UNITED STATES
NUCLEAR WASTE TECHNICAL REVIEW BOARD
2300 Clarendon Boulevard, Suite 1300
Arlington, VA 22201-3367

QUESTIONS:

1. WHY ARE THE PRESENTATIONS 'CURSORY' AND 'GENERALIZED', RATHER THAN INCISIVELY DETAILED?

2. TO WHAT EXTENT DOES YOUR SSPA WORK PRODUCT DEVELOPMENT PROCESS REFLECT REAL-TIME, COHERENT, OMNI-INTERCOMMUNICATIONS TO ENSURE COMPREHENSIVE INTEGRALIZATION FRONTALLY, PARALLELY AND CONTINUOUSLY? -- AND, -- IF LESS THAN SUBSTANTIALLY SO, -- WHY? -- AND HOW WOULD ANY SUCH DEFICIENCY INSTILL A SENSE OF CONFIDENCE IN, e.g., EVOLVING DESIGN FLEXIBILITY? (1)

3. HOW WOULD YOU 'GUARANTEE' THE ABSENCE OF IN-SITU HUMIDITY PRE-EXISTING W/IN THE CONTAINERIZED WASTE EMPLACEMENT PACKAGES? (2)

TM.

Telephone: 703-235-4473 Fax: 703-235-4495

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QUESTIONS:

(3)

(1) HOW DO YOU PRODUCE A 3-DIMENSIONAL MAP OF A 4-DIMENSIONAL UNDERGROUND HOST ROCK MATRIX?

(4)

(2) IS THE HOST ROCK MATRIX AT YUCCA MOUNTAIN HOMOGENEOUS, AND INVARIABLY SO, IN ALL PERTINENT PROPERTIES AND POTENTIALLY EXHIBITED PHENOMENA? .. AND:

(A) HOW WOULD YOU KNOW THAT?

(5)

(3) WILL THE THERMAL ENERGY-IMPACTED HOST ROCK MATRIX EXPAND AND/OR DEFORM? .. IF SO, .. TO WHAT EXTENT, WHEN, AND SUB-SITE-SPECIFICALLY WHERE? ..

AND:

(A) HOW WOULD YOU KNOW THAT?

CM

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Why are you using a 20 km arc ~~to~~ to the east & west of the 18 km boundary when the EPA standard specifies 5 km east, west, & north of the repository footprint?

What causes a weld to fail if it is improperly heat treated? Your data seems to conclude that it can't be stress corrosion cracking. How do you model a failed weld?

TM / TRB JOINT PANELS MTG / 8A THURS. 21 JUNE, '01 (CROWNE PLAZA, LAS)

PUBLIC COMMENT

- TOM MCGOWAN. LAS VEGAS RESIDENT.

- THIS 1½ DAYS MEETING OF THE JOINT PANELS OF THE TRB SEQUENTIALLY CHAIRED BY DRS. BULLEN, SAGUES AND CHRISTIANSEN EASILY RANKS AMONG THE BEST CONDUCTED AND MOST PROBING AND ELUCIDATIVE MEETINGS SINCE THE INCEPTION OF THE TRB.

- NOT TO BE DENIED, -- THE EMINENT ROSTER OF DOE/OCRWM/YMPO REPRESENTATIVES, M+O CONTRACTORS AND EXPERT ELICITATORS FROM THE NATIONAL SCIENTIFIC LABORATORIES EXHIBITED AN UNPRECEDENTED DEGREE OF COGENT ARTICULATION AND TIMELY RESPONSIVENESS TO INCISIVE QUERY UNDER STRESSFUL CONDITIONS AND WITH RELATIVE EASE; -- EXCEPT FOR ONE (1) ANOMALOUS DEPARTURE FROM THE 'NORM OF SELF-CONFIDENT EXCELLENCE', -- (WHO SHALL REMAIN UNIDENTIFIED, WHILE YOU 'COPE' WITH THAT 'MYSTERY' FOR ONE (1) OR MORE SLEEPLESS NIGHTS, -- FORTIFIED BY THE REALIZATION THAT 'HUMAN' MEANS: 'IMPERFECT', HENCE, NOBODY'S 'PERFECT', -- EXCEPT 'ME', OF COURSE, -- WHICH PROVES MY POINT!) --

-- AND GIVES RISE TO THE COROLLARY FACT THAT THERE'S NO SUCH THING AS: 'ALMOST PREGNANT', 'ALMOST PERFECT', OR AN 'ALMOST 'GUARANTEED' SAFE, SECURE AND HUMAN INTRUSION-IMPERVIOUS UNDERGROUND REPOSITORY FOR THE 'PERMANENT' STORAGE OF HIGH LEVEL NUCLEAR WASTE' (!), -- WHICH LATTER FANTASM IS THE MORESO DISCONCERTING AND HUMAN-REPUGNANT IN VIEW OF ITS INEVITABLE CONSEQUENCES, SINCE 'PERMANENT' MEANS: 'IMMOBILIZED IN PLACE, ESSENTIALLY FOREVER (!)', -- WHICH IS NOT, CAN NOT AND WILL NEVER BE THE CASE!

