TM/TRB MTG. [P.] MON. 10 SEPT., '01 (CROWNE PLAZA, LAS VEGAS, NV.) (CH, DR. JARED COHON)

CHAIRMAN COHON ANNOUNCES PUBLIC COMMENT SPEAKER: 'TOM MCGOWAN'. ~

MCGOWAN: ~ THE REASON THE EUROPEANS 'MISUNDERSTOOD' DR. ABE VAN LUIK IS BECAUSE HE'S ALSO EUROPEAN! ~ ('DUTCH', ISN'T IT, DR. ABE?) ~

DR. VAN LUIK: ~ (NODS ASSENT) 'YES'! ~

MCGOWAN: ~ IN FACT, - THE DUTCH INVENTED THE TOILET SEAT. -- -- AND, .. ONE HUNDRED (100) YEARS LATER, -- THE GERMANS INVENTED THE 'HOLE' IN THE MIDDLE! ' ~

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* TOM MCGOWAN. INDIVIDUAL MEMBER OF THE HUMAN AND UNIVERSAL PUBLIC RESIDING IN LAS VEGAS, NEVADA. ~ I'LL CUT DIRECTLY TO THE 'BONE'! ~

~ > ON AXIOMATIC GROUNDS; --

* THE OFFICIAL GENETIC "YOU", INCLUSIVELY, ARE ENGAGED IN A PRIOR KNOWLEDGEABLE, WILLFUL, DELIBERATE AND INTENTIONALLY MALICIOUS CONSPIRACY TO COMMIT THE CRIME OF MASS GENOCIDE ON A HISTORICALLY UNPRECEDENTED, HUMAN AND UNIVERSAL SCALE, INTERGENERATIONALLY, AND IN PERPETUITY.

* YOU WILL STAND ACCOUNTABLE, RESPONSIBLE AND LIABLE FOR YOUR ACTS, OMISSIONS AND RECOMMENDATIONS, BEFORE AN INTERNATIONAL TRIBUNAL, CONSISTENT WITH THE LEGAL PRECEDENT OF: "UNIVERSAL JURISDICTION", NOTWITHSTANDING RANK AND STATION, OR SOVEREIGN NATIONAL ALLEGIANCE.

* THE FOLLOWING SIX (6) QUESTIONS ARE DIRECTED TO INDIVIDUAL MEMBERS OF THE BOARD, AND THE FINAL QUESTION IS DIRECTED TO DR. ABE VAN LUIK, OR THE DOE.

* PLEASE RESPOND IN 'REAL-TIME', AND ON THE PUBLIC RECORD, WITHOUT REDUCING THE LIMITED TIME ALLOTED FOR PUBLIC COMMENT, ~ ~ WHICH IS TIMED TO CONSIST OF FIVE (5) MINUTES. .. ANY REDUCTION OF THAT ALLOTTED TIME WILL BE CONSTRUED AS 'PUBLIC CENSORSHIP', AND CHARGED ACCORDINGLY.

**** (N.B. TO TRANSCRIBERS: ~ INCLUDE ALL PAGES AS HEREIN SEQUENTIALLY ORDERED) ****

(1) TM/TRB mtg. [8A 5P] MON. 10 SEPT. '01 (CROWNE PLAZA, LAS VEGAS) (CH. COHEN)

· PUBLIC COMMENT

· TOM McGOWAN. LAS VEGAS RESIDENT.

· HONORABLE MR. CHAIRMAN, ESTEEMED MEMBERS OF THE BOARD, MEETING-ATTENDEES AND ALL RECIPIENTS OF THE PUBLIC RECORD OF THESE TRB MEETINGS AND PROCEEDINGS; - GOOD (MORNING/AFTERNOON).

· ON THIS FIRST DAY OF A TWO-AND-ONE-HALF DAYS MEETING OF THE TRB, MY ORAL PUBLIC COMMENT WILL CONSIST OF A SERIES OF PERTINENT QUESTIONS REQUESTED RESPONSE IN 'REAL-TIME' AND ON THE PUBLIC RECORD, CONSISTENT WITH THE BOARD'S EXPRESSED AND PROMULGATED POLICY SUPPORTIVE OF INTERACTIVE PUBLIC PARTICIPATION IN THE HERETO-PERTINENT DEMOCRATIC PROCESS.

