COMMONWEALTH OF PENNSYLVANIA JUDICIAL CONDUCT BOARD Pennsylvania Judicial Center 601 Commonwealth Ave., Suite 3500 P.O. Box 62525 Harrisburg, PA 17120-0901 (717)-234-7911		OFFICIAL USE ONLY Rec'd: _____ JCB No: _____ County: _____

CONFIDENTIAL REQUEST FOR INVESTIGATION

INSTRUCTIONS: Please type or print. If you wish to provide documents to support your allegations, please attach copies of those documents. We cannot return documents. The Board's jurisdiction extends only to Pennsylvania Supreme Court Justices, Superior and Commonwealth Court Judges, Common Pleas Court Judges, Philadelphia Municipal and Traffic Court Judges and Magisterial District Judges. Once completed, you must sign and return this form to the address above.

NOTICE: The Judicial Conduct Board has no authority to change a Judge's decisions or rulings. Our jurisdiction extends only to conduct that violates the Code of Judicial Conduct or the Rules Governing Standards of Conduct of Magisterial District Judges, which may be found at our website at **www.jcbpa.org**.

Your Information:

Name: Franklin D. Shaffer			
Address:			**Telephone:** **(412) 320-0510** **( )**
City:Homeless	**State:**	**Zip:**	

Judicial Officer's Information:

Name: Magistrate of Bethel Park Ronald Arnoni	**Type of Judicial Officer:** ☐ **Magisterial District Judge** ☐ **Judge**
County: Allegheny	

Case Information: (If misconduct allegations relate to Court Proceedings.)	☐ **Case Has Been Appealed**
Case Name:	**Case Docket Number: FD-16-00031**

Your Attorney: Pro Se	Opposing Attorney:	Witness:
Name: Franklin D. Shaffer	**Name: Allegheny County Solicitor Luke C. Kelly**	**Name:**
Address:	**Address:**	**Address:**
Phone:	**Phone:**	**Phone:**

I certify that I have read the information concerning the Judicial Conduct Board's function, jurisdiction, and procedures included in the accompanying brochure. I further swear (or affirm) that the above information is true and accurate. The statements in this complaint are made subject to the penalties of 18 Pa. C.S. § 4904 (relating to unsworn falsification to authorities).

Date: August 6, 2025 **Your Signature:** F. Shäffer

This is supplemental information for the Judicial Conduct Review Board of Pennsylvania. I submit it under penalty of perjury.

It is evidence in support of my statements in my original Confidential Request for Investigation to the JCRB, under penalty of perjury, about the proliferation of nuclear weapons technologies into Pakistan.

I hope this helps with the JCRB's "thorough investigation."

Here's a link to my statement to the public and to federal law enforcement that everything in this report and on my website is true to the best of my knowledge

THE PROLIFERATION OF NUCLEAR WEAPONS TECHNOLOGIES FROM LOS ALAMOS INTO PAKISTAN

AS TOLD TO ME BY MICHAEL CEM GOKAY

Cem Gokay. He built 200 Atomic Vapor Lasers for Los Alamos to enrich uranium for nuclear weapons using the Atomic Vapor Laser Isotope Separation (AVLIS) process

Sid Nebeker of Cordin Scientific Imaging Co. Cordin was founded by engineers who played a crucial role in the development of the world's first nuclear weapon: The Fat Man nuclear bomb

Roger Lawis.
DOE Director of Technology Transfer, a federal employee of the DOE National Nuclear Security Administration, and a manager of the US Nuclear Weapons Stockpile

Most of the information on this page about the proliferation into Pakistan was told to me on October 23, 1993, by Michael Cem Gokay. We were flying to Munich to give seminars at the Headquarters of Laser 2000 GmbH, the largest distributor of laser products in Europe.

Our trip was approved and sponsored by Roger Lewis. At that time, in 1993, Roger was the DOE Director of Technology Transfer. In 1993, the DOE National Nuclear Security Administration (NNSA) did not exist. The NNSA was created by Congress in 2001 as a semi-autonomous part of the DOE. Roger retired in 2016 as a manager of the US nuclear weapons stockpile. He's now a Consultant for Science Applications International Corporation (SAIC).

Our seminars were on high-speed flow visualization using Atomic Vapor Lasers (copper-vapor lasers) built by Cem Gokay and ultra high-speed cameras built by Sid Nebeker.