THE 1940'S CLASSIC MOTION PICTURE ENTITLED: "THE OX-BOW INCIDENT", STARRING HENRY FONDA, WAS BASED ON A HISTORIC EVENT WHICH TOOK PLACE RIGHT HERE IN THE 'BATTLE-BORN' PIONEER STATE OF NEVADA, AND TOLD OF AN ITINERANT RANCH HAND WHO ARRIVED AT A SMALL TOWN JUST AS A 'LYNCH-MOB' WAS ABOUT TO EXECUTE THREE(3) MEN WHO WERE FALSELY ACCUSED OF THEFT, RAPE AND MURDER.

WHEN FONDA, WHO PLAYED THE 'STRANGER IN TOWN', VOICED OBJECTION TO THE INJUSTICE TAKING PLACE, THE LEADER OF THE LYNCH-MOB GRUFFLY TOLD HIM TO 'MIND HIS OWN BUSINESS!', -- WHEREUPON FONDA REPLIED:

"HANGING'S THE 'BUSINESS' OF ANY MAN WHO'S AROUND!"

AS IT OCCURS, -- SO IS 'THIS' (!), -- WHETHER YOU'RE WILLING TO ACCEPT THE FACT, OR NOT!

WHICH EXPLAINS WHY I'M HERE, IN AN ADVERSARIAL ROLE. BUT THE MORE IMPORTANT QUESTION IS: .. "WHY ARE YOU HERE? .. WHAT IS IT YOU DO HERE, EXACTLY? -- AND ON WHAT 'JUSTIFIABLE' REASONING BASIS!?

NOTWITHSTANDING THE DESERVED ACCLAIM EXPRESSED AT THE BEGINNING OF MY PUBLIC COMMENT, -- IT'S ABUNDANTLY EVIDENT THAT, .. WHETHER INTENTIONALLY OR INADVERTANTLY, -- YOU'VE 'MISSED THE POINT' COMPLETELY, -- BOTH ON SCIENTIFIC AND TECHNOLOGICAL GROUNDS, AND IN TERMS OF RESPONSIBLE COMPLIANCE WITH THE HIGHER MORAL IMPERATIVE!

FOR EXAMPLE: -- YOUR EXQUISITELY DETAILED ADDRESS OF UNDERGROUND GEO-PHYSICAL PROPERTIES, PHENOMENA AND SUB-MOLECULAR MINUTIA PERTINENT TO THE 'SSPA' AND SUPPORTIVE OF 'DEFENSE-IN-DEPTH' FAILS TO DISCLOSE THE AXIOMATIC FACTS THAT: --

(A) it's IMPOSSIBLE to 'ASSESS' A 'THREE (3) DIMENSIONAL ITERATION OF A FOUR (4)-DIMENSIONAL UNIVERSAL SPACETIME CONTINUUM, OR ANY SUB-LOCALLY SPECIFIC SITE AND/OR LIMITED FINITE INCREMENTAL SEGMENT OF IT!

(B) NON-RADIOACTIVE 'MUMMYS', ARCHAEOLOGIC ARTIFACTS, NATURAL CAVERNS AND EXCAVATED TUNNELS ARE IRRELEVANT TO THE SUBJECT TOPIC OF STUDY, HENCE INCONCLUSIVE AND INAPPLICABLE AS 'INDEPENDENT LINES OF EVIDENCE', SINCE THEY DO NOT CONTAIN A RADIOACTIVE SOURCE FOR THE PROPAGATION OF THERMAL ENERGY IMPACTIVE UPON THE SURROUNDING ROCK MATRIX OVER A SUBSTANTIALLY ENDURING TERM!

