

# EXHIBIT 10

18506

EXHIBIT 10

INTERVIEW REPORT  
OF  
RAYMOND POOLE

On October 25, 1995, Lt. Raymond POOLE, Lead Firefighter at the National Institutes of Health (NIH), was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna and NIH Police Detective Jody LUKE. The interview was conducted at POOLE's work station located at NIH. The interview started at approximately 11:22 a.m. and no other persons were present. The interview was conducted to determine POOLE's knowledge of the contamination incident at NIH in which Wenli MA was contaminated with phosphorus-32 (P-32). POOLE provided the following information in response to questions:

He resides at [REDACTED] and he has been employed at NIH since 1985. His telephone number at work is 301-496-2372. His date of birth is [REDACTED] and his Social Security Number is [REDACTED]. He graduated in [REDACTED] from Poolesville High School, Poolesville, MD. His current supervisor is Acting Chief Gary HESS.

POOLE stated that on June 29, 1995, just prior to 5:58 p.m., Sumpter EMBREY, a firefighter under his supervision, received an emergency services telephone call. According to POOLE, after EMBREY hung up the telephone, EMBREY told him that a woman had been injected with P-32. POOLE related that EMBREY definitely said that a woman was contaminated with P-32, and that information was not provided to him by someone else at a later time. He said that EMBREY then responded to the call in an ambulance. He reiterated that he and EMBREY knew the contamination involved P-32 prior to EMBREY's departure from the fire station.

POOLE said that after EMBREY responded to the scene, he received periodic telephone calls from EMBREY regarding the incident. He said that he thinks he called the NIH Radiation Safety Branch seeking assistance for EMBREY at the scene. He provided the "Telephone Request for Emergency Service" document (attached) that he prepared during the incident.

The interview was terminated at approximately 11:35 a.m.


This interview was reported on October 25, 1995.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I

Attachments:  
As Stated

  
Case No. 1-95-033

**TELEPHONE REQUEST FOR EMERGENCY SERVICE**

Date: 6-19-95 Time: 12:28

Incident Number NIH: 694  
 Mont. Cnty. Number: 42143  
 Person Receiving Call: 1111111

**Incident Type:**

Fire \_\_\_\_\_ Mutual Aid Montgomery County \_\_\_\_\_  
 Smoke \_\_\_\_\_ Mutual Aid Navy Medical Center \_\_\_\_\_  
 Odor of Burning \_\_\_\_\_  
 Chemical Odor \_\_\_\_\_  
 Chemical Release ☒ \_\_\_\_\_  
 Biological Spill \_\_\_\_\_  
 Radioactive Materials Spill \_\_\_\_\_  
 Fire Alarm Box Number \_\_\_\_\_  
 Ambulance/Rescue ☒ \_\_\_\_\_

Other \_\_\_\_\_ Description \_\_\_\_\_

**Location of Incident:**

NIH ☒ Building 37 Room/Area 5D18

Other \_\_\_\_\_

Name of Caller: \_\_\_\_\_ Phone: 6-9572

**Requested Assistance:**

| Group      | Response Requested | Follow-up Requested | Person Contacted      | Time         |
|------------|--------------------|---------------------|-----------------------|--------------|
| EMB        | _____              | _____               | _____                 | _____        |
| <u>OMS</u> | _____              | _____               | <u>W. Stansbury</u>   | <u>1830</u>  |
| FPS        | _____              | _____               | _____                 | _____        |
| OSHB       | _____              | _____               | _____                 | _____        |
| <u>RSB</u> | _____              | _____               | <u>SPAWN C. JONES</u> | <u>15:05</u> |
| EPB        | _____              | _____               | _____                 | _____        |
| FERS       | _____              | _____               | _____                 | _____        |
| CC/SO      | _____              | _____               | _____                 | _____        |
| SHOPS      | _____              | _____               | _____                 | _____        |
| MEB        | _____              | _____               | _____                 | _____        |
| GMLB       | _____              | _____               | _____                 | _____        |
| HFC        | _____              | _____               | _____                 | _____        |
| OTHER      | _____              | _____               | _____                 | _____        |

Occupants Notified: Name \_\_\_\_\_ Phone \_\_\_\_\_

Time \_\_\_\_\_ Notified By \_\_\_\_\_

Form Reviewed By: OIC \_\_\_\_\_

Station Officer LT. Paul

# EXHIBIT 11



INTERVIEW REPORT  
OF  
ROBERT A. ZOON

Robert A. ZOON was interviewed by the reporting investigator on November 29, 1995, in ZOON's office located in Building 21 at the National Institutes of Health (NIH), Bethesda, MD. The purpose of the interview was to discuss ZOON's activities on June 29, 1995, the night DR. Wenli MA, an NIH researcher, was found to be internally contaminated with phosphorus-32 (P-32).

ZOON resides at [REDACTED] and his telephone number is [REDACTED]. His Social Security Number is [REDACTED] and he was born in [REDACTED] on [REDACTED]. He has a B.S. degree in Physics, a M.E. degree in Nuclear Engineering, and a M.S. degree in Computer Science. He has been the Chief of the NIH's Radiation Safety Branch, and their Radiation Safety Officer (RSO), since May 1995.

In substance, ZOON provided the following information:

ZOON was provided with a "Statement of Robert A. Zoon, Chief, Radiation Safety Branch and Radiation Safety Officer," dated July 11, 1995 (attached), which he acknowledged as a statement he prepared for NIH documenting his activities on June 29, 1995. At page 1, paragraph 2, ZOON indicates that sometime between 7:30 to 8:00 p.m. on June 29, 1995, Beth REED, NIH Health Physicist, informed him that she had "confirmed" the internal intake of P-32 by MA. He explained that he did not know how REED confirmed MA's intake of P-32 since it was not until about one half hour later that MA's urine was actually tested. The urine sample was prepared for testing by REED and ZOON believes the actual test was performed by Shawn GOOGINS, ZOON's Deputy. Up to this time, REED had used a "probe" to examine MA, and she would not be able tell with any certainty the identity of the nuclide ingested by MA using the probe. In retrospect, ZOON thought it "funny" that someone knew the nuclide was P-32 prior to it being tested.

On the night of June 29, 1995, ZOON discussed the contamination incident with MA's husband, and fellow NIH researcher, Dr. Wenling ZHENG, who discovered MA's contamination while he was surveying their laboratory (lab) using a geiger counter (at p. 2 of ZOON's statement). ZOON commented that he thought it was suspicious that ZHENG would survey the lab even though he had not used radioactive materials that day. ZOON further thought it suspicious that ZHENG would choose to use a probe to monitor for contamination over taking "smears" of the lab. He indicated that since January 1995, ZHENG only used low level beta emitter nuclides in his research (P-33 and sulfur-35), and using smears to detect for low level beta emitter contamination is the technique that is taught in training. However, a probe can "pick up" the presence of such contamination, but it is not an efficient technique. ZOON pointed to the NIH "Radiation Safety in the Laboratory" training text which is provided to each researcher prior to their class attendance. Under "D. SURVEYS" the document states (in part):

DAILY SURVEYS: Monitor yourself and your work area frequently, at least once each day that radioactive materials have been used.

- (1) Daily monitoring may be done with a Geiger counter for P-32, and a

sodium iodide crystal for I-125.

- (2) Although gross S-35 or C-14 contamination may be detected using a Geiger counter, smears must be used to ensure that contamination levels for removable contamination is below 2,200 dpm...

In various documents (a statement to the FBI; a statement to the NIH Police; in his 2.206 petition to the NRC), ZHENG has asserted as follows:

- \* That their (ZHENG and MA) mentor, Dr. John WEINSTEIN had attempted to have them abort their baby and that he (WEINSTEIN) may have contaminated his wife to force her to have an abortion. ZHENG alleges that he told ZOON this on June 29, 1995, and that ZOON told him that they were not to return to the laboratory while the incident was being investigated.

ZOON stated that on the night of June 29, 1995, he drove to Holy Cross Hospital to pick-up urine and blood samples taken from MA. He said that ZHENG requested a ride back to NIH and he accommodated him. They left the hospital at about 9:30 p.m. and on the way back to NIH, ZHENG asked if he could wait on campus for the counting results of his wife's blood and urine. ZOON said that he agreed. He does not recall any of the above alleged conversation taking place on the way back to NIH. He only recalls the exchange of "general chit-chat." Once back at NIH, ZOON said that he did have a discussion with ZHENG about the incident. He said the conversation took place as the two were sitting at a table in his office in Building 21. He stated that his recollection of the conversation is documented on page 2 of the statement he provided to NIH (attached). ZOON said it is his recollection that ZHENG never made any allegations against WEINSTEIN relating to either the abortion issue or the contamination issue until days, or maybe weeks later. ZOON provided a copy of his contemporaneous notes (attached) that he made during his June 29th conversation with ZHENG.

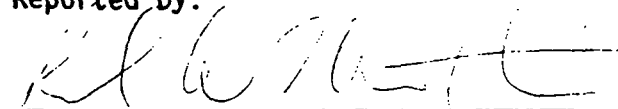
Regarding instructions not to return to his lab, ZOON recalls telling ZHENG that the contaminated areas had been sealed off for investigators and he probably would not be able to get back into the area. ZOON said he does not recall telling ZHENG not to return to the lab until further notice as described in ZHENG and MA's 2.206 petition which he has had opportunity to read.

