

Appendix B

Public Comment 1 – Wesley Crawford

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~~SSA~~  
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Gentlemen and Ladies of the Committee and attendees my name is Wesley Crawford

I am a honorably discharged veteran who served from 1987 to 1993.

I served in both Desert Shield and Desert Storm. My symptoms from the illness I have are remarkably the same as the veterans you claim that have Desert Storm Illness. At one time or another I have the following symptoms:

Rash on chest ( constant)

Sleeping problems (constant)

Chronic pain from physical activity

Gall stones

Chronic headaches (recently involving mostly the back half of the head but from time to time including the sides and sometimes even the front of the head). Before this illness manifested I used to get migraines once every six months or so. Currently, at present, I have had one migraine in the past 3 years.

I was diagnosed with G6PD upon entering the Navy in boot camp. (see enclosure 1)

My earliest appearing symptoms was the one documented as occurring in 1990 (see enclosure2) In 1996 I had lymph node in neck swell up to the size of golf ball, hugely deformed. I was informed it was cat scratch by the V.A. I was treated with antibiotics and informed that all biopsies came back negative.(see enclosure 3). A quick side note: In all my years on the internet searching for vets with G6PD, like me, I have only found one. He was in the desert and oddly enough had his lymph node in leg swell in a short time after my neck lymph node and he was told by VA it was cat scratch as well.

Approximately 3 years ago I began having tingling in my arms and legs and radical problems sleeping. The tingling progressed to pain and soon spread to other parts of my body. Since then any physical activity or extended exertion results in pain of increasing intensity. I have learned to regulate my activities accordingly (Attending a chronic pain clinic offered by the VA helped me cope with my new limitations.) My activity level is that of an old man approximately double my age. In addition in 1997 a small break in my hand with no nerve damage resulted in development of what was then termed RSD, affecting my hand. This resulted in loss of right hand flexibility, strength, and range of motion, as well as permanent disfigurement.

Possible exposures causes include :

- 1.Vaccines (mostly likely cause now based on evidence I just recently received)
- 2.Possible exposure at one point to sarin. ( Exposure would have been minute and highly unlikely but can not be ruled out). I am not allowed to disclose any more on this subject although obtaining my ships log records and coordinating them with other records might help determine possible sarin exposure, however it would not have been either of the 2 mentioned and approved sites for sarin exposure. I highly doubt any likely hood of sarin exposure after obtaining copies of my military medical records recently.
- 3.Diesel engine fumes exposure.
4. Additionally, suffered head injury in Navy sporting event that could possibly be contributing to my symptoms

Request/Recommendations:

1. If possible I would like to be examined by any researchers doing research into the vaccine or sarin exposure categories. I realize that a database exists for research and that names are supposedly picked at random, however I cannot wait around for years to never be called for research.
2. I would like to formally request that this research board consider removing the lymph node in my left neck for examination and full and total biopsy by a independent research unit operating from a university rather than a VA hospital.
3. I request that more information about the numbers of troops claiming illness be further separated by branch of military service and the numbers in each branch. With also the numbers further delineated by amount of claims approved and denied for each branch of the military. I request that this information be posted readily on one or all of the desert storm Illness websites operated by the government. If this information is already posted then I simply ask where to find it. The only information I have seen to date shows only the total of all branches combined, not broken down into said categories.
4. I request that you consider asking the DOD to publish the numbers of each branch of veterans that are called for research testing and treatments. As I understand the names for examination for research projects

are pulled totally at random. I am sure that many veterans would be interested in seeing the number of Navy , Army, Marines, Air force and individual reserve units called for research and or testing. I am only asking that numbers be given to each branch and be made readily available to all vets who access the internet. I would also like to see how many of those veterans in each category decline testing or accept research testing.

5. I request that consideration be given to research into results of anthrax vaccine affects on people with blood enzyme disorders. The reason I base my presumption on anthrax vaccine is that G6PD was tested for by Navy as it can result in fatalities or comas if anti malaria drugs are administered. It is possible that newer vaccines such as anthrax can also have lasting effects on people with G6PD. I do not believe I was administered PB but research combing the 2 in people with blood enzyme deficiencies might be needed as well.

6. Considering most the veterans, like myself, have chronic fatigue and or chronic pain it would be nice if your website would allows signs up or contact phone number for contacting someone to reserve speaking time. I called Monday and was bounced around so much on calling in that I finally got tired of the lack of knowledge about this meeting and hung up on the people being rude to me. This was out 5 attempts to reach someone to reserve speaking time.

7. Last but by no means least I would like to formally request that an MRS of my head be administered to me to be compared with other veterans that are confirmed as having this illness. According to the VA my last MRI was normal. If evidence from the MRS suggests anything I request that a new independent MRI be given as well. Again I understand this board adheres to required random testing, however if you lived with this constant pain, sleeping problems, skin problems and more with no definitive answers I am sure you would make any attempt as well to ascertain what is causing your illness.

Closing remarks:

There are Navy veterans as well as other veterans that have this illness that are continuing to be told that they cannot possibly have this illness even with documentation and proof. This illness is not limited to just the veterans that were in the desert during operation Desert Shield/Desert Storm.

Any researchers wishing to contact me can find my name in the Gulf War Illness registry maintained by the DOD.

Last but not least I would like to thank all the people in the VA, independent researchers, and members of this committee that are working hard to help the veterans with this illness. Even though their peers to this day still cling to the old PTSD theory or that only the members of the military in the desert could possibly have this medical illness.

Thank you for your time ladies and gentlemen.

