



Ass # 905

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MINISTER FOR THE ENVIRONMENT WESTERN

**STATEMENT THAT A PROPOSAL MAY BE IMPLEMENTED
(PURSUANT TO THE PROVISIONS OF THE
ENVIRONMENTAL PROTECTION ACT 1986)**

**MID-WEST IRON AND STEEL PROJECT, GERALDTON STEEL PLANT,
NARNGULU INDUSTRIAL ESTATE, GERALDTON (905)**

KINGSTREAM RESOURCES NL

This proposal may be implemented subject to the following conditions:

1 Proponent Commitments

The proponent has made a number of environmental management commitments in order to protect the environment.

- 1-1 In implementing the proposal, the proponent shall fulfil the commitments made in the Public Environmental Review, in response to issues raised following public submissions and those forwarded to the Department of Environmental Protection on 23 January 1996; provided that the commitments are not inconsistent with the conditions or procedures contained in this statement.

The proponent's environmental management commitments, published in Environmental Protection Authority Bulletin 804 (Appendix 5), as revised on 23 January 1996, are attached.

2 Implementation

Changes to the proposal which are not substantial may be carried out with the approval of the Minister for the Environment.

- 2-1 Subject to these conditions, the manner of detailed implementation of the proposal shall conform in substance with that set out in any designs, specifications, plans or other technical material submitted by the proponent to the Environmental Protection Authority with the proposal.
- 2-2 Where, in the course of that detailed implementation referred to in condition 2-1, the proponent seeks to change the designs, specifications, plans or other technical material submitted to the Environmental Protection Authority in any way that the Minister for the Environment determines, on the advice of the Environmental Protection Authority, is not substantial, those changes may be effected.

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3 Proponent

These conditions legally apply to the nominated proponent.

- 3-1 No transfer of ownership, control or management of the project which would give rise to a need for the replacement of the proponent shall take place until the Minister for the Environment has advised the proponent that approval has been given for the nomination of a replacement proponent. Any request for the exercise of that power of the Minister shall be accompanied by a copy of this statement endorsed with an undertaking by the proposed replacement proponent to carry out the project in accordance with the conditions and procedures set out in the statement.

4 Impacts on Residents

Predicted noise, dust and light overspill impacts on residents living near the Mullewa transfer facility and Narngulu steel plant, particularly at the Narngulu townsite and adjacent rural areas, have the potential to be unacceptable and require a management strategy for resolution before development commences.

- 4-1 Prior to construction, the proponent shall prepare a management strategy, in consultation with the surrounding residents, which details plans for either modifying operations or for relocating residents who would be affected by unacceptable noise, dust and light overspill from the steel production operation at Narngulu, to the requirements of the Minister for the Environment on advice of the Environmental Protection Authority.
- 4-2 Prior to construction, the proponent shall prepare a management strategy, in consultation with the surrounding residents, which details plans for either modifying operations, or for relocating residents who would be affected by unacceptable noise, dust and light overspill from the Mullewa transfer facility, to the requirements of the Minister for the Environment on advice of the Environmental Protection Authority.
- 4-3 Should the strategies prepared in accordance with conditions 4-1 and/or 4-2 lead to modifying operations rather than relocation of residents in either case, the proponent shall implement the strategy(ies) through the Environmental Management Programme required by condition 5-1.
- 4-4 Should the strategies prepared in accordance with condition 4-1 and/or 4-2 lead to relocation of residents, the proponent shall implement the strategy(ies) to the requirements of the Minister for the Environment.

5 Environmental Management Programme

In order to plan for such a large processing operation with potential large-scale environmental impacts in reasonable proximity to sensitive premises, an Environmental Management Programme is required.

- 5-1 Prior to commissioning, the proponent shall prepare an Environmental Management Programme, to the requirements of the Environmental Protection Authority on advice of the Department of Environmental Protection.

This Programme shall address, but not be limited to the following:

Noise

- 1 monitoring and audit programme for noise emissions as a means of gauging the effectiveness of noise control measures and compliance with the noise regulations.

Gaseous emissions (including greenhouse gases and odours)

- 2 monitoring and audit programme for all gaseous and odorous emissions (stack and ambient), including greenhouse gases;
- 3 calculations of the greenhouse gas emissions (using methodology developed for Australia); and

- 4 employment of best endeavours to assist in the achievement of governments' desired position regarding the generation of greenhouse gas emissions.

