

JUST-IN CASE FIRE LTD.

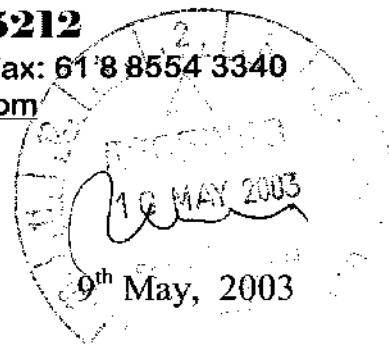
I Merrilli Close,

Port Elliot, South Australia, 5212

Phone: 61 8 8554 2026

Fax: 61 8 8554 3340

Email: kpurdie@justincasefire.com



Committee Secretary,
House Select Committee
on the recent Australian Bushfires,
Department of the Houses of Representatives,
Parliament House,
CANBERRA, A.C.T. 2600
AUSTRALIA.

Submission No. 222

Dear Sir,

Just-In Case Fire Ltd. respectfully submits the following presentation in response to the Federal Parliamentary Committee's request for submissions.

The information provided specifically addresses measures that can be implemented to minimize the national incidence and impact of bushfires.

In our proposal, information is provided on two unique products which are revolutionizing the manner by which fires can be suppressed, resulting in diminution of losses of life, property and the environment.

Under separate cover I am forwarding to the Committee:

1. Hard copy of this submission.
2. A CD of **FIRE CADDY™** – “Product Demonstration Videos, owners’ manuals and Documentation.”

Page two.

3. A copy of the Alberta environment publication "Fire Smart" "Protecting your community from wildfire." I am taking the liberty of providing the Committee with a copy of this publication which may be a useful resource for members in their deliberations.

As Australia's authorized representative for Just-In Case Fire Ltd. I would be pleased to furnish any further information which the Committee requires.

Yours sincerely,

A handwritten signature in black ink, appearing to read "Kingsley B. Purdie". The signature is written in a cursive style with a large, stylized initial "K".

Kingsley B. Purdie.
Just-In Case Fire Ltd.

INTRODUCTION:

I am responding on behalf of Just-In Case Fire Ltd. to the invitation for submissions on measures that can be implemented to minimize the incidence of, and impact of bushfires on, life, property and the environment being investigated by the Select Committee.

Just-In Case Fire Limited, incorporated in Alberta, Canada, has recently released internationally two complementary fire fighting and suppressant products (Refer Appendix B)

FIRE CADDY™ AND FLAMEOUT® provide a unique system which is the most innovative, inexpensive, versatile and effective fire fighting system in the world. Just-In Case Fire is submitting this response as a supplier of equipment, products and solutions.

FIRE CADDY using **FLAMEOUT** has recently received the following approvals.

1. U.S. General Services Administration (GSA) fire fighting list.
2. USDA Forest Services 5100-307 Wildland Fire Foam.

FIRE CADDY using **FLAMEOUT** has recently received very positive feedback from

1. U.S. Federal Emergency Management Agency (FEMA).
2. U.S. Department of Homeland Security.

A practical demonstration of these products can be provided for the Select Committee.

Further enquiries should be directed to:

Mr. Kingsley B. Purdie.
Managing Director,
Kingworld Consulting.
1 Merrilli Close,
Port Elliot, S.A. 521

Phone: 61 8 8554 2026

Fax: 61 8 8554 3340

Email: kpurdie@justincasefire.com

EXECUTIVE SUMMARY.

This proposal presents the unique patented **FIRE CADDY** fire fighting unit and the class A/B Fire suppressant, **FLAMEOUT**.

The combined effectiveness of these products is being rapidly recognised by governments, industry and community in North America, where similar fire conditions result annually in huge losses of life and property, and impact on the environment

Insurance companies are embracing the introduction of these advanced fire fighting products by offering premium reductions for properties protected by **FIRE CADDY**. (Ref Appendix A)

The U.S. Federal Emergency Management Agency (FEMA) has placed **FIRE CADDY** on its required list for a specified quantity of units to be kept in inventory and on standby for emergencies for each of the 52 States.

FIRE CADDY was listed as an innovative new product at the first international urban interface wildlands fire fighting conference in Kansas, Oklahoma in 2002.

The **FIRE CADDY/FLAMEOUT** combination system is an imperative to assist the minimisation of the impact of bushfires on life, property and the environment. Together they will contribute to the prevention and reduction of damage by bushfire and provide an economical and effective adjunct to other control measures.

PRODUCTS:

1. FIRE CADDY™

FIRE CADDY is a unique portable pumping system. It is a self contained fire suppression system which utilizes **FLAMEOUT**, the best foam suppressant and retardant available in the world. Just-In Case Fire Ltd. holds the world distribution rights for **FLAMEOUT** when used with portable powered distribution systems.

The proprietary uniqueness of the **FIRE CADDY** is the manifold which induces **FLAMEOUT** into the water flow. The **FIRE CADDY** fills the void between a conventional fire extinguisher and a fire engine or unit. The performance of the **FIRE CADDY** is closer to a fire engine than an extinguisher, providing powerful fire protection at a fraction of both the capital and operating costs.

