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WESTERN AUSTRALIA
MINISTER FOR ENVIRONMENT

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

AIR SEPARATION UNIT - KWINANA

This proposal may be implemented subject to the following conditions:

1. The proponent shall adhere to the proposal as assessed by the Environmental Protection Authority and shall fulfil the commitments made in the Notification of Intention (copy of commitments attached).
2. The proponent shall carry out landscaping of the site to the satisfaction of the Environmental Protection Authority on advice from the Kwinana Town Council.
3. Prior to commissioning, the proponent shall prepare a comprehensive hazard identification and risk management programme for the Air Separation Unit to the satisfaction of the Minister for Environment upon the advice of the Department of Mines. This shall include, but not necessarily be limited to:
 - . a Total Hazard Control Plan;
 - . a provision of adequate protection against the effects of possible fires on the LPG Plant site;
 - . development of on-site emergency procedures;
 - . co-operation in the Kwinana Integrated Emergency Management Scheme; and
 - . safety review of the hydrogen gas supply and any storage.
4. Prior to construction, the proponent shall obtain a Works Approval and, prior to commissioning, obtain a Licence for the proposed facility under the provisions of Part V of the Environmental Protection Act 1986.
5. The proponent shall be responsible for decommissioning the plant and rehabilitating the site and its environs to the satisfaction of the Environmental Protection Authority on advice from the Kwinana Town Council.
6. The proponent shall, at least six months prior to decommissioning, prepare a decommissioning and rehabilitation plan to the satisfaction of the Environmental Protection Authority on advice from the Kwinana Town Council.

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7. 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 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.

Bob Pearce, MLA
MINISTER FOR ENVIRONMENT

25 JAN 1990



LIQUID AIR
WESTERN AUSTRALIA

AIR LIQUIDE GROUP COMPANY

68

LIQUID AIR W.A. PTY. LTD.

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ISH:JC

20 December 1989

The Chairman
Environmental Protection Authority
1 Mount Street
PERTH W.A. 6000

Dear Sir

PROPOSED KWINANA AIR SEPARATION UNIT

As the nominated proponent for the Kwinana Air Separation Unit, Liquid Air W.A. Pty Ltd makes the following environmental commitments:

1. During construction, the necessary measures will be taken to ensure that noise and dust caused by construction activities are minimized, to the satisfaction of the Environmental Protection Authority.
2. All construction materials and practices will comply strictly with relevant Australian or, where Australian codes do not exist, internationally accepted codes of practice to the satisfaction of the Department of Occupational Health Safety and Welfare.
3. All pressure vessels and piping used for cryogenic service will be constructed with stainless steel or aluminium, to the satisfaction of the Department of Occupational Health Safety and Welfare in a design review. Most pipe connections will be welded with flanged connections used only for certain control valves and expansion turbines for ease of maintenance.
4. The plant will be automatic in normal steady state operations, with manual control required only for product flow re-adjustment.

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Karratha.
Lot 1018, Coolawanyah Rd., Karratha
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5. The plant will contain a number of safety features including duplication of critical components, appropriate safety valves, purges, defrosting, monitoring devices, fire protection and provisions for emergency shutdowns, to the satisfaction of the Department of Mines.

6. The proponent will join and participate in the fire fighting co-operative already established in the Kwinana area.

7. The design, construction and operation of the pipelines to and from the plant will be to the satisfaction of the Department of Mines.

8. Design and construction of cryogenic tankers for transport of liquid products by road will comply with the appropriate legislation pertaining to the transportation of dangerous goods, to the satisfaction of the Department of Mines.

9. The plant will not produce atmospheric wastes or odours during operation. There will be on-going control of dust.

10. There shall be no discharge of waste process water from the site.

11. The plant will be designed, constructed and operated to comply with the requirements of the Noise Abatement (Neighbourhood Annoyance) Regulations of the Environmental Protection Act, 1986.

12. Domestic wastes will be disposed of by sanitary landfill to the satisfaction of the local authority.

Yours faithfully,

J.S. HILL
Engineering & Operations
Manager