Dust and particulate emissions

- 5 monitoring and audit programme for all dust and particulate emissions (including fugitive dust) and the moisture content of all storage stockpiles as a means of gauging the effectiveness of dust control.

Liquid and solid waste disposal

- 6 details of waste disposal approvals obtained from relevant government authorities and how the conditions of those approvals will be implemented.

Protection of groundwater

- 7 efficient use and conservation of fresh water;
- 8 preferential use of brackish water; and
- 9 monitoring and audit programme for groundwater quality at the plant perimeter and at other selected sites within the plant, following liaison with the Water and Rivers Commission.

Light overspill

- 10 details of management measures to ensure that light overspill from the plant and transfer facility near Mullewa meets the requirements of the Department of Environmental Protection.

Results

- 11 results of monitoring programmes to be submitted annually to the Department of Environmental Protection for audit, and to be made publicly available.

Performance audit

- 12 annual performance audit of the environmental objectives, and allowance for continuous improvement as new operational procedures and knowledge are developed.

- 5-2 The proponent shall make the Environmental Management Programme required by condition 5-1 available for public review at appropriate times.

- 5-3 The proponent shall implement the Environmental Management Programme required by condition 5-1.

6 Incorporation of Low NO_x Technology

- 6-1 Prior to construction, the proponent shall design the power station gas turbines to incorporate low NO_x technology, to the requirements of the Minister for the Environment on advice of the Environmental Protection Authority.

- 6-2 The proponent shall construct the power station gas turbines according to the design required by condition 6-1.

7 Decommissioning

- 7-1 The proponent shall carry out the satisfactory decommissioning of the project, removal of installations and rehabilitation of the site and its environs.

- 7-2 To achieve the objectives of condition 7-1, at least six months prior to decommissioning, the proponent shall prepare a decommissioning and rehabilitation plan.

- 7-3 The proponent shall implement the plan required by condition 7-2.

8 Time Limit on Approval

The environmental approval for the proposal is limited.

- 8-1 If the proponent has not substantially commenced the project within five years of the date of this statement, then the approval to implement the proposal as granted in this statement shall lapse and be void. The Minister for the Environment shall determine any question as to whether the project has been substantially commenced.

Any application to extend the period of five years referred to in this condition shall be made before the expiration of that period to the Minister for the Environment.

Where the proponent demonstrates to the requirements of the Minister for the Environment on advice of the Department of Environmental Protection that the environmental parameters of the proposal have not changed significantly, then the Minister may grant an extension not exceeding five years.

9 Performance Review

- 9-1 Each year following the commencement of construction, the proponent shall prepare an audit of the performance of the Environmental Management Programme referred to in condition 5-1, and in particular the audit shall show rectification and improvement measures where required.

The annual audit shall be presented to the Department of Environmental Protection acting on behalf of the Environmental Protection Authority.

- 9-2 Each five years following the commencement of construction, the proponent shall prepare a major review of the following:

- (1) environmental protection, including but not limited to consideration of the environmental objectives;
- (2) the audit of performance against these objectives; and
- (3) the audit of the performance of the Environmental Management Programme referred to in condition 5-1;

to the requirements of the Environmental Protection Authority on advice of the Department of Environmental Protection.

These environmental objectives shall include but not be limited to those identified by the Environmental Protection Authority in the assessment report (Environmental Protection Authority Bulletin 804) and account for operating experience and new knowledge.

The environmental objectives may be changed by the Environmental Protection Authority following the review.

10 Compliance Auditing

To help determine environmental performance, periodic reports on progress in implementation of the proposal are required.

- 10-1 The proponent shall submit periodic Performance and Compliance Reports, in accordance with an audit programme prepared by the Department of Environmental Protection in consultation with the proponent.

Procedure

- 1 Unless otherwise specified, the Department of Environmental Protection is responsible for assessing compliance with the conditions contained in this statement and for issuing formal clearance of conditions.
- 2 Where compliance with any condition is in dispute, the matter will be determined by the Minister for the Environment.
- 3 The Environmental Protection Authority will undertake a detailed review of the proposal and the results of the Environmental Management Programme referred to in condition 5-1 after the first five years following commencement of construction.

Note

The proponent is required to apply for a Works Approval and Licence for this project under the provisions of Part V of the Environmental Protection Act.