MY QUESTIONS VARIABLY WILL BE DIRECTED TO THE BOARD-AT-LARGE; TO SPECIFIC MEMBERS OF THE BOARD RESPECTIVELY; TO THE DOE AND THE NRC-AT-LARGE; AND TO SPECIFIC MEMBERS OF THE DOE AND/OR THE NRC RESPECTIVELY. PLEASE RESPOND TO THE QUESTIONS IN A TIMELY, FORTHRIGHT AND CANDID MANNER, DEVOID OF CIRCUMVENTION OR RHETORICAL HYPERBOLE, AND DEVOID OF REDUCTION OF THE LIMITED TIME ALLOTTED FOR PUBLIC COMMENT.

I REQUEST THE ENTIRETY OF THE QUESTIONS AND ANSWERS, AND OF THE VERBATIM WRITTEN TEXT OF BOTH MY ORAL AND WRITTEN COMMENT DURING EACH AND ALL OF THE 2 1/2 DAYS OF THE HEREIN TRB MEETING BE ACCURATELY AND COMPLETELY INCLUDED IN THE PUBLIC RECORD OF THE MINUTES AND PROCEEDINGS OF EACH AND ALL OF THE HERETO PERTINENT MEETINGS, AND IN EACH AND ALL OF THE HENCEFORTH ENSUING REPORTS

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BY THE TRB TO THE CONGRESS AND PRESIDENT OF THE UNITED STATES, PURSUANT TO DISSEMINATION TO THE ENTIRE DISTRIBUTION LIST, AS WELL AS TO THE ENTIRE EXTANT AND FORSEEABLY EVOLVING AS NUCLEAR WASTE-PERTINENT SOVEREIGN NATIONS OF THE WORLD; THE INTERNATIONAL SCIENTIFIC COMMUNITY; AND THE INTERESTED AND AFFECTED HUMAN AND UNIVERSAL PUBLIC, INTERGENERATIONALLY, AND IN PERPETUITY, FOR SO LONG AS SAID PUBLIC RECORD OF THE TRB SHALL CONTINUE TO ENDURE AS LEGIBLE AND INTELLIGIBLE:

× MY FIRST QUESTION IS DIRECTED TO THE CHAIRMAN, DR. JARED COHON:

(1.) ~ MR. CHAIRMAN, -- ON THE PUBLIC RECORD: ~ WILL THE BOARD HONOR MY REQUEST AS SPECIFIED?; AND:

(A) IF 'NOT', -- 'WHY NOT'?

.. × (CHAIR'S RESPONSE: ~ 'YES', OR 'NO', -- 'BECAUSE' --) .. AND, MR. CHAIRMAN:

(2.) ~ MAY I BE ALLOTTED THE SAME AMOUNT OF TIME FOR PUBLIC COMMENT AS WAS ALLOTTED TO THE MOST PROTRACTED SPEAKER FOR THE DOE? ~ AND:

(A) IF 'NOT', ~ 'WHY NOT'?

.. × (CHAIR'S RESPONSE: -- 'YES', OR 'NO', -- 'BECAUSE' --) ..

× (IN EITHER CASE) ~ THANK YOU, MR. CHAIRMAN. I'LL NOW PROCEED IN THE SPIRIT OF GENUINE COMMUNITY ENGAGED IN INTERACTIVE PARTICIPATION IN THE TRB-PERTINENT DEMOCRATIC PROCESS, IN THE MANNER AND TO THE EXTENT DULY AUTHORIZED BY THE CHAIRMAN OF THE BOARD. ~

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(NB:- Solely in the event Public Participation as requested is DIS-ALLOWED):~

• THAT CONCLUDES MY PUBLIC COMMENT. ~ LET THE RECORD REFLECT THE BOARD'S POLICY of ALLOWING ADEQUATE TIME for THE DOE'S PARTICIPATION IN THE DEMOCRATIC PROCESS DOES NOT EXTEND TO INCLUDE MEMBERS OF THE INTERESTED AND AFFECTED PUBLIC.

(If ALLOWED,.. PROCEED):~

(3.) BOARD MEMBER, DR. JEFFREY WONG: ~ CONSISTENT WITH YOUR EXPERIENCE AND EXPERTISE IN THE FIELD OF TOXINS AND ENVIRONMENTAL DISCIPLINES: ~

(A).. HAVE YOU EVER KNOWN OF A TOXIC OR OTHERWISE HAZARDOUS CONTAMINANT WHOSE ENDURING TERM AS ENSURED IMPACTIVE UPON ORGANIC LIFE AND/OR THE NATURAL ENVIRONMENT REQUISITE TO SUSTAIN LIFE EXCEEDS THE MAXIMUM TERM OF THE DESIGN-ENGINEERED INTEGRITY OF ITS' SECURE CONTAINMENT MATERIAL (?), .. AND, IF SO: ~

(B) WHAT'S THE MOST EFFECTIVE MEANS TO ENSURE THE PERMANENT DISPOSAL OF SAID TOXIN OR HAZARDOUS CONTAMINANT GUARANTEED SECURE FROM THE IMPOSITION OF IMPACTIVE CONSEQUENCES UPON ORGANIC LIFE AND/OR THE HUMAN-ACCESSIBLE NATURAL ENVIRONMENT REQUISITE TO SUSTAIN LIFE? ..