ZOON said that each researcher is required to attend a basic radiation safety class. Prior to attendance, each student receives a copy of the "Radiation Safety in the Laboratory" text. He provided a copy of the text's transmittal letter (attached), which is also confirmation of the student's attendance. That portion of the text that addresses declared pregnancies is also attached. ZOON explained that it is incumbent upon the pregnant female to declare her pregnancy, and the declaration is strictly voluntary.

ZOON said that on June 29th, ZHENG informed him that he and MA received an NIH "Declaration of Pregnancy" form during the prior week. ZHENG told ZOON that they had discussed the matter over the weekend and had not made a decision whether or not to submit it. A blank declaration form is attached.

End of Interview Report of Robert A. ZOON drafted on November 30, 1995

Reported by:



R. A. Matakas, Sr. Investigator  
OI:Region I

**Statement of Robert A. Zoon, Chief, Radiation Safety Branch and NIH Radiation Safety Officer**

On the evening of June 29, 1995, I was notified at home by phone of an incident in progress at approximately 6:00 P.M. by Shawn Googins, the Deputy Radiation Safety Officer. There was a report by the NIH Fire Department of an investigator in Building 37 who had been "injected" with radioactive material. Shawn, who is the first person on our emergency call list, indicated he was responding. A followup call about 30 - 45 minutes later from Shawn indicated that Beth Reed and George Redmond had been at the office and responded to Building 37 to assist based on a call to the Radiation Safety Branch main number by the authorized user. Shawn also indicated that he had information that the radioactive material had been "ingested," not injected as originally reported and that it appeared to be P-32. Also the researcher involved was female and pregnant.

I responded by reporting to Building 21 between 7:30 and 8:00 P.M. I immediately called the authorized user, Dr. John Weinstein to discuss the situation. Following my talk with Dr. Weinstein I talked with Beth Reed on the scene for an update. She indicated that they had confirmed the internal intake of some P-32, amount unknown, but detectable with survey meters from the exterior of the investigator. She also indicated that due to the investigator's discomfort from her pregnancy, the Fire Department was going to take her to Holy Cross Hospital for observation.

I contacted Dr. McKinney, Director, DS at home to report on the incident in progress. I recollect being on the phone with Dr. McKinney for about 20 minutes. A urine specimen had been collected from the investigator prior to her transport to the hospital, and Beth brought that specimen down for analysis. Beth also spoke with Dr. McKinney. Shawn Googins returned to Building 21 to assist. While Beth was speaking with Dr. McKinney, I talked again with Dr. Weinstein.

I called the Holy Cross ER and talked to the physician, Dr. Ray White, attending Dr. Wenli Ma, the investigator involved. We discussed the fact that she had ingested P-32 and that IV hydration was probably advisable. Dr. White indicated that IV hydration was already in progress. I requested that all urine be collected for our analysis and that blood specimens be obtained from Dr. Ma. In the meantime, Shawn Googins was contacting REAC (the Radiation Emergency Assistance Center) in Oak Ridge, TN for assistance.

At about 9:00 P.M. I went to Holy Cross to get the specimens and talked to the investigator and her husband, Dr. Wenling Zheng, in addition to discussing the situation with Dr. White. I briefly interacted with Dr. Ma, just to introduce myself. She was smiling and appeared collected and friendly. Dr. Zheng was also very composed and requested a ride back to the NIH campus to obtain his car which was still parked on campus. We left Holy Cross to come back to campus at about 9:30 - 9:45.

On the way back to NIH, Dr. Zheng asked if he could wait for the counting results on his wife's urine and blood. I agreed to that and took Dr. Zheng into my office while Shawn Googins prepared and counted the urine and blood samples for radioactivity. While we

were waiting I asked Dr. Zheng how he discovered his wife's contamination and how he thought it happened.

Dr. Zheng indicated that he is responsible for monitoring the laboratory each day, delegated by Dr. Weinstein, the authorized user. He was monitoring on Thursday at about 5:00 P.M. and was detecting radiation with his meter even though he had not used any that day. As he got closer to his wife, the count rate increased. At first he thought that the chair used by his wife was contaminated. Upon closer monitoring he realized that his wife was the source of the counts. This is when he notified Dr. Weinstein, who then called the emergency response team.

Dr. Zheng reflected that he thought food which was in a refrigerator in a conference room had been intentionally contaminated by someone, resulting in his wife's condition. I tried to pin down when he thought this could have occurred. He indicated that they did not begin using the conference room facility for lunch until Tuesday of that week (i.e. June 27). Then he and his wife ate leftovers on Wednesday. The containers for the food were identical for his wife and him, but separate. This is why he thought that only one container had been contaminated.

I had no more questions at that point, but after a short pause Dr. Zheng volunteered the following which I considered curious:

- the pregnancy was an accident,
- he and his wife were concerned about the pregnancy, in particular:
  - having their baby born in a foreign country, and
  - the effect on their research fellowship,
- if they were in China, it would be possible to terminate the pregnancy,
- however, here in America, they were concerned about the views on abortion (he specifically mentioned the rejection of the Surgeon General nominee), and, finally
- he indicated that Dr. Weinstein was "not very happy" with his wife's pregnancy.

I then asked how their research was going. Dr. Zheng indicated that they were working on several papers for publication at that time and that, in his view, they were doing very well with their research.

About this time (~11:00 P.M.), Shawn had the results of the blood and urine counts which we discussed with Dr. Zheng. I then left Building 21, delivering Dr. Zheng to the corner by the MLP-6 parking garage to retrieve his car. I then returned home, arriving at about 11:20 P.M.

25/4/95

600  $\mu$ Ci AIT

Dr. ~~Wenling~~ Wenling Ma 29091 37/SD28  
Dr. Wenling Zheng 29090 37/SD18

6/29/95 5:00 P.M. Surveying working space  
Dr. Ma was nearby  
Detect radiation from Dr. Ma.  
Pancare G-M. meter.

Tuesday - started eating in conference room  
- ate leftovers yesterday P.M.

Declaration of Pregnancy a few days ago.  
Dr. Weinstein not very happy with pregnancy.

~~4:40~~ 4:40 P.M. ~~4400~~ dpm/ml in blood  
10:00 P.M. ~~4400~~ dpm/ml 1000 dpm/ml in urine

(Mark Wilson in the lab)

Weinstein X69572

P-32 inventory

AIT on Wednesday  
Conference room contamination -  
6 spots

1995

RADIATION SAFETY BRANCH COURSE CONFIRMATION

You have been registered for  
"Radiation Safety in the Laboratory"

DATE: \_\_\_\_\_

TIME: 8:30 a.m. to 1:30 p.m.

The classroom will open at 7:30 a.m.

LOCATION: Building 21, Classroom 237/238

ATTENTION!! ATTENTION!!

PLEASE ARRIVE ON TIME. THE DOORS WILL BE CLOSED AT THE BEGINNING OF THE FIRST LECTURE'S VIDEOTAPE AND NO FURTHER ADMITTANCE ALLOWED. THIS WILL PREVENT INTERRUPTION OF THE ONGOING CLASS FOR THOSE WHO ARRIVED ON TIME. THIS WILL ASSIST US IN COMPLETING OUR GOAL OF CONDUCTING THE RADIATION SAFETY CLASS IN A HALF DAY. LATECOMERS WILL BE ASKED TO REGISTER FOR ANOTHER COURSE.

Please review the enclosed handouts prior to your attendance at the RSL course. Bring these notes with you to class. An exam will be administered at the conclusion of the course. Satisfactory completion of the exam is required for you to continue to work with radioactive materials at NIH.

Note that there is available a three page document, "General Requirements for NIH Laboratories" in Chinese, Japanese, French, Spanish, Korean, Italian, and German. Call 496-2255 to request a copy of this document in one of these languages, or to inquire about sign language interpretation of the course.

Temporary parking permits will be available for those who need them. Parking is not permitted in spaces reserved for red permit parking, nor in spaces reserved for "Radioactive materials pickup and hot lab users" or in spaces reserved for government vehicles.

## NRC PRENATAL REGULATIONS AND NIH POLICY

A fetal protection policy has been implemented at NIH based on the new NRC Regulations. This policy will apply to pregnant women whose assigned duties involve exposure to ionizing radiation. It will not, however, apply to patients being exposed to radiation at NIH from medical procedures. The policy establishes a special dose limit for the embryo/fetus of a woman who has formally declared her pregnancy to the RSB. This special limit, 500 millirem, includes both internal and external exposures received by the embryo/fetus due to occupational exposure of its mother.

Use of this special limit through formal declaration of pregnancy is entirely voluntary. A woman may choose to make a formal declaration at any point in her pregnancy, or she may choose not to make a formal declaration at all. In the latter case, the dose to the embryo/fetus would not be evaluated or limited by the RSB. However, the woman's dose would still be subject to the standard limit for occupationally-exposed individuals, typically 5000 millirems per year. Also, the woman would still be required to maintain her dose as low as is reasonably achievable (ALARA).

If a woman chooses to formally declare her pregnancy, she may do so by completing a "Declaration of Pregnancy" form and submitting it to the Radiation Safety Branch. Blank declaration forms may be obtained by calling the RSB at 496-5774, or 558-8123 if you work at the Gerontology Research Center. The form documents basic identifying information for the woman (name, address, telephone number, etc.) and the estimated date of conception of the embryo/fetus. This date will be used as the starting point for evaluating and limiting the dose to the embryo/fetus. As soon as the pregnancy has been declared to the RSB, the fetal protection policy will be initiated.