My presentations were on the application of Atomic Vapor Lasers and high-speed cameras for the visualization of the flow of particles through power plants, and of the flow of blood cells through artificial hearts and lungs using the technology of my US Patent 5,333,044,

Cem was sitting beside me on the flight to Munich. He had a briefcase with him. When the plane's intercom announced that

"We have left the territorial airspace of the United States and are now in international airspace,"

Cem told me what he had in his briefcase: plans from Los Alamos to build nuclear weapons. He asked me if I'd like to see them. Cem told me he'd built two hundred Atomic Vapor Lasers for Los Alamos to enrich uranium to weapons grade levels using the Atomic Vapor Laser Isotope Separation (AVLIS) process. Atomic Vapor Lasers (copper-vapor or gold-vapor lasers) are used to "pump" tunable dye lasers to extract the U-235 isotope of uranium using the AVLIS process.

A photo of me at the Berlin Wall in October 1993. Photo by Sabine Gabriela of Geretsried Germany.

The fissile isotopes of uranium U-235 and plutonium Pu-239 are key component of nuclear weapons. "Fissile" means the isotopes will sustain a chain reaction, i.e., a nuclear explosion.

Cem told me he'd changed our plans because he needed to fly on to Pakistan for a couple days because Pakistan

"wanted to string together two hundred of his Atomic Vapor Lasers like they do at Los Alamos"

The next day, Sunday October 24, 1993, I took a taxi to the US Embassy Consulate in Munich to report what Cem had told me. The Consulate was closed. I had the taxi take me back to the Hotel Königen where I and Cem were staying. I was alone because Cem was in Pakistan.

ROGER LEWIS
A MANAGER OF THE US NUCLEAR WEAPONS STOCKPILE

National Nuclear Security Administration

The seminars were encouraged and approved by Roger Lewis.

Below is my foreign travel request to my Division Director Jim Ekmann. "PETC" stands for the DOE Pittsburgh Energy Technology Center. It is now the Pittsburgh site of the DOE National Energy Technology Laboratory (NETL).

"Roger encourages this activity and has agreed to help get the foreign travel approved"

Date: September 28, 1993

To: Jim Ekmann, RD-20 From: Frank Shaffer,

RD-21

Re: Foreign travel to Germany

Last week, two U.S. companies requested that I give a seminar in Munich, Germany, on October 27, 1993. They would like me to describe flow imaging techniques developed here at PETC. The companies believe that exposure of these new technologies will help them market their products in Europe. The companies are CJ Laser of Dayton, Ohio, and The Cordin Company of Salt Lake City, Utah. CJ Laser has offered to pay my travel expenses.

After talking with Kay Downey, PETCs Technology Transfer Officer, I told the companies to explain their request to Roger Lewis, Director of the Office of Technology Transfer at headquarters. Roger encourages this activity and has agreed to help get the foreign travel approved.

Please inform me of the steps necessary to arrange this travel.

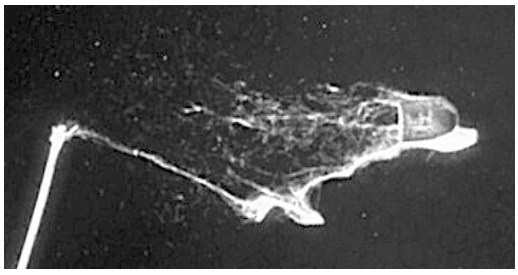
CORDIN SCIENTIFIC IMAGING AND THE MANHATTAN PROJECT

Giving the seminar with us was Sid Nebeker of the Cordin Scientific Imaging Company located in Salt Lake City, Utah. Cordin is a small, family-owned business that makes the world's best quality and fastest high-speed cameras. They specialize in the visualization of ballistics and explosives detonations.

Berlin Brixner and his colleagues (of what would later become the Cordin Scientific Imaging Company) built a high-speed rotating mirror camera (capable of one-million frames per second) that was crucial in the development of the world's first nuclear weapon: "The Fat Man" nuclear bomb produced by The Manhattan Project.

Cordin Scientific Imaging is still in business today in Salt Lake City, Utah. Click here to see information about Cordin's crucial role in the development of The Fat Man nuclear bomb.

Sid Nebeker building the first high-speed rotating mirror camera for the Cordin Scientific Imaging Company, 1959.



Ten nanosecond exposure of a 45 caliber bullet passing through a Q-tip. ©Cordin Co.

