



**DANGEROUS GOODS PANEL (DGP)
MEETING OF THE WORKING GROUP OF THE WHOLE**

Memphis, 30 April to 4 May 2007

Agenda Item 2: Development of recommendations for amendments to the *Technical Instructions for the Safe Transport of Dangerous Goods by Air* (Doc 9284) for incorporation in the 2009/2010 Edition

2.8: Part 8 — Provisions Concerning Passengers and Crew

**CARRIAGE OF FUEL CELLS CARTRIDGES BY PASSENGERS AND
CREW**

(Presented by Fuel Cell Council)

SUMMARY

The working group is invited to note that the Fuel cell industry is monitoring regulatory development affecting the carriage of fuel cell cartridges by passengers and crew and plans to submit a paper on the issue at DGP/21, once the security requirements have been clarified.

1. INTRODUCTION

1.1 The international security restriction on liquids in passenger carry on baggage and the new ICAO Aviation Security's (AVSEC) security provisions have limited the usefulness of the provisions of the *Technical Instructions for the Safe Transport of Dangerous Goods by Air* (Doc 9284) (8;1.1.2 r 8) for the carriage of fuel cell system spare cartridges in carry-on baggage as any receptacle containing more than 100 ml of liquid will be confiscated at the airport security check. Because of this security restriction, passengers are encouraged to carry any article or receptacle containing liquid in excess of 100 ml in their checked baggage. Unfortunately, placing spare fuel cartridges in checked baggage is not an alternative as the Technical Instructions are very specific about their carriage: they are only allowed as carry-on baggage.

2. ACTION BY THE DGP-WG

2.1 The DGP-WG is invited to note that the Fuel cell industry is monitoring regulatory development affecting the carriage of fuel cell cartridges by passengers and crew. As several efforts are underway in ICAO's Aviation Security and Facilitation Branch and various national security bodies worldwide, it is anticipated that the Security requirements will become clearer by DGP/21. On that assumption, the fuel cell industry intends to file at DGP/21 a paper to provide an appropriate alternative for the carriage of spare fuel cell cartridges by passengers.

— END —