All declarations of pregnancy will be considered confidential. However, it will be necessary for the woman to notify her Authorized User or her immediate supervisor, if she does not have an Authorized User, of her declaration. The Authorized User or supervisor will be responsible for enforcing radiation safety precautions and/or restrictions on a day-to-day basis. Medical documentation of pregnancy is usually not necessary. However, documentation may be needed if modification of assignment is advisable due to potential occupational radiation exposure. This situation is expected to be rare at NIH. If desired, confirmation of pregnancy may be obtained free through the NIH Occupational Medical Services (496-4411).

As soon as possible after the RSB receives the declaration of pregnancy, a health physicist will contact the declared pregnant woman to schedule an initial meeting with the woman and her Authorized User or supervisor. During this meeting, the health physicist will review information on biological effects of ionizing radiation; assess the woman's occupational radiation exposure potential; discuss any necessary precautions and/or restrictions to assist the woman in limiting the fetal dose; and establish an



exposure monitoring program to evaluate the dose delivered to the fetus. The meeting and any necessary restrictions on the woman's use of ionizing radiation will be documented. The document will be signed by the health physicist, the pregnant woman, and the Authorized User or supervisor. This will serve as verification that the pregnant woman and her Authorized User or supervisor understand the precautions and restrictions and will abide by them until the end of the pregnancy. The original document will be retained by the RSB; the woman and her Authorized User or supervisor will each receive a copy.

The special embryo/fetal dose limit is not expected to affect the scope of work for the majority of women at NIH. Restrictions would only be necessary if there is a significant potential for the embryo/fetus to receive a dose in excess of the 500 millirem limit resulting from external exposure of its mother and/or from intakes of radioactive material by its mother. For example, if a pregnant woman uses penetrating radiation such as x- or gamma rays extensively, restrictions may be necessary to prevent the embryo/fetus from receiving a significant dose from external exposure of its mother. Similarly, restrictions may be necessary for pregnant women who work with volatile radioactive materials because of the potential for the embryo/fetus to receive a dose from an intake of radioactive materials by its mother.

Note that if a pregnant woman uses only beta-emitting radioactive materials such as tritium, S-35, or P-32 there would be no potential for the embryo/fetus to receive a dose due to external exposure of its mother as the beta particles cannot penetrate the mother's tissue deeply enough to reach the embryo/fetus. However, the possibility of the embryo/fetus receiving a dose from an intake of beta-emitting (or any other) radioactive materials by its mother would still be of concern. The internal and external doses received by the fetus due to occupational exposure of the woman will be evaluated by the RSB from the estimated date of conception until the end of the pregnancy. The woman will be notified of any positive bioassay results and of any significant external fetal dose reported. The woman and her Authorized User or supervisor will also be contacted by the health physicist if any additional restrictions on the woman's use of ionizing radiation become necessary.

Women who are occupationally exposed to radiation are encouraged to notify RSB as soon as possible after they learn they are pregnant. This will allow early assessment of exposure risk and, if necessary, intervention to minimize fetal radiation exposure. If you have any concerns or questions about the new fetal dose limit or participation in the monitoring program, please contact your Area Health Physicist.

## DECLARATION OF PREGNANCY

In accordance with Title 10 of the Code of Federal Regulations, Part 20, I hereby declare my pregnancy to the NIH Radiation Safety Branch (RSB). This declaration authorizes RSB to evaluate the dose received by the embryo/fetus from my occupational exposure to ionizing radiation and to assist me in limiting that dose to 0.5 rem (500 mrem). I understand that this limit is intended to provide an extra measure of protection for the embryo/fetus since it may be more sensitive to ionizing radiation than an adult. The 0.5 rem limit will be applied from the estimated date of conception, \_\_\_\_\_, until the end of the pregnancy. I will comply with any restrictions imposed on my use of ionizing radiation by the RSB in order to meet this limit. If I am not contacted within five work days of when this form should have been received by RSB, I will notify my Area Health Physicist by calling (301) 496-5774.

\_\_\_\_\_  
Name (printed)

\_\_\_\_\_  
Phone Number

\_\_\_\_\_  
Social Security Number

\_\_\_\_\_  
Date of Birth

\_\_\_\_\_  
Work Location

\_\_\_\_\_  
Mailing Address

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

Send in envelope marked "Confidential" to: **NIH Radiation Safety Branch  
Building 21, Room 134**

or FAX to: (301) 496-3544 (confidentiality not guaranteed if FAXed)

**Privacy Act Statement:** The information requested on this form is essential for maintenance of records for individuals potentially exposed to ionizing radiation, as required by the Code of Federal Regulations, Title 10, Part 20. Certain information is protected by the Privacy Act of 1974. HHS-NIH-ORS 09-25-0166 documents the system of records in which this information is used. The primary users of this information are the staff of the Radiation Safety Branch, NIH. "Routine Uses" may also include disclosure of some information provided on this form to the U.S. Nuclear Regulatory Commission, or if necessary to defend the Government or an employee of DHHS in a lawsuit.

# EXHIBIT 12

REPORT OF INTERVIEW  
WITH  
SHAWN W. GOOGINS

On December 12, 1995, SHAWN W. GOOGINS, Deputy Radiation Safety Officer, at the National Institutes of Health (NIH), was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted at GOOGINS' office, located at NIH, Building 22, Bethesda, MD. The interview started at approximately 2:20 p.m., and no other persons were present. The interview was conducted to determine GOOGINS's knowledge of the contamination incident at NIH in which Wenli MA was contaminated with phosphorus-32 (P-32). GOOGINS provided the following information in response to questions.

GOOGINS resides at [REDACTED] and he has been employed at NIH since July 1991. GOOGINS provided a Curriculum Vitae, a copy is appended. His telephone number at work is 301-496-5774. His date of birth is [REDACTED] at [REDACTED] and his Social Security Number is [REDACTED]. He works for the NIH Radiation Safety Branch (RSB) and his supervisor is Robert ZOON. He acknowledged that he was previously interviewed by the NIH Police Department and the FBI about the contamination incident in which MA was contaminated with P-32.

GOOGINS said that on June 29, 1995, at approximately 6:00 p.m., he received a telephone call at home from the NIH Fire Department advising him something to the effect "that a researcher in Building 37 had injected herself with a radioactive substance." He could not recall the name of the person that called him at home, nor could he recall if P-32 was mentioned at that time. According to GOOGINS, he received the telephone call because his name is on the list of personnel to call in the event of an emergency.

After being notified of the event, he immediately drove his car to the NIH RSB, and while enroute spoke by mobile telephone with John WEINSTEIN, the authorized user at 5D18, Building 37. He also spoke with Dr. STANSBURY, at the Occupational Medical Services (OMS), at the NIH Hospital. As he arrived at RSB, he met Health Physicists Beth REED and George REDMOND as they were about to respond to the incident at Building 37. He instructed REED and REDMOND to respond to OMS because the contaminated person was being transported to OMS.

GOOGINS said he made numerous telephone calls while at RSB and then he went home. After a short period of time at home, he returned to the RSB at about 8:00 p.m. and stayed until about 12:00 a.m. conducting various assignments, including analyzing MA's urine sample.

GOOGINS said that he recalls ZOON returning to the RSB from the Holy Cross Hospital with Wenling ZHENG, MA's husband. According to GOOGINS, ZOON and ZHENG had a conversation, for about 30 minutes, mostly about the contamination incident. GOOGINS stated that ZHENG seemed very calm for somebody having a pregnant wife who was in the hospital with radiation contamination. While ZOON was speaking with ZHENG, GOOGINS said that he would periodically come in and out of the room completing his tasks. According to GOOGINS, ZHENG was very interested in the level of contamination that was detected in MA and

ZHENG had a keen interest in the contamination numbers.

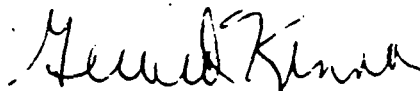
During his periodic visits, GOOGINS overheard ZHENG state to ZOOM that MA was aware of the policy regarding pregnant workers, however, MA had not, at that time, decided to executed the pregnancy documents. He recalls ZHENG insisting that MA's contamination came from the food in the refrigerator. He also overheard ZHENG claimed that he and MA did not drink any fluids from Building 37, and that they drank liquids that were brought from their residence. GOOGINS also overheard ZHENG state that he and MA normally did not use the refrigerator to store their food. GOOGINS insisted that during that evening he never overheard ZHENG accuse WEINSTEIN of the contamination incident. After the conversation was completed, ZOOM then drove ZHENG to ZHENG's car parked outside Building 37.

In passing, GOOGINS said that during his personal contacts with both ZHENG and MA in the days following the incident, he can recall ZHENG denying drinking water from the water cooler; however, ZHENG and MA now claim they drank water from the contaminated cooler.

The interview was terminated at approximately 2:42 p.m.

This interview was reported on December 13, 1995.

Reported by:



Gerard Kenna, Special Agent  
Office of Investigations  
Field Office, Region I

# EXHIBIT 13

REPORT OF INTERVIEW  
WITH  
NANCY NEWMAN

On December 12, 1995, Nancy NEWMAN, Health Physicist, Chief of Radiation Safety, at the National Institutes of Health (NIH), was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted at NEWMAN's office, located at NIH, Building 22, Bethesda, MD. The interview started at approximately 1:47 p.m., and no other persons were present. The interview was conducted to determine NEWMAN's knowledge of the contamination incident at NIH in which Wenli MA was contaminated with phosphorus-32 (P-32). NEWMAN provided the following information in response to questions.