Kevin Prince LL.B MLA
A/MINISTER FOR THE ENVIRONMENT

18 APR 1996

Proponent's Environmental Management Commitments

23 January 1996

**MID-WEST IRON AND STEEL PROJECT
GERALDTON STEEL PLANT
NARNGULU INDUSTRIAL ESTATE, GERALDTON
(905)**

KINGSTREAM RESOURCES NL

LIST OF CONSOLIDATED COMMITMENTS

GERALDTON STEEL PROJECT

KINGSTREAM RESOURCES NL

CONSTRUCTION & OPERATION

- 1 The proponent will ensure that the Geraldton Steel Plant is designed and constructed in accordance with the descriptions provided in the PER. [Timing - prior to and during construction].
- 2 The proponent will ensure that the construction and operation of the GSP conforms with environmental conditions and regulations as determined by the Minister for Environment. [Timing - prior to construction and during the life of the Project].
- 3 The proponent will appoint an Environmental Manager who will be responsible for environmental management of the construction and operation of the GSP. [Timing - prior to construction].

COMMUNITY LIAISON

- 4 The proponent will continue to liaise with local communities, local authorities, and government agencies to provide information about the MWIS Project and in order to promote benefits to the Mid West Region. [Timing - prior to construction and during the life of the Project].

ATMOSPHERIC EMISSIONS

- 5 The proponent will, prior to construction, develop and subsequently implement an Environmental Management Programme which will ensure that all gaseous and odorous emissions and ground level concentrations are within established criteria. The Environmental Management Programme will include, but not be restricted to:
 - 1 - the development of suitable monitoring programmes; and
 - 2 - contingency plans should emissions exceed established criteria to reduce emission levels below those criteria.

The results of the monitoring programmes will be reported to the Department of Environmental Protection and will be available to the public.

- 6 The proponent will, prior to construction, develop and subsequently implement an Environmental Management Programme which will ensure that all dust and particulate emissions and ground level concentrations are within established criteria. The Environmental Management Programme will include, but not be restricted to:

- 1 - the development of suitable monitoring programmes; and

- 2 - contingency plans should emissions exceed established criteria to reduce emission levels below those criteria.

The results of the monitoring programmes will be reported to the Department of Environmental Protection and will be available to the public.

NOISE

- 7 The proponent will incorporate specific noise attenuation measures in the detailed design of the GSP which will ensure that the requirements of the Environmental Protection Act, 1986 Regulations or any new Regulations with respect to noise are complied with. These measures will be to the satisfaction of the DEP. [Timing - detailed design phase of the Project].

- 8 The proponent will, prior to construction, develop and subsequently implement an Environmental Management Programme which will ensure that all noise emissions are within established criteria. The Environmental Management Programme will include, but not be restricted to:

- 1 - the development of suitable monitoring programmes; and

- 2 - contingency plans should emissions exceed established criteria to reduce emission levels below those criteria.

The results of the monitoring programmes will be reported to the Department of Environmental Protection and will be available to the public.

SOLID WASTE

- 9 The proponent will investigate opportunities for the use of solid wastes generated by the GSP. [Timing - prior to and during the operation of the GSP].

VISUAL IMPACT

- 10 The proponent will establish landscape plantings around the perimeters of the GSP site adjacent to roads and small property holdings. The landscape treatment will be developed in consultation with the Shire of Greenough and will be to the satisfaction of the DEP. [Timing - prior to and during construction of the GSP].

GERALDTON AIRPORT

- 11 The proponent will liaise with the Shire of Greenough regarding aircraft operations at Geraldton Airport. [Timing - prior to construction].

WATER SUPPLY

- 12 The proponent will participate in, or will implement an exploration programme to define a groundwater resource to provide water to the GSP and will use non-potable water for cooling purposes in preference to potable water provided that a suitable resource is identified by the groundwater exploration programme and that use of this resource would not incur additional costs relative to supply of potable water. (Timing - exploration programme, prior to and during the initial phase of construction; use of non-potable groundwater - throughout life of the project).

PROTECTION OF GROUNDWATER

- 13 The proponent will prepare and subsequently implement a Drainage Management Plan which specifies measures designed to ensure the protection of groundwater resources at the site of the GSP and will submit this plan to the DEP for approval (Timing - prior to construction).