Electronic detonation of a hand grenade recorded at 2/3 million frames per second.
Sequence taken by a Cordin Model 126 High Speed Rotating Mirror Camera. ©Cordin Co.

Our seminars were held at the HQ of Laser 2000 GmbH in Munich. Laser GmbH 2000 is the largest distributor of laser equipment in Europe. They are still in business today. Click here to see Laser 2000's website.

LASER 2000

Below is the Trip Report I submitted to the DOE after I returned to the US.

Frank Shaffer, an engineer from the USDOE's Pittsburgh Energy Technology Center, recently taught a seminar on laser based flow imaging in Munich, Germany. The seminar was held on October 27 and 28 with preparation meeting the previous four days (October 23-26). The seminar was held at the headquarters training facilities of Laser 2000 GmbH, the largest distributor of laser equipment in Europe.

The main purpose of the seminar was to educate engineers and scientists in Europe on new flow imaging technologies, some of which were developed at PETC. In doing so, two US manufacturers of laser imaging equipment, CJ Laser and Cordin Co., were assisted in introducing their equipment to the European market. CJ Laser is the only US manufacturer of copper-vapor lasers, an essential tool for flow imaging technologies developed at PETC. Presently, CJ Laser has only one competitor making copper vapor lasers, Oxford Laser of Oxford, England. CJ Laser is now at a direct disadvantage because Oxford Laser has acquired flow imaging technologies from the British government's Harwell Laboratory, a part of the Atomic Energy Agency.

Seventeen scientists and engineers attended the seminar. The organizations represented include the Fraunhofer Institute, BMW/Rolls Royce, RWTH Aachen, FhG, Laserzenhum, DLR, Optronix, TU Dresden, Morphosys, M.L. University Halle, and W. Schlafhorst. Several of the organizations were from the former Federal Democratic Republic (East Germany) representing an entirely new market for U.S. technologies.

The seminar gave the opportunity for extensive personal discussions with scientists and engineers working on laser-based flow imaging in Germany. Much was learned of new applications and technology details. This information alone made the trip worthwhile. Correspondences on flow imaging from seminar attendees have already started.

Several of the companies attending the seminar inquired about purchasing flow imaging systems from the DOE. BMW/Rolls Royce expressed an immediate interest in purchasing flow imaging technologies and training. Presently, Oxford Laser is the only source of this technology. Steps are now being taken to help commercialize some of PETC's flow imaging technologies and make them avaizlable to CJ Laser.

The portion of the seminar given by F. Shaffer was rated highly based on seminar evaluation results (see attached letters from CJ Laser and Laser 2000). Because of the success of the seminar, it was requested to repeat the seminar in the Spring of 1994.

During the trip, certain information was conveyed to Frank Shaffer regarding use of copper-vapor lasers for uranium enrichment. It was learned that one of the main applications of copper-vapor lasers is isotope separation for uranium enrichment. Also, that Pakistan had attempted to procure copper-vapor lasers from Laser 2000 that were of the power level used for uranium enrichment.

F. Shaffer

The Atomic Vapor Laser Cem built for me

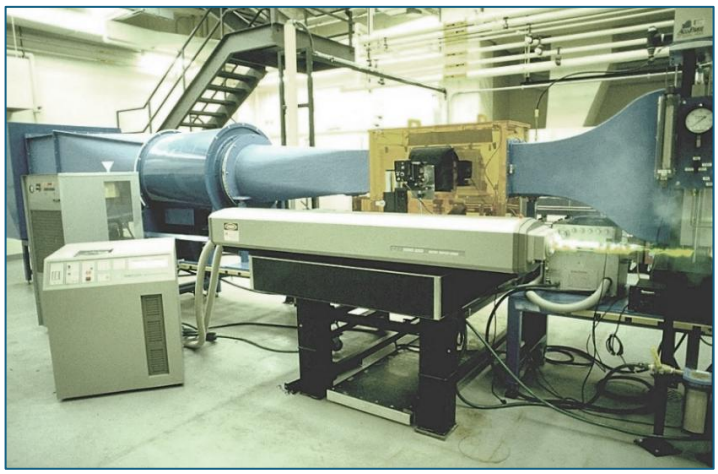
In 1988, I tried to procure an Atomic Vapor Laser (copper-vapor laser) from Cem. But the Assistant Secretary of Fossil Energy Jack Siegel and Chief Financial Officer Miles Greenbaum refused to approve the procurement because it was a nuclear weapons technology.