NEWMAN resides at [REDACTED] and she has been employed at NIH for approximately 11 years. Her telephone number at work is 301-496-5774. Her date of birth is [REDACTED] at [REDACTED] and her Social Security Number is [REDACTED]. She received her B.S. in Biology from VA Tech, Blacksburg, VA, and her M.S. in Radiation Science in [REDACTED] from George Washington University, Washington, D.C. She works for the NIH Radiation Safety Branch (RSB) and her supervisor is Robert ZOON.

On June 29, 1995, at approximately 6:00 p.m., she received a telephone call from Victor LACY, a coworker at RSB, advising her that a potential radiation contamination incident had occurred at NIH. According to NEWMAN, LACY patched her into a telephone call with John WEINSTEIN, the authorized user at 5D18, Building 37. NEWMAN related that WEINSTEIN was frantic, in that one of his researchers had radiation contamination all over her body. WEINSTEIN did not identify the radioisotope, but when asked, responded that phosphorus-33 was used in the laboratory. While on the phone with WEINSTEIN, NEWMAN overheard that the NIH ambulance personnel had arrive at WEINSTEIN's laboratory. NEWMAN was told by WEINSTEIN that the Fire Department notified Shawn GOOGINS, a coworker at RSB, of the incident.

While on the telephone with WEINSTEIN, NEWMAN said that she had LACY page Beth REED, a Health Physicist at RSB, at a local restaurant in an effort to have someone respond to the incident. LACY was unable to locate REED at the restaurant, however, LACY advised NEWMAN that George REDMOND was still working at RSB. NEWMAN spoke to REDMOND, advised REDMOND of the circumstances, and told REDMOND to respond to the incident at 5D18, Building 37. It was at that time that she learned from REDMOND that REED was in the rear of the RSB building. NEWMAN advised REDMOND that both he and REED should respond to the incident.

NEWMAN said that she never spoke to MA or Wenling ZHENG on the night of the incident. She later learned that GOOGINS had returned to RSB and instructed REDMOND and REED to respond to the Occupational Medical Services at the NIH Hospital.

The interview was terminated at approximately 2:18 p.m.

This interview was reported on December 13, 1995.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I



Case No. 1-95-033A

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EXHIBIT 13  
PAGE 2 OF 2 PAGE(S)



# EXHIBIT 14

4547 P01

**OFFICE OF INVESTIGATIONS**  
**U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES**

On October 26, 1995 Lynne G. Stansbury, M.D., a staff physician with the Occupational Medical Service (OMS), National Institutes of Health (NIH), was interviewed in connection with this investigation. Dr. Stansbury was interviewed in the OMS center located on the 6th floor of the NIH Clinical Center in Bethesda, Maryland. The interview was conducted by reporting agent and Gerard Kenna, a senior investigator for the U.S. Nuclear Regulatory Commission (NRC). After reporting agent and investigator Kenna identified themselves by display of their credentials, Dr. Stansbury provided the following information, in substance:

- Dr. Stansbury advised she was at work in the OMS center the night Dr. Wenli Ma was discovered to have been radiated. She believes she either heard of the incident over the emergency radio stationed at the OMS covering emergency traffic or through a phone call she took that night from one of the medics at the scene of the incident. Dr. Stansbury opined that it was more likely she heard the incident noted on the radio because she recalled that both she and evening nurse Eileen Povaromo reacted with amused surprise when they heard an outgoing report from an ambulance (possibly NIH ambulance number 215) stating, "we've been called to the scene of a radioactive ingestion," or words to that effect. She believes she then heard that the patient was pregnant. Dr. Stansbury said the report of an *ingestion* is what struck her and the nurse as being odd at that time. She had no recollection of hearing the specific radioactive substance or isotope identified during this initial report.

- Dr. Stansbury recalled receiving an initial phone call from NIH Fire Fighter Lewis (NFI) and then a number of subsequent calls from Fire Fighter Sumpter Embry. Embry characterized the incident as being one of radioactive exposure, vice ingestion, and identified the substance involved as being P-32. She recalled that what Embry described to her sounded like a typical incident of radioactive exposure. Dr. Stansbury noted that she was aware prior to this incident that P-32 was an isotope in wide use at the NIH for research.

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|                         |                           |                             |
|-------------------------|---------------------------|-----------------------------|
| Investigation conducted | 10/26/95                  | at Bethesda, Maryland       |
| by SA Frank Adelman     |                           | OI file number W-95-00153-4 |
| Date dictated           | Date transcribed 10/26/95 | by fma                      |

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OI-3 (10/91)

- Dr. Stansbury then recalled that another incident of exposure to P-32 occurred 2 days prior to the incident with Dr. Ma. The incident occurred in Building 49 on the NIH campus, and involved a student research assistant accidentally splashing himself with saline solution that had been put into a container not known to have been radioactive with P-32. The radiation was discovered on the student when a fellow student in the lab scanned him with a geiger counter (for fun, Dr. Stansbury opined). Instead of staying at the scene and calling for help, the student went directly ("hot footed it") to the OMS for evaluation and treatment. There is no connection between the 2 incidents that Dr. Stansbury is aware of.

- Dr. Stansbury recalled that the night of the Ma incident she called Sean Guggins of NIH Radiation Safety for information on how to proceed with emergency decontamination procedures. She related that sometime during that evening, someone (possibly Fire Fighter Embry) called Suburban Hospital and was then directed by a doctor there to take Ma to Holy Cross Hospital. Dr. Stansbury explained that the OMS is restricted to referring patients to one of these hospitals, and that Suburban was called "pro forma", even though it was known the hospital can not handle OB-GYN matters. She remembers placing calls herself that same evening, one to a Dr. White at Holy Cross to alert them Ma was on the way, another to her own supervisor Jim Schmitt, and at least two calls to Ma's OB-GYN. Dr. Stansbury assumed, but did not know for sure, that she advised Dr. White at Holy Cross that Ma had been radiated with P-32.

- Ma did not come to the OMS clinic the evening of the incident; Dr. Stansbury said she did not see her. Instead, Ma and her husband Wenling Zheng came to the clinic the next morning. They were accompanied by Detective Sergeant Jody Luke of the NIH Police and a representative from NIH radiation safety. Dr. Stansbury said she did not discuss the incident with Zheng or in any detail with Ma herself, because of the others present during the short examination. She believes that Ma and Zheng also filed papers with the NIH workers compensation program that same morning.

- Dr. Stansbury provided the background information contained in the attached page.

ATTACHMENT

# EXHIBIT 15

INTERVIEW REPORT  
OF  
WANDA SHORT

On October 25, 1995, Wanda SHORT, Firefighter at the National Institutes of Health (NIH), was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna and NIH Police Detective Jody LUKE. The interview was conducted at SHORT's work station located at NIH. The interview started at approximately 9:24 a.m. and no other persons were present. The interview was conducted to determine SHORT's knowledge of the contamination incident at NIH in which Wenli MA was contaminated with phosphorus-32 (P-32). SHORT provided the following information in response to questions:

She resides at [REDACTED] and she has been employed at NIH since April 1991. Her telephone number at work is 301-496-2372. Her date of birth is [REDACTED] and her Social Security Number is [REDACTED]. On a periodic basis, for about 1 1/2 years, she attended Bowie State Community College and she is currently attending Montgomery County Community College. Her current supervisor is Acting Chief Gary HESS.

On June 29, 1995, at approximately 5:58 p.m., SHORT assisted Sumpter EMBREY, another NIH Firefighter, with an emergency call at Building 37, 5th floor. She and EMBREY departed the fire station and travelled in Ambulance 519 to the side door of Building 37. They left the ambulance motor running while they responded to the emergency. They both went to the 5th floor where a woman, later determined to be MA, who was 20 weeks pregnant, was contaminated with some type of radioactive material. She could not recall if P-32 was the radioisotope. However, she does recall the word "phosphorus" being used during conversations at Building 37. SHORT could not recall the term "P-32" being used during any of the conversations. She said that the Radiation Safety Department was called to the incident but did not respond for at least 45 minutes to 1 hour after her arrival. She said that a considerable amount of time was spent trying to determine whether MA was internally or externally contaminated with the radioactive substance. She recalled that geiger counter readings were high when the geiger counter was placed near MA's head and feet.

SHORT said that EMBREY spent a considerable amount of time talking to Lt. Raymond POOLE, her and EMBREY's supervisor at the fire station. In addition, EMBREY had conversations with the NIH Occupational Medical Services Department and NIH Radiation Safety Branch (RSB) personnel. EMBREY was seeking advice on what course of action had to be taken in MA's contamination.

SHORT said that her time was consumed calming MA down and attempting to determine how she got contaminated. MA could offer no explanation as to how she got contaminated. She recalled that MA kept wanting to eat candy and that both her husband (Wenling ZHENG) and her mentor (Dr. John WEINSTEIN) wanted MA transported to the hospital for treatment. She also recalled WEINSTEIN questioning MA about the pain MA was experiencing in her back.

Although she could not recall the names of the RSB personnel that responded to the scene, she physically described RSB Health Physicists Beth REED and

George REDMOND. According to SHORT, most of the effort made by REED and REDMOND was to determine the source of MA's contamination. They reviewed MA's itinerary and discovered contamination on the floor of a conference room.