The **FIRE CADDY** is a flexible system since it can be used on the self contained wheel cart, or with:

1. Any ready source of water which could include dams, streams, swimming pools or rain water tanks or
2. A trailer with integral water tank.

FIRE CADDY delivers over 48 litres of suppressant per minute, generating 480 KPA. Performance is not diminished using a 75 metre length of 25mm lay flat hose, which projects 18 metres. It is possible to

PRODUCTS (continued)

1. FIRE CADDY

simultaneously operate two hoses of varying sizes with only nominal effect on the performance of either hose.

Combining **FLAMEOUT** with the **FIRE CADDY** dramatically enhances the multi functional effectiveness of the system on class A and B fires. **FLAMEOUT** effectively deprives the flame from oxygen, – it has an incredible and unique cooling capacity and possesses very effective hydrocarbon sheering properties.

The **FIRE CADDY** also features versatility for primary producers and estate owners as it can be used as –

1. A water pump.
2. A sump pump.
3. A watering unit.
4. Spraying unit pressure washer.

Specifications for the **FIRE CADDY** and the **FIRE CADDY** trailer are attached as Appendix C and D respectively. (one page each)

The **FIRE CADDY** brochure is attached as Appendix E. It shows the stand alone system and the purpose designed trailer with integral water tank and **FIRE CADDY** unit.

While **FIRE CADDY** and **FLAMEOUT** are primarily fire suppression solutions, Just-In Case Fire Ltd. has developed a sprinkler system fed by

PRODUCTS (continued)

FIRE CADDY with **FLAMEOUT**. This system provides pre-emptive and pro-active prevention.

The system can feed 8 sprinkler heads, each delivering 50 litres per minute, covering an 18m diameter. This provides a fire projected coverage of 2,000 squ. metres which can be used as a firewall projection around and on structures.

In summary:**FIRE CADDY (using FLAMEOUT):**

- Was devised and developed as an urban interface fire fighting system.
- Is an economical suppression solution priced affordably for mass sales.
- Is an extension of existing fire fighting systems.
- Fills the gap between fire extinguishers, watering hoses, and fire trucks and engines.
- Is a reactive fire protection system.
- Is accepted and approved by federal, state and local jurisdictions.
- Can be configured to protect structures.
- Is a versatile multi purpose pump system.

PRODUCTS (continued)

2. FLAMEOUT®.

FLAMEOUT is the best foam suppressant and retardant of its class available in the world. Just-In Case Fire Ltd. owns the exclusive world-wide distribution rights to **FLAMEOUT** when delivered by **FIRE CADDY**. Bulk distribution rights in Australia have been secured from Summit Environmental Corporation Inc. which owns the patents.

FLAMEOUT is bio degradable and environmentally safe. It's residual properties prevents re-ignition aiding in the establishment of fire breaks.

- **FLAMEOUT** is certified and will extinguish any class A and B fire.
- **FLAMEOUT** is completely safe and non-toxic.
- **FLAMEOUT** will not clog or corrode pipe.
- **FLAMEOUT** is the only wetting agent recommended to be used by both the (U.S.A.) F.D.A. and the E.P.A.
- **FLAMEOUT** is the only certified replacement for Halon 1211.
- **FLAMEOUT** as an U.L. listed water additive is adjustable for ½% to 6% based on the type of fire and fuel load.
- **FLAMEOUT** is listed by the U.S.D.A. Forest Service (qualified or approved and commercially available) for use as wildland fire foam as it meets the requirement of forest service specification 5100-307

PRODUCTS (continued)

2. FLAMEOUT.

- **FLAMEOUT** is utilized for limited aerial water bombing to prevent growth and movement of fires through bushland and forests to keep fires away from urban centres.

In summary:

FLAMEOUT.

- Deprives the flame of oxygen.
- Has incredible and unique cooling capacity.
- Possesses very effective hydro carbon sheering properties.
- Is environmentally safe and non toxic.
- Is the best foam suppressant and retardant of its class available.

Technical product information is included under Appendix F and G.

A web sites list for the **FLAMEOUT** product is included as Appendix H.

APPENDICES : SUMMARY.

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| A. | Letter Northeast Mutual Insurance Co. March 20, 2003. | 1 page |
| B. | Press Releases: | |
| 1. | Bioterrorism equipment. Purcell, Oklahoma, November 21, 2002 | 1 page |
| 2. | Just-In Case Fire Ltd. announces U.S. licensing Agreement for the FIRE CADDY. Calgary, Alberta, Canada, December 5, 2002 | 1 page |
| 3. | Grand Forks Herald (ND) Where there's smoke. | 1 page |
| C. | FIRE CADDY Specifications. | 1 page |
| D. | 125 gallon FIRE CADDY trailer specifications. | 1 page |
| E. | FIRE CADDY brochure. | 2 pages |
| F. | FLAMEOUT Revolutionary fire suppressant wetting agent. | 3 pages |
| G. | FLAMEOUT – Material safety data sheet. | 3 pages |
| H. | WEB SITES – Just-In Case Fire Ltd. | 1 page |