) of the Occupational Health and Safety Act 2004, I entered your workplace during working hours.

### OBSERVATIONS AND ACTIONS OF THE INSPECTOR

1. AUSTRALIAN POWER PARTNERS B V & OTHERS is a partnership that is listed as AUSTRALIAN POWER PARTNERS B V & CISL (HAZELWOOD) PTY LIMITED & HAZELWOOD INVESTMENT COMPANY PTY LIMITED & HAZELWOOD PACIFIC PTY LTD & NATIONAL POWER AUSTRALIA INVESTMENTS LIMITED under the ABN 40924759557.

2. I attended your workplace in the company of WorkSafe Senior Mining Engineer, Tony Ferrazza to follow up on a visit I conducted on the 8th of April 2014 (ER V01017400399L) and to continue enquiries into the mine fire emergency/incident that began on the 9th of February 2014.

- Progress of Power Supplies Activities -

A meeting was being held today between SP Ausnet and Hazelwood Management, WorkSafe attended and briefly discussed management and control of site easements, vegetation management, and maintenance and selection of assets within the tenement boundary. WorkSafe will schedule a meeting with SP Ausnet, SP Ausnet will provide clarity surrounding the management and control of these activities.

In addition, Management agreed to discuss these issues at this meeting (without WorkSafe's presence).

Other items for discussion:

- Investigation Progress -

Mr Harkins confirmed that an investigation is currently in progress and confirmed that AUSTRALIAN POWER PARTNERS B V & OTHERS legal advisors are undertaking this activity.

- Review of MMH #7 Mine Fires -

Management informed that a review session was conducted on the 14th April 2014, including the progress of Improvement Notice V01017400395L/111-01. Actions have been listed within the minutes of the MMH No. 7 meeting. Management believe that they will meet the Improvement Notice time frames.

The review is progressing and outcomes will be included within the investigation.

- Emergency Management -

Discussions included:

- Listed roles and responsibilities;
- Verification of roles with listed employees including two Emergency Commanders and an Emergency Services Liaison Officer. No issues were identified, all were able to articulate their listed roles and responsibilities;
- Logs and Rosters; and
- Training.

Management were not able to provide evidence of training as per section 11 of the Emergency Response Plan - Mine Version 5.0.3 "Training and Development" as their computer system was not operating. I informed Management that I will continue to follow-up on this requirement.

3. The above mentioned enquiries, discussions and observations does not indicate that AUSTRALIAN POWER PARTNERS B V & OTHERS complies with all health and safety requirements, nor does it affect the continuing obligation to ensure workplace health and safety.
4. In accordance with Section 99 (a) and (b) of the Occupational Health and Safety Act 2004, I inspected, examined and made enquiries. This includes documents detailed in this Entry Report or as follows:
  - Emergency Response Plan - Mine Version 5.0.3;
  - Minutes of MMH No. 7 - Fires; and

- Incident Rosters dated 10th -14th Feb and 19th - 27th Feb.

5. In accordance with section 122 of the Occupational Health and Safety Act 2004, for the purposes of exercising my powers as documented in this report, I have sought the assistance of Tony Ferrazza, Senior Mining Engineer, WorkSafe.

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## INSPECTOR INFORMATION

Name of Inspector: **Kevin Hayes**

Telephone Number of Inspector:

Facsimile Number of Inspector:

Inspector's Signature: .....



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## INTERNAL REVIEW OF CERTAIN INSPECTOR DECISIONS

If you want to apply for internal review of a decision made by an inspector during this visit, you must lodge the approved application form with the Internal Review Unit within 14 days of the date the decision came to your notice. WorkSafe Victoria (WorkSafe) must conduct the internal review within legislated time frame of either 7 or 14 days depending on the category of reviewable decision. If WorkSafe does not notify you of the internal review decision within the required time, WorkSafe is taken to have made a decision to affirm the reviewable decision. Not all decisions can be internally reviewed and in order to seek internal review of a decision you must be an eligible person.

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