She said that at about 7:58 p.m. she, along with EMBREY, ZHENG, and MA, departed Building 37 to take Ambulance 519 to Holy Cross Hospital which is a few miles from NIH. However, Ambulance 519 broke down with mechanical problems outside Building 37. SHORT said that ZHENG wanted to transport MA in their personal car, but another ambulance was called to the scene. She said that MA, ZHENG, EMBREY, and two ambulance personnel proceeded to Holy Cross Hospital in the second ambulance. She stayed with Ambulance 519 during the mechanical servicing.

The interview was terminated at approximately 10:11 a.m.

This interview was reported on October 27, 1995.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I

# EXHIBIT 16

INTERVIEW REPORT  
OF  
TSUNEHIRA SHIMIZU

On December 5, 1995, Tsunehira SHIMIZU, visiting fellow at the National Institutes of Health (NIH), was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted at SHIMIZU's laboratory office located at NIH, National Cancer Institute (NCI), Building 37, Room 5D22, Bethesda, MD. The interview started at approximately 12:15 p.m. and no other persons were present. The purpose of the interview was to obtain general information regarding the 5th floor laboratories of Building 37 at NIH. In addition, the interview was conducted to determine SHIMIZU's knowledge of the contamination incident at NIH in which Wenli MA was contaminated with phosphorus-32 (P-32). SHIMIZU was also interviewed regarding his knowledge of the P-32 and phosphorus-33 (P-33) contamination of the water cooler on the 5th floor of Building 37. SHIMIZU provided the following information in response to questions:

SHIMIZU resides at [REDACTED] and he has been employed at NIH for approximately 2 years. His telephone number at work is 301-402-4160. His date of birth is [REDACTED] at [REDACTED] and his Social Security Number is [REDACTED]. He received his M.D. in [REDACTED] and Ph.D. in [REDACTED] from Kyoto University, Kyoto, Japan. He works in the Laboratory of Molecular Pharmacology (LMP) and his supervisor is Yves POMMIER. He plans to terminate his fellowship with NIH in one year.

The 5th floor of Building 37 contains three laboratories: the LMP, the Laboratory of Medicinal Chemistry, and the Laboratory of Biological Chemistry.

SHIMIZU normally works from approximately 8:30 a.m. to approximately 7:00 p.m., and he was working in his laboratory on June 29, 1995, the night of the contamination incident. He said that he recalls the ambulance personnel coming to John WEINSTEIN's laboratory in room 5D18, and he recalls the ambulance personnel leaving with MA. He said that he left the laboratory about 30 minutes after the ambulance crew left the building with MA.

He was working in his laboratory, Room 5D22, and decided that he needed a journal from the conference room (Room 5C25) next to Kurt KOHN's office. The conference room is used to store food in the refrigerators, eat lunch, and have small meetings. The room also contains journals needed for research. As he was entering 5C25, he met Wenling ZHENG coming out of the room, and ZHENG had a geiger counter in hand. He could not estimate at what time this occurred. ZHENG told him that his wife had ingested some radioactive material (not further specified), and ZHENG stated something to the effect that he (ZHENG) had conducted a radiation survey, and that the floor and the refrigerator in 5C25 were both contaminated with a radioactive substance.

SHIMIZU stated that he went directly back to his laboratory to retrieve a geiger counter (GSM-10S meter) and told Akira FUJIMORI, a coworker, of his conversation with ZHENG. Both he and FUJIMORI returned to 5C25 and began surveying the floor and refrigerator area for radioactive contamination. They



were joined shortly by another coworker, Malini GUPTA. Although he recalls seeing John WEINSTEIN that evening, he does not recall seeing WEINSTEIN in room 5C25. According to SHIMIZU, the frame of the refrigerator and the floor near the refrigerator, were contaminated with a radioactive material.

INVESTIGATOR'S NOTE: It was later determined the floor was contaminated with P-32 and P-33, but the refrigerator was not contaminated.

Within a short period of time, a black man, later identified as Radiation Safety Branch worker George REDMOND, came to 5C25 and told everyone to leave the room so that he (REDMOND) could conduct a radiation survey. SHIMIZU said that he, GUPTA, and FUJIMORI waited in the hallway while REDMOND conducted the survey. SHIMIZU stated that REDMOND, after completing his surveys in 5C25, conducted a radiation survey of his clothes and the clothes of GUPTA and FUJIMORI. During the surveys, it was determined that FUJIMORI's shoe was contaminated. Redmond decontaminated the shoe by using a spray and washing the shoe in the sink of room 5D22.

SHIMIZU said that he does not recall any conversations that evening with WEINSTEIN or MA. Other than FUJIMORI and GUPTA, he recalls that Guang LI and Mark WALTHAM were working that evening.

In addition, he could provide no pertinent information regarding the contamination of the 5th floor water cooler with P-32/P-33. He drinks water from the water cooler that was determined to be contaminated. He previously submitted a urine sample and the results were negative for radioactive contamination. He does not suspect anyone of the aforementioned contamination incidents.

He said that FUJIMORI recently terminated his fellowship with NIH and returned to Japan. FUJIMORI resides at [REDACTED]

The interview was terminated at approximately 12:55 p.m.

This interview was reported on December 5, 1995.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I



# EXHIBIT 17

INTERVIEW REPORT  
OF  
MALINI GUPTA

On February 5, 1996, Malini GUPTA, Post Doctorate Visiting Fellow, at the National Institutes of Health (NIH), Bethesda, MD, was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Special Agent Gerard Kenna and Federal Bureau of Investigation Special Agent Richard Potochek. The interview was conducted at conference room 5C12, located at NIH, National Cancer Institute (NCI), Building 37. The interview started at approximately 4:40 p.m.; no other persons were present. The purpose of the interview was to obtain general information regarding the 5th floor laboratories at Building 37. In addition, the interview was conducted to determine GUPTA's knowledge of the contamination incident at NIH in which Wenli MA was contaminated with phosphorus-32 (P-32). GUPTA was also interviewed regarding her knowledge of the P-32 and phosphorus-33 (P-33) contamination of the water cooler on the 5th floor of Building 37. GUPTA provided the following information in response to questions.

GUPTA resides at [REDACTED] and she has been employed at NIH for approximately 2 years. Her telephone number at work is 301-402-4160. Her date of birth is [REDACTED] and her Social Security Number is [REDACTED]. She received her B.S. degree in [REDACTED] and her M.S. degree in [REDACTED] from Bombay University, Bombay India. In [REDACTED] she received her Ph.D. in Molecular Biochemistry from New York University. She works in the Laboratory of Molecular Pharmacology (LMP); her supervisor is Yves POMMIER.

GUPTA was working in the laboratory directly across the hall from John WEINSTEIN'S laboratory on the evening of June 29, 1995, the night it was discovered that MA was contaminated. A commotion ensued in WEINSTEIN'S laboratory when the ambulance personnel arrived to treat Dr. Wenli MA. She stayed out of WEINSTEIN'S laboratory because she had a significant amount of work to be completed in preparing tissue cultures for her own experiments. For the most part, she stayed in her laboratory with Ann ORR, a coworker. Later, she closed the door to her laboratory. She did recall checking herself with a geiger counter for radiation contamination along with coworkers Akira FUJIMORI and Tsunehira SHIMIZU. With her coworkers, she recalls checking for radiation contamination in the hallways, on the floors and around the refrigerators in the vicinity of WEINSTEIN'S laboratory. She may have checked the conference room (5D25), but due to the passage of time she could not recall any specifics. She recalls George REDMOND, a NIH Radiation Safety Specialist, checking for radiation contamination, however, she does not recall any contamination being detected on any clothing or shoes.


GUPTA spoke to Wenling ZHENG that night about the incident and ZHENG told her that MA was internally contaminated with a radioactive material. According to GUPTA, ZHENG may have mentioned the specific radioactive material, but at this time she can not recall any further specifics. She now knows it was P-32. During that evening she learned from ZHENG that MA was pregnant. GUPTA departed the building at approximately 9:00-9:30 p.m., about one hour after the ambulance personnel departed with Dr. MA.

In addition, she could provide no pertinent information regarding the contamination of the 5th floor water cooler with P-32/P-33. She did not drink water from the water cooler that was later determined to be contaminated.

The interview was terminated at approximately 5:15 p.m.

This interview was reported on February 6, 1995.

Reported by:



Gerard Kenna, Special Agent  
Office of Investigations  
Field Office, Region I



# EXHIBIT 18

## INGESTION INCIDENT

THURSDAY JUNE 29, 1995

I received a call at my desk at about 6:15 from Victor Lacy stating that George Redmond was on another line with Nancy Newman about a possible contamination problem in Building 37. Dr. Weinstein, the authorized user, called the radiation safety branch (RSB) to report personnel contamination. Victor called Nancy because he did not know if anyone was still in the building. We were on our way out the door with the spill kit and the skin decontamination kit when Shawn Googins came in the building and told us that the patient was being transported to OMS. At the same time Dr. Weinstein was calling RSB Dr. Zheng called the fire department who in turn called Shawn Googins. George and I proceeded to OMS where we were told by Dr. Stansberry that the patient was still in Bldg. 37. We proceeded to Bldg. 37. We arrived in the lab, 5D18, at about 6:40, listed below is what transpired, in chronological order, prior to the patient being transported to the hospital:

\*When we first arrived at the laboratory there was a great deal of confusion. We had been told a researcher had injected P-32 into herself, as it turns out she ingested P-32. When I started to ask a few questions Dr. Ma, Dr. Zheng, Dr. Weinstein and the two paramedics started talking all at once. I finally got everyone quieted down and got them to talk one at a time. I was told by Dr. Ma, Dr. Zheng, Dr. Weinstein that Dr. Ma had eaten contaminated food. The reason that they felt the food was contaminated was because they said the refrigerator in the conference room was contaminated. Dr. Weinstein said he had surveyed it just a short time ago and found it to be contaminated. If Dr. Weinstein had surveyed the area a little closer he would have found that the refrigerator was not contaminated, but that the readings were originating from a spot of contamination on the floor in front of the refrigerator. No radioactive materials are permitted in the room where the refrigerator is housed so accidental contamination is not an option. Also, because the spots of contamination diminish in activity as they lead away from the refrigerator the contamination had to originate from inside the conference room and was not tracked in from another laboratory.