(DR. WONG'S RESPONSES TO: 3.(A) _____ 3.(B) _____ )

THANK YOU, .. AND TO CONTINUE WITH DR. WONG: ~

(C) WHAT PARALLEL CONCERN (IF ANY) DO YOU PERCEIVE OF IN THE INSTANCE OF THE APPLICATION OF YOUR RESPONSE TO THE QUESTION, IF AND AS PLACED

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IN JUXTAPOSITION TO THE QUESTION OF THE UNDERGROUND STORAGE OF HIGH LEVEL NUCLEAR WASTE? ~

(DR. WONG'S RESPONSE, 3.(c) _____). THANK YOU, DR. WONG.

4. BOARD MEMBER, DR. RICHARD PARIZEK: ~

(A) WHAT METHOD OF ENSURED ABSOLUTELY PERFECT VACUUM (IF ANY) WOULD GUARANTEE THE PERMANENT REMOVAL OF 100% OF ALL FORMS OF MOISTURE FROM CONTAINERIZED HIGH LEVEL NUCLEAR WASTE PRIOR TO ITS EMPLACEMENT IN AN UNDERGROUND REPOSITORY? -- AND: ~

(B) HOW COULD ANY SUCH 'GUARANTEE' BE CERTIFIED AS SCIENTIFICALLY ACCURATE, COMPLETE AND RELIABLE, WITH ABSOLUTE CERTAINTY, OVER ANY SUBSTANTIALLY ENDURING TERM?

(DR. PARIZEK'S RESPONSES < 4.(A) / 4.(B) ) ~ THANK YOU, DR. PARIZEK.

5. BOARD MEMBER, DR. DEBRA KNOPFMAN: ~

(A).. DO YOU CONCUR WITH DR. PARIZEK'S INFORMED RESPONSES? -- AND: ~

(B).. IF 'NOT', .. 'WHY NOT'?

(DR. KNOPFMAN'S RESPONSES < 5.(A) / 5.(B) ) ~ AND, DR. KNOPFMAN: ~

(C).. IS SCIENCE AND TECHNOLOGY INTRINSICALLY ENSURED 'SEPERATE, DISCRETE AND SEVERABLE' FROM THE DECISIONMAKING PROCESS FORMULATIVE AND DIRECTIVE OF NATIONAL PUBLIC POLICY AFFECTING THE HUMAN AND UNIVERSAL PUBLIC, INTERGENERATIONALLY, AND IN PERPETUITY OVER THE

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REMAINING TERM OF GEOLOGIC TIME? ~ AND, IF SO: ~

(d).. ON WHAT FACTUAL, REASONING, ETHICAL, MORAL OR OTHER RATIONAL GROUNDS DO YOU BASE YOUR INFORMED RESPONSE? -

(DR. KNOPFMAN'S RESPONSES ( 5.(c) ____ / 5.(D) ____ ) ~ THANK YOU, DR. KNOPFMAN.

6. BOARD MEMBER, DR. PAUL CRAIG: ~ IN TERMS OF A PREDICATIVE 'LEADING QUESTION': ~

(A) ~ WHICH BEGAN FIRST AND WHICH WILL END FIRST: ~

(1).. UNIVERSAL SPACE TIME? .. OR:

(2).. TERRESTRIAL GEOLOGIC TIME? .. AND, IN SEQUE: ~

(B).. WHAT'S THE TOTAL ENDURING TERM OF THE CUMULATIVE SUM OF RADIOACTIVE HALF-LIVES OF THE LONGEST-LIVED RADIONUCLIDES WHICH INEVITABLY WILL BE MOBILIZED AND RELEASED FROM AN UNDERGROUND REPOSITORY FOR THE STORAGE OF HIGH LEVEL NUCLEAR WASTE, AND THEREAS TRANSPORTED INTO AND THROUGHOUT THE HUMAN-ACCESSIBLE ENVIRONMENT? ..