AND:

(C) it's RUDIMENTARY THAT ANY THERMALLY-IMPACTED, NON-HOMOGENEOUS UNDERGROUND HOST ROCK MATRIX, -- SECURELY CONFINED WITHIN A COOLER, HENCE RIGID, INTERMEDIATE AND FAR-FIELD ROCK MATRIX OF VASTLY GREATER REGIONAL AREA, MASS AND TENSILE INTEGRITY, -- CAN ONLY EXPAND WITHIN AND UPON ITSELF AND ANY FRACTURE, FISSURE OR OTHER DISCONTINUITY OR VOID WITHIN IT, -- INCLUDING A CONTIGUOUSLY ENCOMPASSED CYLINDRICAL REPOSITORY DRIFT (!), -- AND THEREAS IS READILY POTENTIALLED TO ATTAIN TO A METASTATIC STATE OF INSTABILITY WHEREIN THE SLIGHTEST IMBALANCE IMPETUS CAN AND WILL 'TRIGGER' THE UNDERGROUND AUTOCATALYTIC SPONTANEOUS EXPLOSIVE

'SHATTERING' AND 'DISINTEGRATION' of ITSELF, AND EVERYTHING IN IT!!

CONSEQUENTLY, -- AN UNDERGROUND REPOSITORY for HIGH LEVEL NUCLEAR WASTE IS ANALAGOUS TO THE EMPLACEMENT OF A THIN-SHELLED OR UN-SHELLED 'SOFT-BOILED EGG' WITHIN THE OMNI-RADIALLY CONTIGUOUSLY ENCOMPASSING JAWS OF A 'HYDRAULIC PRESS' ATTAINED TO A METASTATIC STATE OF PROMPT EXPLOSIVE SELF-DESTRUCTION, DEFORMATION AND PULVERIZATION, IN PERMEATIVE UBIQUITY!!

.. WHICH PROVES THAT THE 'FASTEST PATHWAY' IS THE ONE BETWEEN THE EARS! (AND IT'S ALSO THE 'DENSEST SINGULARITY'!)

BUT, WHY 'QUIBBLE', WHEN 'TIME IS OF THE ESSENCE'!? -- "DECIDE IN HASTE; REPENT AT LEISURE!" -- AND, -- RATHER THAN REMAIN SILENT AND BE THOUGHT 'IGNORANT', -- PROVIDE EXHAUSTIVELY DETAILED ORAL PRESENTATIONS COMPLETE WITH CHARTS, GRAPHS, TEXTS AND GESTICULATIONS, AND REMOVE ALL REMAINING DOUBT!!

IN THE IMMORTAL WORDS OF 'POGO THE POSSUM', BEYOND REASONABLE REFUTE OR CONJECTURE: --

"WE HAS MET THE 'ENEMY', AND IT IS 'US'!"

AND IT'S TIME WE UNDERSTAND AND ACCEPT THAT FACT (!), IN THE SPIRIT OF HUMILITY, AND IN THE GENUINE BEST PUBLIC INTEREST. AS WELL AS THE PREDICATIVE FACT THAT: 'HUMAN' INDEED IS 'IMPERFECT', -- AS IS SUBLIMELY EVIDENT THROUGHOUT THE ENTIRETY OF THESE INTERMINABLY PROTRACTED 'MEETINGS AND PROCEEDINGS' PERTINENT TO THE OXYMORONIC INSTANT MATTER!

THE MORESO IRONIC AND INCONGRUOUS THAT, ESTEEMED NAMES INDICATIVE OF ATTAINMENT TO HIGH ACHIEVEMENT, SUCH AS:-- 'BULLEN, PARIZEK, SAGUES, WONG, CHRISTIANSEN, COHEN, NELSON, CRAIG' AND SO MANY OTHERS UNIQUELY AVAILED OF SUPERIOR CONVERSANCE AND ACUITY OF PERCEPTION,--HOWEVER CIRCUMSTANTIALLY BUT INEXTRICABLY MANDATED TO PROVIDE YOUR FULLY-INFORMED ADVISORY RECOMMENDATION TO THE CONGRESS AND PRESIDENT OF THE UNITED STATES;--(ERGO, IN CONTEXT AS THE 'EMULATIVE MODEL' FOR, [redacted], HENCE THEREAS PRESO TO ALL EXTANT AND ENSUING AS NUCLEAR-WASTE-PERTINENT NATIONS OF THE WORLD)-- ARE NOW POISED TO EITHER ASSUME YOUR RIGHTFUL PLACE AMONG THE TRULY GREAT MORAL LEADERSHIP OF OUR TIME,--OR ALTERNATELY,-- TO BE RELEGATED TO THE IGNOMINIOUS 'SCRAP-HEAP' OF HUMAN HISTORY AS HAVING FAILED UTTERLY, YOURSELVES, EACH OTHER AND ALL POSTERITY!