\*I proceeded by trying to eliminate the possibility that she had external contamination as opposed to internal contamination. I also did not want to send her to the hospital if there was external contamination. I explained this to Dr. Ma and she seemed to understand and patiently answered my questions. Her husband cooperated and even assisted some, although he still insisted that the contamination was internal and that it came from food stored in the

refrigerator. He said it must have happened Wednesday because they had both eaten the same thing Thursday and he wasn't contaminated. I monitored him to verify if there was any contamination, I detected nothing.

\*Dr. Weinstein acted very impatient with me and tried to hurry my investigation. When I would ask Dr. Ma a question he tried answering it for her. He too was convinced it was internal contamination which originated from the food stored in the refrigerator. The following are the steps I took to verify the contamination was internal and not external:

\*I Interviewed Dr. Ma to verify that she had not recently undergone a medical procedure.

\*I Performed an initial survey with a thin window NaI probe to verify that there was a contamination problem.

\*I took smears of her hands and, neck and face to determine if any removable contamination was present. None of the smears were above background.

\*She changed out of her clothes and into clean scrubs. A survey was then performed with both a thin window NaI probe and a pan GM, the results are listed below:

|               |           |
|---------------|-----------|
| Head/Hair     | 2,500 cpm |
| Chest         | 3,000 cpm |
| Arms/Hands    | 2,000 cpm |
| Waist (front) | 6,000 cpm |
| Legs (knees)  | 2,000 cpm |
| Feet          | 1,000 cpm |

The meter used to perform the survey was a Bicron, serial number B3335A. The probe efficiencies for P-32 are 30% with the pan GM and 23% with the thin window NaI. The meter is due for calibration on 7/20/95.

\*George went to the conference room, 5C25, and performed a survey of the refrigerator, the food and the room. The floor in front of the refrigerator was found to be contaminated, 250,000 cpm with a pan GM. The refrigerator and the food inside of it was not contaminated. Smears were taken of the floor and the refrigerator.

\*While on the phone with Bob Zoon and Shawn Googins I asked the patient to submit a urine specimen, this was 7:00 pm. When she brought the sample back to the lab I surveyed the urine sample with a thin window NaI probe, the count rate was 1,500 cpm at about 1 cm above the liquid. I later asked the female paramedic if she had

witnessed the patient submit the urine sample. The paramedic said that the patient and her husband were very adamant that they were to be left alone.

\*While waiting for the paramedics to arrange transport I briefly counseled the couple on the biological effects of radioactive materials and gave them Regulatory Guides 8.13 and 8.29 which discuss prenatal risks. Several times Dr. Weinstein said that this information was irrelevant and tried to get me to stop. I explained to him that I wanted to assure the couple that the exposure Dr. Ma will receive from the internal contamination was well within the allowable limits and there was no risk to her. I told all three of them I was unsure as to the effect the radiation would have on the fetus, but from what I'm seeing there doesn't appear to be a problem. The first trimester is when the fetus is the most radiosensitive and since she is past that stage there wouldn't be any major problems. Dr. Weinstein appeared to be frustrated because I continued the discussion with the couple so he left the room.

\*I tried to determine when and where the couple had eaten and if the eating utensils were available for analysis. The husband evaded the question awhile by first acting like he didn't understand my questions and then with various excuses like "well I'm not sure" or "at home". Finally he said that they had eaten at a table in the hall on Thursday and they had thrown the garbage in the trash in the hall. They told me that they had both eaten the same thing on Thursday so the contaminated food must be from Wednesday. Apparently Wednesday's lunch was leftovers which they kept in the refrigerator in 5C25. He said their lunches were still in the refrigerator in 5C25 and some empty bowls and the utensils used to make the food were at home. I asked him to put everything in a bag and bring them in on Friday so we can survey them. He never brought them in for us to survey. When two health physicist from RSB went to their house they found all the dishes had been already washed.

\*After it was determined that the patient was internally contaminated and not externally she was then transported to the hospital. Before the paramedics left I surveyed them to verify they had not gotten contaminated. I also told them to make sure the hospital did not dispose of her urine, I would be by later to pick it up.

\*Dr. Ma was beginning to complain of a lot of discomfort in her side and the paramedics suggested that she should lie on the stretcher. The pain very quickly intensified at about the same time I was asking her and her husband about where and when they had eaten and where the garbage or leftovers were placed. The paramedics felt



it best they get her into the hospital quickly because the pain was getting visibly worse. Dr. Ma had mentioned to me earlier that she had had severe pains in the side Wednesday night and was wondering if they were related to the radiation. I told her that the amount of radioactive material she had ingested was not enough to cause any problems.

\*A survey of her desk, the table she ate at and the trash cans in the hall found no contamination. A thin window NaI probe was used. The lab and Dr. Weinstein's office were also surveyed, no contamination was found. I also surveyed all the food items in the refrigerator in room 5C25, I found no contamination.

I left the lab at about 8:30 and brought the urine sample back to Building 21 for analysis. George stayed to secure the conference room and then left.

I prepared the urine sample and ran it in the Liquid Scintillation Counter (LSC). While the urine was being counted I prepped the smears from the conference room and the refrigerator. I loaded them in the LSC and started the machine. By this time the urine was finished counting and I brought the results to Bob Zoon. I spoke with Dr. McKinney on the phone about the situation. By this time Shawn Googins had also arrived at the building, Bob Zoon decided that he would go to the hospital and that I could go home. I finally left at about 10:00 pm. Just before I left Dr. Weinstein called Shawn Googins to tell him that he was surveying the area where the couple had eaten lunch (the same area I had just surveyed an hour and a half earlier) and found a coffee cup on the table in the hall, in the coffee cup was a centrifuge tube with a orange top. The items were contaminated. Those items were not on the table when I surveyed it an hour and a half before. Dr. Weinstein put the items in a plastic bag and moved the items into his lab and locked the door.

## FRIDAY JUNE 30, 1995

At 7:45 a.m. Bob Zoon, Shawn Googins, Nancy Newman and I met to discuss the incident. I was sent to the lab to make sure the area stayed secure until the detective arrived. I arrived at the lab at 8:30 a.m., the lab, conference room and the table in the hall were secure. As people arrived there were many questions and comments. I discovered from a summer student that he had witnessed how this incident was discovered. He said Dr. Zheng was responsible for performing the daily surveys in the lab. He was in the lab when Dr. Zheng was performing the daily survey and he said he heard a survey meter start clicking alot, he heard Dr. Zheng approach Dr. Weinstein and say "something terrible has happened to my wife". The students name is [REDACTED] Another researcher, Charles Perry, told me that Dr. Ma and Dr. Zheng had left around lunch time Thursday

and he did not see them again that day.

Officer Elliot arrived at 9:30 a.m. to help secure the area. I had him watch the lab while I stayed in the office. While waiting for the detective I decided to monitor the floor in the office that leads to the conference room. I found three spots of contamination, see diagram. The pattern on the floor looks like someone contaminated one shoe while in the conference room and walked out of the room. The tracks stopped at the door. I asked the head of the housekeepers when the halls are mopped, she said they are wet mopped every Monday, Wednesday and Friday. They had not yet mopped the floors that day. As the diagram illustrates the spots of contamination decrease with each step, the likelihood of any contamination being tracked in the hall is minimal. The last known area of contamination was only 150 cpm, any lower counts could not be found with a pan GM probe.

Detective Luke arrived about 10:15 a.m., along with Lewis Manning from the NRC. When they arrived I was in the process of inspecting inventory records of labs on the 5D hall. I asked Mike Noska to print out information from the VAX about who had ordered P-32 in the months of May and June. He gave me the AU names, location and compound of all orders received on the 5C and D halls. I was trying to see if anyone had any missing source vials. By examining the physical inventory, the laboratories disposal sheets and data on the RSB VAX the only abnormality we found was that in 5D27 there was a vial of P-32 CoTP that was not on the VAX. Most of the P-32 that is used in the area contains either a red or green dye in the solution. There was only 1 lab with two vials of ATP that used the clear solution, the material was ordered by Dr. Sausville and is stored in room 5E20.

Before the detective went into the laboratory, 5D18, I wanted to remonitor the floor to verify there was no contamination present. I found no detectable contamination in the laboratory, Dr. Ma's desk or in Dr. Weinstein's office. After I cleared the lab I went over to the conference room to monitor the floor. In addition to the previously identified spot in front of the refrigerator I found 6 more spots. At this point I stopped and called down to Building 21 to ask for paper to cover the floor and assistance in monitoring. Virginia Sheldon arrived to assist me, I asked her to paper the floor so the detective could come in the room and start his investigation.

