



WESTERN AUSTRALIA
MINISTER FOR THE ENVIRONMENT

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

HYDROGEN SUPPLY FOR AIR SEPARATION PLANT, KWINANA

LIQUID AIR WA PTY LTD

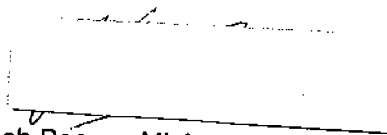
This proposal may be implemented subject to the following conditions:

1. In implementing the proposal, the proponent shall fulfil the commitments (which are not inconsistent with the conditions or procedures contained in this statement) made in the Consultative Environmental Review. (A copy of the commitments is attached).
2. 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. Prior to commissioning, the proponent shall allow for the pipeline extension within the comprehensive hazard identification and risk management programme for the Air Separation Unit, to the satisfaction of the Minister for the Environment on advice of the Department of Mines.
4. The proponent shall be responsible for decommissioning and removal of the pipeline and installations and rehabilitating the site and its environs to the satisfaction of the Environmental Protection Authority. At least six months prior to decommissioning, the proponent shall prepare and subsequently implement a decommissioning and rehabilitation plan to the satisfaction of the Environmental Protection Authority.
5. 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.

Published on

- 5 FEB 1991

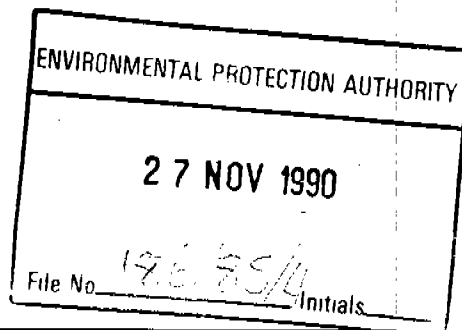
6. If the proponent has not substantially commenced the project within five years of the date of this statement, then the approval to implement the proposal as granted in this statement shall lapse and be void. The Minister for the Environment shall determine any question as to whether the project has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


Bob Pearce, MLA
MINISTER FOR THE ENVIRONMENT

- 5 FEB 1991

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ISH:JC

26 November 1990

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

Dear Sir

PROPOSED ALTERNATIVE HYDROGEN SUPPLY
FROM CSBP & FARMERS
TO AIR SEPARATIONB PLANT KWINANA
AMENDMENT (37/532)

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.

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4. The plant will be automatic in normal steady state operations, with manual control required only for product flow re-adjustment.
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. The control, operation and maintenance of the hydrogen compressor and drying unit up to the outlet connection on the skid battery limits ("the point of supply"), will be under the control and supervision of CSBP & Farmers.

Liquid Air W.A. Pty Ltd will be responsible for the installation, testing and maintenance of the hydrogen pipeline from the above "point of supply" with CSBP & Farmers to the connection with the existing hydrogen line - including the existing hydrogen line to the Air Separation plant.

Yours faithfully,

I.S. HILL
Engineering & Operations
Manager



LIQUID AIR
WESTERN AUSTRALIA

AN AIR LIQUIDE GROUP COMPANY

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26 November 1990

The Manager
CSBP & Farmers Ltd
40 The Esplanade
PERTH W.A. 6000

Subject: HYDROGEN SUPPLY TO LIQUID AIR W.A. PTY LTD's
AIR SEPARATION PLANT, KWINANA

In order to clearly define each parties responsibility for control of equipment/facilities for the above, we set out below details as discussed at our last meeting.

1. CSBP
CSBP to be responsible for the engineering, purchasing and installation of the equipment necessary for the supply of compressed dry hydrogen at the battery limit, "the point of supply" within CSBP's chlor alkali plant.

CSBP to be responsible for the operation, maintenance and safety of the compressor and drying facilities up to "the point of supply".

2. LAWA
LAWA to be responsible for the engineering, procurement and installation of the hydrogen line from "the point of supply" to the existing hydrogen line adjacent to TIWEST.

2.

LAWA to be responsible for obtaining approval for this pipeline extension from the EPA, Mines Department and Kwinana Town Council.

LAWA to be responsible for the maintenance of the complete line from" the point of supply" with CSBP and the Liquid Air W.A. Pty Ltd Kwinana Air Separation plant.

Yours faithfully,

I.S. HILL
Engineering & Operations
Manager