## Public Comment 2 – Kirt Love

### **Modeling and Risk Characterization of US Demolition Operations at the Khamisiyah Pit – Veteran interpretation of the data**

OSAGWI / CIA were asked to provide a exposure model related to the March 1991 Khamisiyah demolition. That exposed American troops to the bunkers ammunition contents. HE, Chemical, Biological, etc.

In my presentation to the RAC on September 20<sup>th</sup> 2005 I provided a crude PowerPoint of some of my RAW data on the interpretation of this information.

Information consisted of:

- Current Digital Elevation Models of Iraqis terrain features
- DEM of Iraqi irrigation /drainage features of Iraq
- CHPPM Oil Well Fire Plume model image
- CIA imagery of pit smoke scarring
- Soviet Topographical map of direction of airfields surrounding the Pit
- DEM mapped over NASA MODIS satellite images showing Shamal winds
- CIA Mar 11 satellite image of Iraq smoke plumes
- Shifted Bunker demolition plume image over NASA MODIS image
- Three different models of demolition data (OSAGWI, CIA)

My discussion was over the one particular day, March 10<sup>th</sup> 1991.

In the Government model the data shows a plume boundary that is closest to matching weather patterns of this region. But, with a minor twist. The model shows the winds carrying the plume more of a north to south flow, then curling back into Saudi Arabia.

Prevailing winds of Iraq follow the valley terrain under the Iranian mountains to the Persian Gulf. Of ten called the Shamal winds, they blow in a continuous pattern year round.

Soviet Topographical map of this region shows the surrounding air fields are built into the wind for take off. Which is from South East to North West in line with the valley contours of the mountains.

DEM images establish that the terrain curves around the Iranian mountain region toward the Persian Gulf. The DEM irrigation / drainage images show the elevation or Iraq tapers toward the river system in the valley as it flows out the Persian Gulf.

CHPPM modeling data of the Oil Well Fire smoke plumes also support the winds in March 1991 flowing out into the Persian Gulf.

A recent 29 days of sequential NASA MODIS imagery of Iraq shows Shamal wind direction in this region. 26 out of 29 days the winds followed there normal course. 2 days they reversed, and one day was North to South. 89% of the time the winds flowed toward the Persian Gulf from the Khamisiyah Pit location.

CIA imagery of the smoke scarring around the Pit shows a more of a Easterly wind pattern in the lighter parts of the ground shadows.

A March 11<sup>th</sup> 1991 CIA image of Kuwait shows the wind flows in the opposite direction of its CIA A-66 wind direction model for that day. Based on Oil Well fire plume trailing out into Persian Gulf from Kuwait.

To this day Deployment Health Support Directorate has refused to put up detailed Satellite images of Kuwait during March 10<sup>th</sup> through March 13<sup>th</sup> 1991 in its Khamisiyah report. Which with the burning oil wells would show wind patterns for each day in question.

GAO produced a 41 page report GAO-03-833T on this. But, the report failed to produce detailed satellite imagery for those days. They were influenced to put their resources instead into the Lawrence Livermore medic models, which offered equally as vague data in its conclusions.

Visual data contradicts COAMPS prepared by NRL in the Pit modeling.

When you take the DOD modeling image for March 10<sup>th</sup> 1991, and overlay it on the NASA MODIS image for Iraq, then shift to match normal wind directions for this region you see a slight change. The plume now engulfs most of 1<sup>st</sup> and 3<sup>rd</sup> AD, VII Corp, and then flows down in Kuwait City. Which would mean the plume crossed over more than 350,000 to 400,000 troops in this region.

75% of CIA's wind modeling (A-61 to A-72) goes completely against the normal wind patterns in southern Iraq. Only A-62 comes close to following the Shamal wind patterns.

It is my foregone conclusion that DOD deliberately modeled the data to pass between major troop positions to avoid liability. To reduce the number of claims filed, and troops notified to a minimum. Rather than admit the plume possibly covered around 60% of the troops in theater.

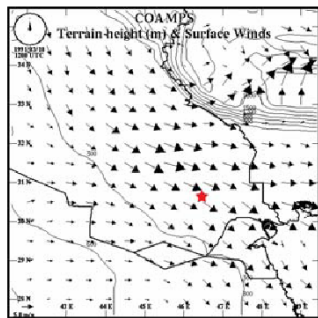
These are only attachment notes to the RAW data shared with the RAC. Final notes and my report will be available in 2006 once I procure the high altitude weather data from the March 1991 demolition in Iraq. Then I can complete my own multi layer vector analysis based on current DEM information on Iraq.

One minor correction from the meeting, I had mislabeled CIA March 11<sup>th</sup> image as March 10<sup>th</sup>. Was in a rush to produce powerpoint. But, in the below attachments you see the CIA satellite image totally contradicts the A-66 CIA wind model for that day.

Thank you for your time.

Sincerely  
Kirt P. Love  
Director, DSBR

COAMPS modeled wind fields, Mar 10, 1991.  
Fig A-62, OSAGWI, Technical Report: Modeling and Risk  
Characterization of US Demolition Operations at the  
Khamisiyah Pit, Apr 16, 2002



OMEGA modeled wind fields, Mar 11, 1991.  
Fig A-66, OSAGWI, Technical Report: Modeling and Risk  
Characterization of US Demolition Operations at the  
Khamisiyah Pit, Apr 16, 2002



Satellite Image of Oil Fire Plumes, Mar 11, 1991.  
Fig 16, CIA, Modeling the Chemical Warfare  
Agent Release at the Khamisiyah Pit, Sep 4, 1997.