After Detective Luke finished in the lab he gave me permission to survey the cup and the tube that was found in the hall by Dr. Weinstein and remove any liquid from the tube that I needed to do a radiological analysis. I surveyed the cup and the tube with a pan GM, it was 8,000 cpm at the top surface of the tube. After I removed the liquid from the tube I took another measurement of the cup and the tube. The tube, which was out of the cup, measured 20,000 cpm. The cup, with the tube removed, did not measure

above background. No smears were taken because it could have smeared any fingerprints or other evidence. I noticed the liquid in the tube was clear. There was only 1 mL of liquid, I removed that and placed it in a LSC vial. I took a measurement of the vial with a pan GM, the reading was 140,000 cpm at the surface. I brought the vial down to Bldg. 21 at 1:15 pm to be analyzed. I returned to the lab and put the now empty tube in a bag and labeled it with "Caution Radioactive Material" tape and gave it to Detective Luke. I then went over to the conference room and helped Virginia monitor the room. She had found a brown paper bag that measured 200,000 cpm with a pan GM. The survey of the room found 11 spots on the floor, not including the spot in front of the refrigerator. When I surveyed the spot in front of the refrigerator it measured 500,000+ cpm, and this was with it covered by cardboard. Attached is a diagram of the conference room and the results of the survey.

Virginia and I left the building at 3:30 p.m., the lab was cleared by Detective Luke and was reopened for work. The conference room floor was covered with paper and the detective secured the room to finish his investigation at a later time. Detective Luke called at 4:30 p.m. and asked if I could go back up to Bldg. 37 and put the contaminated paper bag that was found in the conference room in a plastic bag and give it to an officer to bring to him. He also said the locksmith would be there to replace the lock so that no one could get into the room. Jim Dwyer and I went up to the area and after I had given the bag to the officer I showed Jim the lab and the table where Dr. Ma said she had eaten lunch.

## PERSONNEL INTERACTIONS

| <u>NAME</u>      | <u>TITLE</u>               |
|------------------|----------------------------|
| George Redmond   | Health Physicist, RSOS,RSB |
| Victor Lacy      | Administrative Assistant   |
| Nancy Newman     | Section Chief, RSOS,RSB    |
| Dr. Stansberry   | OMS                        |
| Wenli Ma         | Researcher (patient)       |
| Wenling Zheng    | Researcher (husband)       |
| John Weinstein   | AU                         |
| Bob Zoon         | RSO, RSB                   |
| Shawn Googins    | Section Chief, TSS, RSB    |
| Dr. McKinney     | Division Chief, DS         |
| Mike Noska       | Health Physicist, TSS, RSB |
| Charles Perry    | Researcher, NCI            |
| [REDACTED]       | Researcher, NCI            |
| Bill Bonner      | Section Chief, NCI         |
| Edward Sausville | Lab Chief LMC, NCI         |
| Officer Elliot   | NIH Police                 |
| Detective Luke   | NIH Police                 |
| Lewis Manning    | Inspector, NRC, Region 1   |
| Virginia Sheldon | Health Physicist, RSOS     |
| Jim Dwyer        | Inspector NRC, Region 1    |
| Donna Beth Howe  | NRC Head Quarters          |

## CLARIFICATION ON INCIDENT REPORT

After I had determined that the P-32 contamination was internal I tried to determine how and when it happened. Dr.'s Ma, Zheng and Weinstein all stated several times that Dr. Ma had eaten contaminated food. Dr. Weinstein told me that after being told about Dr. Ma's contamination he went over to the conference room (5C25) to monitor the refrigerator where Dr. Ma keeps her food. He discovered contamination in the refrigerator, or so he thought. It was later determined that the contamination was actually on the floor in front of the refrigerator, not in it.

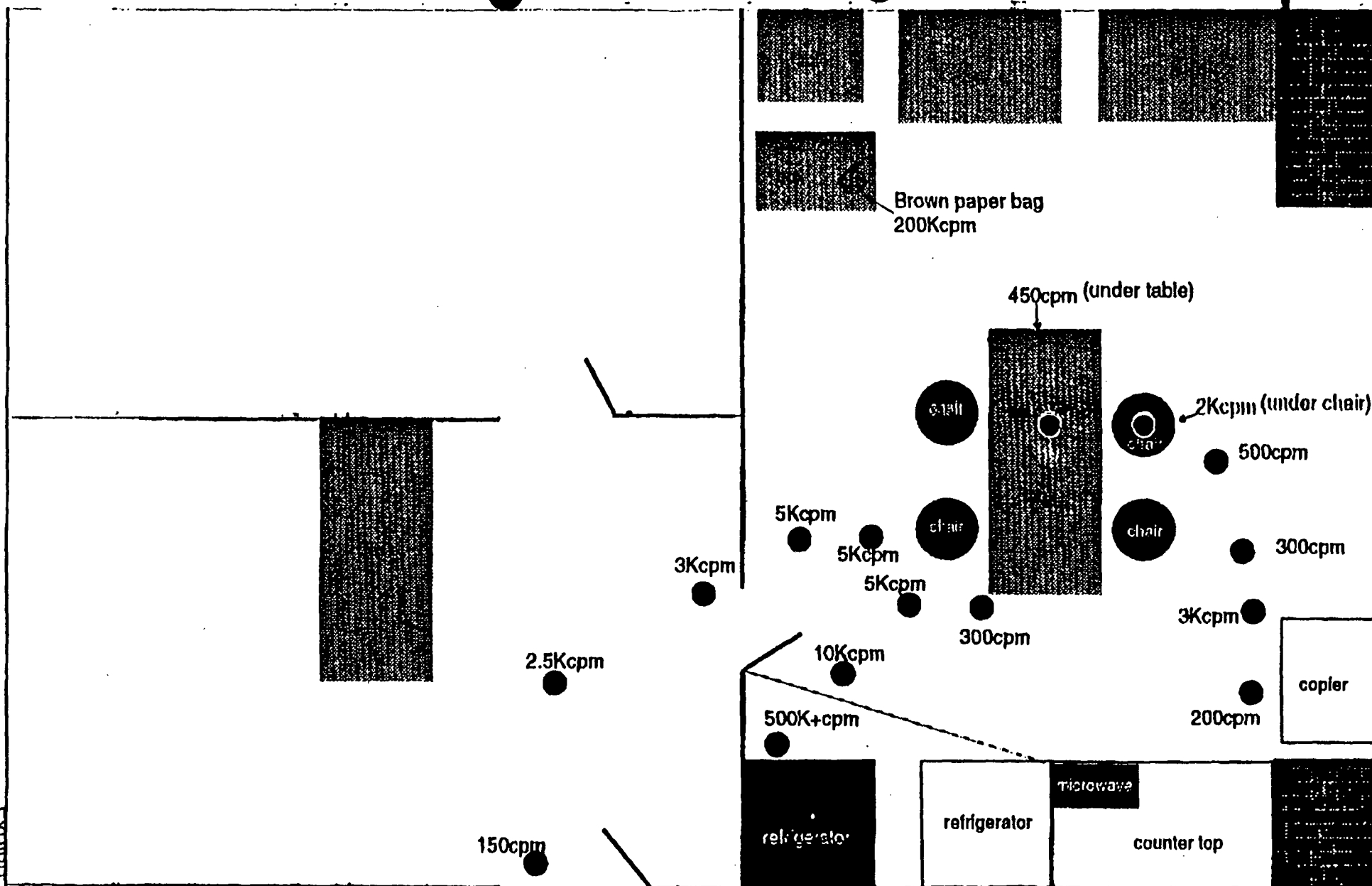
Dr. Ma said that she must have eaten the contaminated food on Wednesday because Thursday her and her husband ate the same thing and he wasn't contaminated. I monitored him and did not observe any counts above background.

I began to ask Dr. Ma and Dr. Zheng about where they ate their lunch and when. I also asked them about what they drank during lunch and while at work. Dr. Ma told me that she does not drink anything from the building. She said that everything she drinks she brings from home.

While I was asking the questions about the food and drink the pain in Dr. Ma's side became visibly worse. As the paramedics were preparing the stretcher to carry Dr. Ma I tried to get Dr. Zheng to give me more information about the food they ate. I wanted to monitor any trash left over from lunch or any eating utensils that they had used. From what I understood from Dr. Zheng they had prepared their food at home and brought it to work. I asked Dr. Zheng to put everything from lunch, including any bowls or plates, into a bag and bring them in on Friday so I could monitor them. He never did, and when a survey was performed at their home on the 30th everything had been washed.

After Dr. Ma had been taken to the hospital I monitored her desk and work area. In an open drawer in her desk I found some bags of food, I monitored them and found no contamination. There was also a cup which I monitored, it too was not contaminated.

*Beeth Reed*



5C Corridor

# EXHIBIT 19

Date July 7, 1995

Subject: Incident Report

To: U.S. Nuclear Regulatory Commission

From: George O. Redmond

Individuals: Dr. John Weinstein, Authorized Investigator  
Dr. Wenling Zheng, Visiting Fellow Researcher  
Dr. Wenli Ma, Visiting Fellow Researcher  
Dr. Timothy Myers, Laboratory Researcher  
Dr. Guang Li, Visiting Fellow Researcher  
2 individuals from Fire Rescue

On Thursday 6:40PM, Beth Reed and I responded to a radiation safety emergency in building 37, room 5D18. The emergency involved ingestion of radioactive material by a researcher who was 4 months pregnant. Immediately upon arrival to laboratory 37/5D18, Beth and I separated to handle internal contamination and contamination monitoring/control. I handled the contamination monitoring and control of the hallway, laboratory, corridors, and conference room.