(DR. CRAIG'S RESPONSES ( 6.(A) ___ / 6.(B) ___ ) ~ THANK YOU, DR. CRAIG.

7. BOARD MEMBER, DR. ALBERTO SAGÜES: ~

(A).. OF THE FOLLOWING TWO (2) PHYSICAL MEDIA, .. WHICH HAS THE GREATER DEGREE OF INTRINSIC HOMOGENEITY AND ENDURING TENSILE INTEGRITY: ~

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(1) A NATURAL 'HOST-ROCK MATRIX' CONTIGUOUSLY ENCOMPASSING AN UNDERGROUND REPOSITORY DRIFT?, -OR:~

(2) .. A CYLINDRICAL CONCRETE REPOSITORY DRIFT OUTER LINING, CONTIGUOUSLY ENCOMPASSED BY A NATURAL 'HOST-ROCK MATRIX'?..

-- AND, DR. SAGÜES, -- IF YOUR ANSWER IS: "CONCRETE";--

(B)-- WHY HAVEN'T YOU OBJECTED TO THE ABSENCE OF CYLINDRICAL CONCRETE REPOSITORY DRIFTS OUTER LININGS, FROM THE CONCEPTUAL DESIGN FOR AN UNDERGROUND REPOSITORY, --AND ON THE PUBLIC RECORD? ..

(DR. SAGÜES RESPONSES 7.(A)(1.)____ (2.)____ 7.(B)____ ) ~ THANK YOU, DR. SAGÜES.

8.- BOARD MEMBER, DR. DANIEL BULLEN: ~

(A).. DO YOU CONCUR WITH THE PRECEDING ANSWERS PROVIDED BY YOUR COLLEAGUE BOARD MEMBERS, RESPECTIVELY AND EN TOTO? -- AND: ~

(B) IF 'NOT', .. 'WHY NOT'? ~ AND, DR. BULLEN: ~

(C).. WHICH PERSON(S) INCORRECTLY TRANSCRIBED THE PUBLIC COMMENT I SUBMITTED DURING THE JOINT PANELS MEETING IN JUNE? ~ AND: ~

(D).. 'WHO' ARE THOSE TRANSCRIBERS EMPLOYED AND PAID BY? ~

(DR. BULLEN'S RESPONSES ~ 8. (A)____ (B)____ (C)____ (D)____ ) ~ THANK YOU, DR. BULLEN.

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*THE FOLLOWING COMPOUND QUESTION IS DIRECTED TO THE BOARD, THE DOE AND THE NRC, COMBINED AND AT-LARGE:~

9.~ (A)- IS EXCESSIVE DOSAGE EXPOSURE TO TOXIC RADIONUCLIDES DEADLY IMPACTIVE UPON ORGANIC LIFE FORMS? ____

(B).. ARE "YOU" THE ONCE-PREVIOUSLY DEEMED ENSUING AS 'SCIENTIFICALLY AND TECHNOLOGICALLY ADVANCED, SOPHISTICATED FUTURE GENERATION(S)' CAPABLE OF ADDRESSING AND RESOLVING THE IMPACTIVE CONSEQUENCES OF HIGH LEVEL NUCLEAR WASTE UPON HUMAN AND ALL OTHER SPECIES OF ORGANIC LIFE, AND THE NATURAL ENVIRONMENT REQUISITE TO SUSTAIN LIFE? ____

(C).. DOES FUNDAMENTAL HUMAN NATURE EVOLVE INTERGENERATIONALLY IN LINEAR ADVANCE TOWARD EXHIBIT OF SUCCESSIVELY HIGHER STANDARDS OF ETHICAL AND MORAL CONDUCT IN THE GENUINE BEST PUBLIC INTEREST? ____, AND:~

(1).. IF 'NOT',.. WHAT FACTUAL OR OTHER REASONING BASIS IS SUPPORTIVE OF YOUR ASSUMPTION THAT A 'SCIENTIFICALLY AND TECHNOLOGICALLY ADVANCED, SOPHISTICATED FUTURE GENERATION' INEVITABLY WILL BE ABLE TO, AND ACTUALLY WILL ADDRESS AND RESOLVE THE ISSUE OF TOXIC RADIONUCLIDES ENSUING FROM AN UNDERGROUND REPOSITORY FOR THE STORAGE OF HIGH LEVEL NUCLEAR WASTE, AND THEREAS IMPACTIVE UPON HUMAN AND ALL OTHER SPECIES OF ORGANIC LIFE, AND THE NATURAL ENVIRONMENT REQUISITE TO SUSTAIN LIFE? ____ AND:~