At that time my father, Dr. Dallas B. Shaffer, was the campaign manager and senior advisor for Attorney Congressman Harley O. Staggers Jr. In 1988, he was on the House Judiciary Committee. In 1977, his father, Congressman Harley O. Staggers Sr and President Carter created and funded the DOE.

I called my father and asked if he could help. A couple weeks later Cem and his staff showed up in two vans with my Atomic Vapor Laser.

It is shown below in my Particle Flow Analysis Laboratory at the Pittsburgh site of what is now the USDOE National Energy Technology Laboratory.

The 511 nm and 578 nm beams of my Atomic Vapor Lasor Laser



The Atomic Vapor Laser Cem built for me in my Particle Flow Analysis Lab

Cem could have been lying to me about flying to Pakistan with plans from Los Alamos for the AVLIS process, but I tend to believe him because:

(1) He had never lied to me before.

(2) On January 21, 2021, I informed the NNSA that hard drives went missing from my house on January 18, 2019, when it was raided by a SWAT team. The NNSA sent FBI Agents to my apartment in Newark Ohio to tell me not to say another word about the proliferation into Pakistan. One of the FBI Agents was Lisa

Brown, Violent Crimes Task Force, Special Investigative Unit.

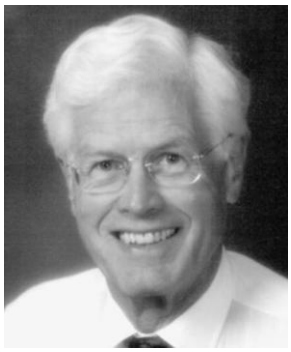
(3) On June 16, 2021, I filed an EEO Complaint against NETL Chief Counsel Susan E. Malie for retaliating against me for my peaceful protests and lawsuits against her when she was the City Solicitor of Pittsburgh. Even though my complaint had nothing to do with anything nuclear (it was entirely within the fossil energy branch of the DOE), the NNSA took over my complaint and sent NNSA EEO Counselors Bonnie Baisden and Orlando Sepulveda to handle it.

On November 16, 2016, Roger was honored with the [NNSA Defense Programs Award for Excellence]

National Nuclear Security Administration

Thank you Cem, Sid, and Roger for your service for our country!

Cem Gokay, CJ Lasers



Sid Nebeker, Cordin Scientific

Roger Lawis, NNSA

ON THE RECKLESS RELEASE OF STATE SECRETS ABOUT THE PROLIFERATION, PROPOSED USE, AND ACTUAL USE OF NUCLEAR WEAPONS BY THE MAGISTRATE OF BETHEL PARK, RONALD ARNONI

I had silently kept these secrets safe since October 23, 1993. On January 21 of 2021, I notified the NNSA that hard drives with state secrets had disappeared from my house at 2786 Tischler Road, Bethel Park, PA, 15102 when a police SWAT team raided my house, without cause, on January 18, 2019.

The SWAT raid was ordered by the Magistrate of Bethel Park Ronald Arnoni. His SWAT team's raid was in retaliation for my work as a civil rights activist in Pittsburgh for thirty years.

Hard drives also disappeared when my RV was stolen from me under color-of-law by Magistrate Arnoni, common pleas Judge Hugh F. McGough (former Solicitor for the Pittsburgh Citizens' Police Review Board), and Allegheny County Solicitor Luke C. Kelly. They stole my RV under color-of-law in retaliation for my work as a civil rights activist in Pittsburgh.

All of the hard drives had labels stating *"Property of US Government."* The hard drives had backups of my DOE files going back to 1988. Some of the documents in the hard drives included other state secrets and other sensitive information.

Magistrate Arnoni's search warrant said the SWAT team needed to check my gas furnace to make sure I was warm. I lived in a solar heated house.

During the SWAT raid, I fled into Amish Country Ohio to escape and try to hide. While I was fleeing, the police searched my entire house, then trashed my house and left the front door wide open. I learned of this when Allegheny County Solicitor Luke C. Kelly blamed me, in Motions he submitted to common pleas Judge Hugh F. McGough, for doing that – but I was not there. I was in my car fleeing into Amish country Ohio.

WHY WAS I CHOSEN TO BE INVOLVED WITH SUCH ACTIVITIES?

