



WESTERN AUSTRALIA

Ass # 900

Bull # 777

State # 394

OFFICE OF THE MINISTER FOR THE ENVIRONMENT

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

**WASTEWATER MANAGEMENT & DISPOSAL SYSTEM, COLLIE POWER STATION
8KM NORTH-EAST OF COLLIE (900)**

WESTERN POWER CORPORATION

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 Consultative Environmental Review and in response to issues raised following public submissions; provided that the commitments are not inconsistent with the conditions or procedures contained in this statement.

A schedule of environmental management commitments (August 1995) which will be audited by the Department of Environmental Protection is 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. Where, in the course of that detailed implementation, the proponent seeks to change those designs, specifications, plans or other technical material 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.

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.

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- 6 SEP 1995

4 Environmental Management Programme

- 4-1 The proponent shall protect the land environment from the impacts resulting from the construction and operation of the pipeline from the Collie Power Station to the ocean.
- 4-2 The proponent shall protect the marine environment from the impacts resulting from the discharge of saline wastewater to the ocean.
- 4-3 To achieve the objectives of conditions 4-1 and 4-2, prior to commissioning and in consultation with the Department of Environmental Protection and other appropriate government authorities, the proponent shall prepare an Environmental Management Programme which addresses, but is not limited to the following:

Pipeline

- 1 management of dust, fire risk in vegetated areas, soil erosion and spread of dieback disease;
- 2 survey of areas for rare and endangered flora, in consultation with the Department of Conservation and Land Management;
- 3 construction at Leschenault Inlet in summer to protect wetland area, but avoiding peak bird use times;
- 4 revegetation and rehabilitation of land affected by construction of the pipeline;
- 5 pipeline input water quality monitoring;
- 6 pipeline integrity monitoring;
- 7 rectification measures should monitoring indicate adverse impacts;

Onsite

- 8 monitoring of ponds (including pond integrity and leakage);
- 9 rectification measures should monitoring indicate adverse impacts;
- 10 the nutrient absorptive capacity of the land proposed for agro-forestry;

Ocean Discharge

- 11 background and on-going monitoring of ocean outfall; and
- 12 rectification measures should monitoring indicate that ocean outfall effects are not as predicted.

- 4-4 The proponent shall implement the Environmental Management Programme required by condition 4-3, to achieve the objectives of conditions 4-1 and 4-2.
- 4-5 In the event that monitoring shows unacceptable environmental impacts, the proponent shall prepare and subsequently implement plans to mitigate these impacts.

5 Decommissioning

- 5-1 The proponent shall carry out the satisfactory decommissioning of the project, removal of installations and rehabilitation of the site and its environs.
- 5-2 At least six months prior to decommissioning, the proponent shall prepare a decommissioning and rehabilitation plan to achieve the objectives of condition 5-1.
- 5-3 The proponent shall implement the plan required by condition 5-2.

6 Time Limit on Approval

The environmental approval for the proposal is limited.

- 6-1 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 by way of a request for a change in the condition under Section 46 of the Environmental Protection Act. (On expiration of the five year period, further consideration of the proposal can only occur following a new referral to the Environmental Protection Authority.)

7 Compliance Auditing

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

- 7-1 The proponent shall submit periodic Progress 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.

Note

- 1 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.

Peter Foss, MLC
MINISTER FOR THE ENVIRONMENT

05 SEP 1995

**Schedule of Environmental Management Commitments
which will be audited by the
Department of Environmental Protection
(August 1995)**

**WASTEWATER MANAGEMENT & DISPOSAL
SYSTEM, COLLIE POWER STATION
8KM NORTH-EAST OF COLLIE (900)**

WESTERN POWER CORPORATION

WATER MANAGEMENT SYSTEM

- 1 The proponent will ensure that the water discharged into the ocean will be clear, moderately saline, at ambient temperature and free of any objectionable or unsightly material, to the satisfaction of the DEP.
- 2 If a failure of the saline water disposal system should occur, the proponent will direct the saline water to the saline water disposal pond until the fault is rectified, to the satisfaction of the DEP.
- 3 The proponent will construct and line on-site storage ponds to limit seepage into local groundwater systems, to the satisfaction of the DEP and on the advice of the Water Authority.
- 4 If any of the on-site storage ponds is found to leak and cause an environmental impact (as defined by the DEP), the proponent will implement procedures to identify the reasons for the leakage and prevent a recurrence, to the satisfaction of the DEP and on the advice the Water Authority.
- 5 The proponent will ensure that sewage will undergo appropriate treatment to satisfy both WAWA and public health authorities. The treated sewage will be recycled within the power station as appropriate or use for on-site reticulation of vegetation.