IN WHICH LATTER INSTANCE, IT'S IRREFUTABLE THAT,--WHETHER WITTINGLY OR UNWITTINGLY,-- THE OFFICIAL GENERIC "YOU", INCLUSIVELY, ARE ENGAGED IN A CONSPIRACY TO COMMIT MASS GENOCIDE ON A HISTORICALLY UNPRECEDENTED HUMAN AND UNIVERSAL SCALE, INTERGENERATIONALLY, AND IN PERPETUITY,--BY THE UNDERGROUND EMPLACEMENT OF TOXIC RADIONUCLIDES INEVITABLY ENSURED DEADLY IMPACTIVE UPON HUMAN AND ALL OTHER SPECIES OF ORGANIC LIFE, AS WELL AS THE NATURAL ENVIRONMENT REQUISITE TO SUSTAIN LIFE, AND THEREAS POTENTIALLED AS CAUSAL OF THE EXTINCTION OF HUMAN CONSCIOUSNESS ITSELF!

IN RELEVANT SIDENOTE:

ADOLPH EICHMANN NEVER 'PERSONALLY' FORCED ANYONE INTO A HEINOUS GAS CHAMBER OR AN OVEN. HE SIMPLY 'FOLLOWED ORDERS' AND SIGNED THE DIRECTIVE FOR SUBORDINATES TO 'SUBSEQUENTLY' CARRY OUT THE 'FINAL SOLUTION' AT 'REMOTE LOCALES' SUCH AS AUSHWITZ, DACHAU AND BELSEN-BERGEN. ..BUT FOLLOWING THE END OF WORLD WAR II, ..THE INTERNATIONAL TRIBUNAL AT NUREMBERG RULED THAT THE 'FOLLOWING' OF AN IMMORAL ORDER, AND THE MERE FACT OF 'SEPERATION BY TIME AND DISTANCE' FROM ITS ULTIMATE CONSEQUENCE WAS NOT A COMPETENT LEGAL DEFENSE FOR THE CRIME OF MASS GENOCIDE OF THE MILLIONS OF INNOCENT, UNSUSPECTING AND DEFENSELESS MEN, WOMEN AND CHILDREN IN THE DEATH-CAMPS OF NAZI GERMANY!

AND THE ONLY 'DIFFERENCE' BETWEEN EICHMANN AND THE OFFICIAL GENERIC "YOU" IS THAT, .. WHILE HIS ACTIVITIES WERE OF LIMITED SCOPE, IN TERMS OF GEOGRAPHIC AREA, FINITE TERM AND SELECTIVELY DEMOGRAPHIC VICTIMIZATION, .. THE HOWEVER 'TEMPORARILY DELAYED', BUT INEVITABLE IMPACTIVE CONSEQUENCES OF YOUR OFFICIAL ACTS, OMISSIONS AND ADVISORY RECOMMENDATIONS ARE OF HISTORICALLY UNPRECEDENTED HUMAN AND UNIVERSAL SCALE, ENDURING INTERGENERATIONALLY AND IN PERPETUITY, FOR THE REST OF GEOLOGIC TIME!!

BUT THERE IS A 'WINDOW OF OPPORTUNITY' FOR YOU TO EXHIBIT THE MORAL INTEGRITY AND INTESTINAL FORTITUDE TO TAKE AT LEAST ONE(1) HOWEVER TIMOROUS AND FALTERING 'STEP-DOWN FROM THE PRIMORDIAL TREE' AND,.. TOGETHER, IN GENUINE COMMUNITY,.. STRIDE CONFIDENTLY ACROSS THE NON-RETURNABLE THRESHOLD THAT OPENS ONTO THE BRILLIANT HORIZON OF CHALLENGES AND OPPORTUNITIES FOR EXTRAORDINARY HUMAN ACHIEVEMENT WHICH AWAITS, AND BECKONS, THROUGHOUT THE THIRD MILLENIUM AND BEYOND.

IN ALL SINCERITY,.. I'M CONFIDENT YOU WILL CHOOSE THAT POSITIVE COURSE TOWARD A SAFE AND SANE FUTURE FOR ALL MANKIND, IN SIGHT OF ALMIGHTY GOD.

AND, GOD WILLING,.. I HOPE TO SEE EACH AND ALL OF YOU THERE.

THANK YOU. /~