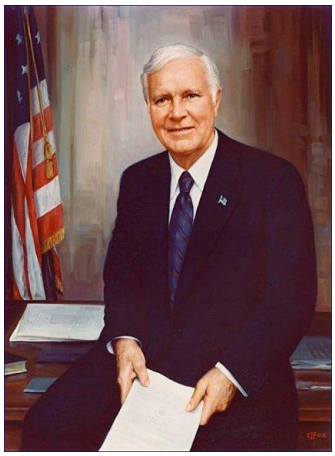
Congressman Harley O. Staggers Sr,
Chair of the House Committee on Energy and Commerce,
my father Reverend Dr. Dallas B. Shaffer,
Chair of the Social Sciences Department of Potomac State College,
and the Atomic Energy Commission

I'm from a small town, Keyser, in WV. My family was close with the family of Harley O. Staggers Sr. He was born in Keyser in 1907, the 9th of 15 children. During WWII, he saw action as a US Navy flight navigator in both the Atlantic and Pacific. After returning home to Keyser, with some help from President Harry Truman, he was elected to the United States Congress in 1948. From 1967 through 1981, Congressman Staggers Sr was the Chair of the House Committee on Energy and Commerce.

President Harry Truman campaigning for Harley O. Staggers Sr in Keyser, 1948

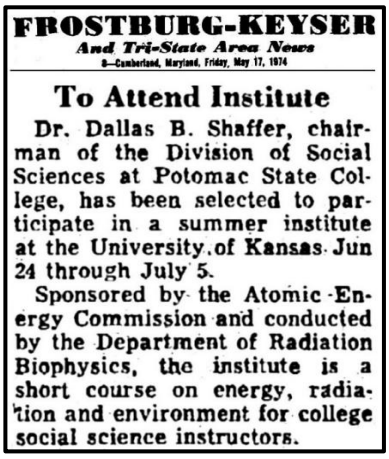
The House Committee on Energy and Commerce was established in 1795. It is the longest standing and arguably the most powerful Committee in our House of Representatives.

In 1967, Congressman Staggers Sr had my father, Dr. Dallas B. Shaffer, hired as Professor of US History and Chair of the Social Sciences Department at Potomac State College in Keyser, WV. Congressman Staggers Sr, as the Chair of the House Committee on Energy and Commerce, was responsible for passing legislation governing atomic energy in the United States.



He was also responsible for funding the development of atomic energy in the United States.

In 1974, Congressman Staggers Sr sent my father to the University of Kansas Department of Radiation Biophysics to learn about atomic energy. Congressman Staggers Sr wanted my father to teach students at Potomac State College about the value of safe atomic energy. My father did so for more than 30 years.



FROSTBURG-KEYSER
And Tri-State Area News
8—Cumberland, Maryland, Friday, May 17, 1974

To Attend Institute

Dr. Dallas B. Shaffer, chairman of the Division of Social Sciences at Potomac State College, has been selected to participate in a summer institute at the University of Kansas Jun 24 through July 5.

Sponsored by the Atomic Energy Commission and conducted by the Department of Radiation Biophysics, the institute is a short course on energy, radiation and environment for college social science instructors.

Some examples of the applications I studied using the technology of my US Patents 5,333,044 and 8,391,552:

- **Visualization and measurement of the flow of blood cells through artificial hearts and lungs using the technology of my US Patent 5,333,044.**
- **Visualization and measurement of the flow of blood cells through high-speed autotransfusion centrifuges.**
- **Visualization and measurement of particle flow through heat-exchanger tube banks of power plants.**
- **Particle Tracking Velocimetry (PTV) in flows of very high particle concentrations using the technology of my US Patent 8,391,552.**
- **Visualization of Lagrangian turbulence. For more info about this, please see my 2021 paper with UC Berkeley *"Visualization of Submerged Turbulent Jets using Particle Tracking Velocimetry"* in the peer reviewed Journal of Visualization.**

Click here to see a list of my peer-reviewed journal publications

The Lagrangian nature of turbulence, as modeled by the Navier-Stokes equation, remains as one of the most important unsolved physics problems. The Clay Institute of Mathmatics offers a $1 million prize to solve it.

I and my colleagues at UC Berkeley were making good progress in solving it, until I was attacked by Arnoni, Malie and McGough.

https://www.claymath.org/millennium/navier-stokes-equation/