(D).. IS THE FOLLOWING OF AN IMMORAL ORDER, AND/OR THE FACT OF 'SEPERATION BY TIME AND DISTANCE' FROM THE IMPACTIVE CONSEQUENCES OF HAVING FOLLOWED AN IMMORAL ORDER, A COMPETENT LEGAL DEFENSE FOR THE ENSURED ENSUING CRIME OF MASS GENOCIDE ON A HISTORICALLY UNPRECEDENTED, HUMAN AND UNIVERSAL SCALE, INTERGENERATIONALLY, AND FOR THE REST OF GEOLOGIC TIME? _

(THE GENERIC "YOU" RESPONSES 9. (A) ____ (B) ____ (C) (C) (1.) ____ (D) ____ ) ~ THANK YOU.

10.~ DR. ABE VAN LUIK, of DOE/OCRWM/YMPO: ~

(A) SPECIFICALLY, -- WHERE IS THE GREATER VOLUME OF THE TERRESTRIAL GEOPHYSICAL ENVIRONMENT AND SPECIES OF ORGANIC LIFE LOCATED RELATIVE TO THE PLANAL HORIZON OF THE SURFACE OF THE EARTH? ____

AND: ~

(B).. DOES THE UNDERGROUND STORAGE OF HIGH LEVEL NUCLEAR WASTE ENSURE THE 'REMOVAL' OF TOXIC RADIONUCLIDES FROM THE HUMAN-ACCESSIBLE ENVIRONMENT? -- OR DOES IT MORESO DIRECTLY INJECT RADIONUCLIDES IRRETRIEVABLY INTO AND THROUGHOUT THE HUMAN-ACCESSIBLE ENVIRONMENT? _ AND: ~

(C).. IS THE HOWEVER 'EXHAUSTIVE' SCIENTIFIC AND TECHNOLOGICAL STUDY OF A LIMITED FINITE MICROCOSM PERTINENT TO THE UNDERGROUND REPOSITORY STORAGE OF HIGH LEVEL NUCLEAR WASTE INDICATIVE OF THE ENTIRETY OF COSMIC AND GEOPHYSICAL PHENOMENA IMPACTIVE UPON AN UNDERGROUND REPOSITORY OVER THE GEOLOGIC TIME-SCALED CONTINUUM, AND WITHIN

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THE VASTLY GREATER UNIVERSAL SPACETIME CONTINUUM? —

(DR. VAN LUIK'S RESPONSES.. 10. (A.)____ (B.)____ (C.)____) ~ THANK YOU, DR. VAN LUIK.

• MR. CHAIRMAN, -- IN DEFERENCE TO TIME CONSTRAINTS, AND WITH YOUR KIND INDULGENCE, -- WITHIN THE COMING WEEKS, I'LL SUBMIT A WRITTEN TEXT OF APPROXIMATELY ONE HUNDRED (100) QUESTIONS VARIABLY DIRECTED TO OFFICIAL RESPONDENTS AS HEREINABOVE FIRST REFERENCED, AND I REQUEST THAT EACH AND ALL OF THE QUESTIONS AND RESPONSES BE DATED AND TIME-STAMPED AS RECEIVED BY THE BOARD, AND THEREAS BE INCLUDED IN THE PUBLIC RECORD OF THE BOARD'S MEETING MINUTES, PROCEEDINGS AND REPORTS TO THE CONGRESS AND PRESIDENT OF THE UNITED STATES, ET AL., INCLUSIVELY AND IN PERPETUITY.

THANK YOU. / ~

• N.B. TO THE TRANSCRIBERS: ~ THE ENTIRETY OF HEREIN PERTINENT (ADDITIONAL) EXTEMPORANEOUS PUBLIC COMMENT WAS NOT PREPARED AND WRITTEN IN ADVANCE, ~ HENCE NECESSARILY MUST RELY ON THE DILIGENT AND DEDICATED EFFORTS OF PROFESSIONALLY QUALIFIED TRANSCRIBERS TO ACCURATELY RETRIEVE AND/OR REASONABLY EXTRAPOLATE THE ENTIRETY OF SAID EXTEMPORANEOUS PUBLIC COMMENT WHICH APPEARS ON THE AUDIO RECORDING, PURSUANT TO HEREBY REQUESTED INCLUSION IN THE OFFICIAL PUBLIC RECORD OF THE MINUTES AND PROCEEDINGS OF THE OPEN PUBLIC MEETING(S) OF THE NWTRB.

TOM McGOWAN