SALINE WATER PIPELINE

- 6 The proponent will ensure that, where practical, the pipeline will pass through existing cleared service corridors and avoid remnant bushlands, wetlands (including small confined waterbodies) and other environmentally important or sensitive areas, to the satisfaction of the DEP and on the advice of CALM.
- 7 The proponent will implement policies to eliminate the possible spread of dieback and weeds during construction from infected areas to disease-free and weed-free areas, to the satisfaction of CALM.
- 8 The proponent will implement strict fire precautions during pipeline construction to the satisfaction of CALM.
- 9 The proponent will ensure that disruption to access and stock movement during construction is of minimal practical duration.

- 10 The proponent will utilize dust suppression measures, such as water sprays from tankers, to minimize dust generation during pipeline construction, to the satisfaction of the DEP.
- 11 The proponent will minimize the impact of blasting by limiting blasting to daylight hours and calm conditions, and by using the minimum charge required, to the satisfaction of the Department of Minerals and Energy.
- 12 The proponent will develop site-specific mitigation or management plans by negotiating with individual land owners before commencing construction of the pipeline.
- 13 The proponent will install safety devices to reduce the potential for and impact of pipeline rupture. These devices will be installed to the satisfaction of the DEP and on the advice of the Water Authority.
- 14 The proponent will conduct periodic inspections of the pipeline and its components and undertake periodic maintenance to ensure system integrity, to the satisfaction of the Water Authority.
- 15 The proponent will institute measures so that an alarm will be raised and the pumps shut down automatically if a significant leak in the pipeline was detected. These measures will be to the satisfaction of the DEP and on the advice of the Water Authority.
- 16 The proponent will repair any damage to the surrounding environment in the event of a pipeline rupture or leak, to the satisfaction of the DEP.
- 17 The proponent will restore areas disturbed by construction activities progressively and as soon as possible after the completion of a portion of the construction. Disturbed areas will be re-vegetated with appropriate species. Particular attention will be paid to the rehabilitation of coastal sands, near wetlands and areas that may be susceptible to erosion.
- 18 The proponent will arrange for the rehabilitation of land on CALM managed estates to a condition that existed prior to construction. The rehabilitation shall be to the satisfaction of CALM.
- 19 The proponent will work closely with relevant authorities including local government, MRWA and Westrail to ensure that existing infrastructure, and, as far as possible, future infrastructure upgrades, are incorporated into the final route selection.

OCEAN OUTFALL

- 20 The proponent will site the ocean outfall off the Leschenault Peninsula in an area of low conservation value to minimize the effects of the discharge on the surrounding environment, to the satisfaction of the DEP.
- 21 Should monitoring of the ocean near the outfall detect an adverse environmental impact as a result of the saline water discharge (as defined by the DEP), the proponent will review the operation of the saline water management system and implement changes, to the satisfaction of the DEP.

MONITORING

22

As part of the environmental management programme to be prepared for the Collie Power Station, the proponent will submit and subsequently implement a monitoring programme to the satisfaction of the DEP. The monitoring programme will address the following aspects of the water management system:

- 1 leakage of on-site ponds
- 2 quality of saline water discharge
- 3 integrity of the pipeline
- 4 verification of dispersion at the outfall
- 5 quality of the ocean-receiving environment.

Reports of the results of the monitoring programme will be submitted regularly to the DEP and will be made publicly available, to the satisfaction of the DEP.

ADDITIONAL COMMITMENTS

23

In recognition of the sensitivity of the existing wetland environment, the proponent will locate the pipeline to the northern side of Buffalo Road to the satisfaction of CALM, LIMA and the DEP.

24

The proponent commits to meet with LIMA to discuss the route and construction arrangements.