Phase 2 Expert Reports of Dr. Robert Bea

RULE 26 REPORT ON BP'S DEEPWATER HORIZON MACONDO BLOWOUT RE: OIL SPILL by the OIL RIG "DEEPWATER HORIZON" GULF OF MEXICO APRIL 20, 2010 PHASE 2 EXPERT OPINIONS BASIS OF OPINIONS NALYSIS & DISCUSSION Prepared by: Dr. Robert G. Bea, PE Professor Emeritus of Civil and Environmental Engineering University of California, Berkeley Prepared for: The Plaintiff Steering Committee (PSC) for MDL No. 21 At the behest of Plaintiff Liaison Counsel, James P. Roy and Stephen J. Herman Brian Barr & Scott Summy of the Plaintiff Executive Committe UNITED STATES DISTRICT COURT MAG. JUDGE SHUSHAN By order of The Judicial Panel on Multi District Litigation April 5, 2013

HORIZON

- BP Management knowingly ignored required Process Safety Management mitigations for blowout source control in deepwater exploration wells drilled by contractorowned Mobile Offshore Drilling Units in the Gulf of Mexico.
- BP Management's Process Safety
 Management blowout source control
 failures resulted from a disregard of the risk
 of loss of primary containment and
 uncontrolled flow of oil and gas from the
 Macondo well.