

Paul Foley

From: Mark London [london@mvcommission.org]
Sent: Monday, November 13, 2006 2:05 PM
To: Paul Foley
Subject: FW: Hospital risk of energy disruption

-----Original Message-----

From: Chris Fried [mailto:chrisfried@hotmail.com]
Sent: Monday, November 13, 2006 1:52 PM
To: Mark London
Subject: Hospital risk of energy disruption

11/13/06

To: Parties reviewing proposed new Hospital
From: Chris Fried
Subject: Risk of disruption of electricity and heating fuel

If constructed as presently designed, the proposed new Hospital will be wholly dependant upon imported energy (electricity, diesel fuel, and propane).

I suggest that the Risk & Vulnerability Assessment be expanded to include an investigation of what would happen if these were disrupted for 1+ weeks (due to a major storm, terrorist attack, or other unpredictable event).

(I have heard that the stored supply of propane on the island is relatively short (1-2 weeks?) when compared to oil. Because of this, it might be wise to install an oil-fired boiler in the new Hospital, instead of one fired by propane.)

(This expanded investigation could also clarify (a) how improved floor, wall, and ceiling insulation would increase the number of days that the Hospital could "coast" (after the fuel disruption) and (b) how the installation of solar electric and solar heating panels could make the Hospital somewhat energy self-sufficient.)

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