Upon arrival, I established contact with Dr. Wenli Ma who was the individual contaminated with radioactive material. I started monitoring for radioactive contamination in laboratory 37/5D18 where Dr. Wenli Ma work area is located. There was no contamination detected in laboratory 37/5D18 which includes the Authorized Investigator's office. All individuals who were standing in the hallway and in laboratory 37/5D18 were monitored for contamination. No contamination was detected. After monitoring for contamination, I was approached by Dr. Wenling Zheng about contamination that he had detected in the conference room where his wife refrigerates her lunch. The conference room is located off the C corridor in room 5C25.

After being notified by Dr. Wengling Zheng about the conference room contamination, I went there and determined after surveying with a Pan GM survey meter that the area was contaminated with P-32. I monitored Dr. Wengling Zheng shoes, lab coat and hands for contamination because he had entered the area before I did. No contamination was detected. The entire conference room was monitored for further contamination and contents inside the two refrigerators inside the room were also monitored. Using a Pan GM survey meter, major contamination was detected on the carpet near the refrigerator next to the door. The contamination on the carpet was 250 Kcpm. No contamination was detected inside the refrigerators and on food containers. No contamination was detected on the table and chairs inside the room. The door to the conference room and secretarial office (5C25) were also monitored for contamination and no contamination was detected. After surveying the conference room for contamination, I monitored my shoes for contamination. No contamination was detected. I closed and locked the door to the conference room and notified Beth Reed



that additional contamination was detected in the conference room but no contamination was detected inside the refrigerators. I also informed Beth Reed that my radiation safety efforts will be concentrated in the conference room area (5C25) if she needed to contact me.

Before returning to the conference room for decontamination efforts, I monitored Dr. Wengling Zheng and his wife cloths for contamination. No contamination was detected. Also, verification was obtained from Beth Reed on whether a urine sample from Dr. Wengli was submitted and if there were additional instructions from the Radiation Safety Officer. The D corridor was monitored for contamination and housekeeping was notified that the area (D corridor, hallway connecting D and C corridors, and C corridor) was restricted and no cleaning should continue until they have received clearance from radiation safety. No contamination was detected in the D corridor, the hallway connecting the C and D corridors, and the C corridor. All trash containers and tables located in the corridors and hallway were check for contamination and no contamination was detected. The table outside of laboratory 73/5D18 in corridor D where Dr. Ma eats during her break was monitored for contamination and no contamination was detected with a Pan GM survey meter. There was no coffee mug with a centrifuge tube on the table.

After several attempts to decontaminate the conference room (5C25), the major contamination located on the carpet was marked with caution radioactive material (CRAM) tape and a restricted area perimeter was marked off with CRAM tape. The contaminated spot was covered with a piece of card board obtained from a computer box located across the room inside the conference room. Several smears were taken on items inside the conference (see attached diagram). I monitored my shoes for contamination before leaving the conference room. No contamination was detected. The secretarial office outside the conference room was monitored for contamination and no contamination was detected. Additional smears were performed in the secretarial area and the corridor floor leading into room 5C25. The conference room was posted as a restricted area stressing no entry and the door was locked. After restricting the contaminated area, I monitored the C corridor, connecting hallway, and D corridor for contamination again. No contamination was detected with a Pan GM survey meter. The Authorized Investigator, Dr. John Weinstein was notified that the area 37/5C25 conference room was restricted until further notice by the Radiation Safety Branch and that the conference room should remain locked.

After the second radiation monitoring was completed of the corridors and hallway, no contamination was detected and housekeeping was informed that they could start cleaning the area. Smears of the conference room were submitted to Beth Reed for analysis along with the urine bioassay. The survey meter I used was a Ludlum Model 2, serial # 22366, and efficiency of 24% (P-32). The calibration due date for this survey meter is 04/18/96. I left

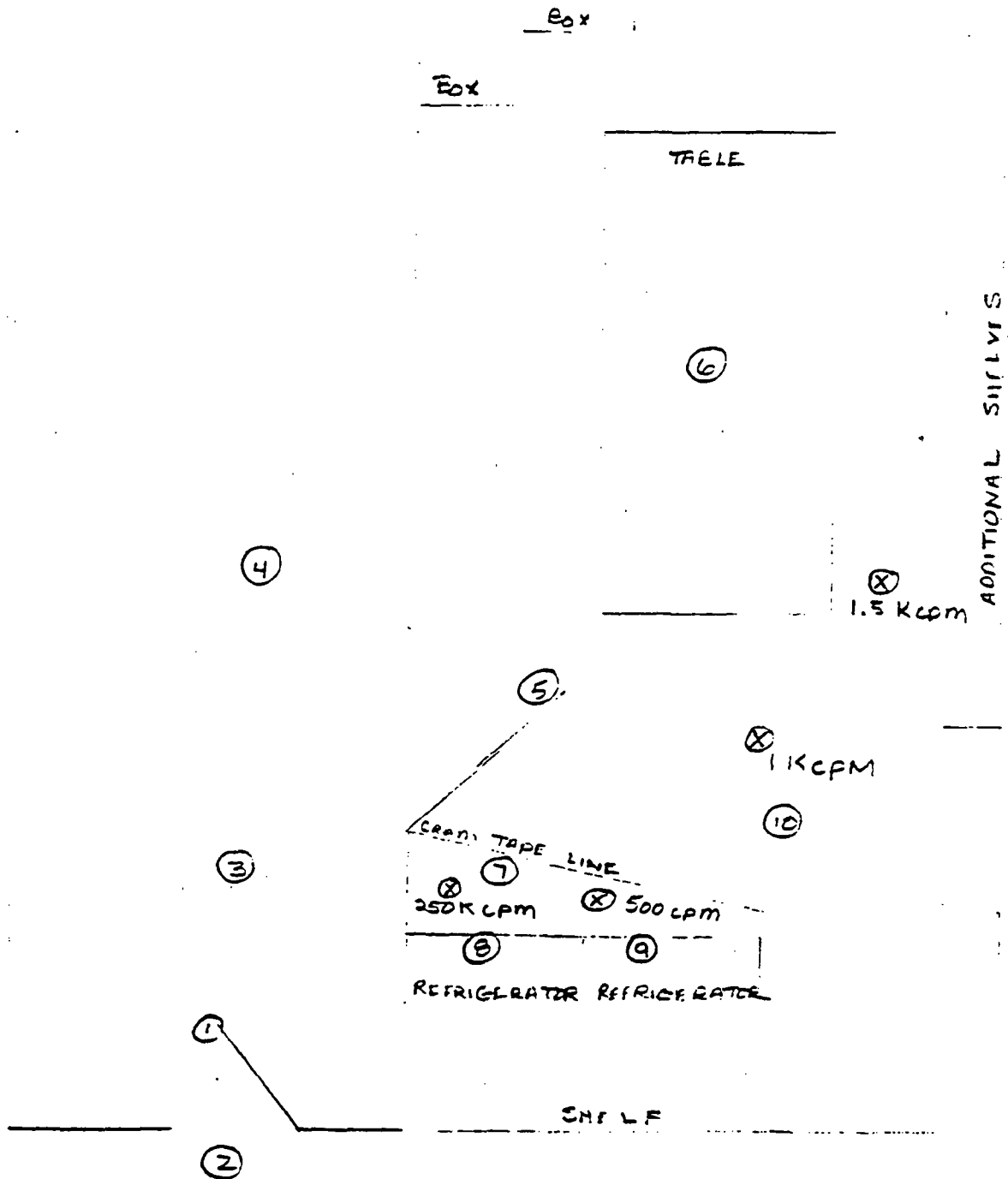
the area at approximately 9:00 PM and reported back to the Radiation Safety Branch.

# SURVEY DIAGRAM

DRAFT

SMSARS (1-10) LOCATIONS

(X) SURVEY METER DETECTION



# SAMPLE COUNTING REQUEST

Analysis #: 95-0936

Sample Submitted By: Beth Reed / George Redmond

Number of Samples: 10 + 1 Blank Sample (may have 1 or more) | Date submitted: 6/29 Time submitted: 21:00

Retain tray of samples? (Note: Sealed sources are always retained ... check one, blank = no): Yes: ☒ No: ☐

Return smear packet? (circle one, blank = no): N/A: ☒ Yes: ☐ No: ☐

|                    |                    |                                     |      |        |       |          |             |                |
|--------------------|--------------------|-------------------------------------|------|--------|-------|----------|-------------|----------------|
| Sample Description | Sample Type        | Smear                               | Swab | Liquid | Oil   | Class II | Class III   | Sealed Sources |
|                    | Check (if applic.) | <input checked="" type="checkbox"/> |      |        |       |          |             |                |
|                    | Sample Type        | Carboy Samples                      |      | Tank   | Sewer | Drum     | Mixed Waste | Verify Samples |
|                    | Check (if applic.) |                                     |      |        |       |          |             |                |
| Other:             |                    |                                     |      |        |       |          |             |                |

Check for the Following Radionuclides  
  
Be Specific, if possible

|                    |        |        |       |        |                                     |        |        |        |
|--------------------|--------|--------|-------|--------|-------------------------------------|--------|--------|--------|
| Radionuclide       | H-3    | C-14   | Na-22 | S-35   | P-32                                | P-33   | Ca-45  | Cr-51  |
| Check (if applic.) |        |        |       |        | <input checked="" type="checkbox"/> |        |        |        |
| Radionuclide       | Fe-55  | Co-57  | Co-60 | Ni-63  | Ga-67                               | Ge-68  | Se-75  | Rb-86  |
| Check (if applic.) |        |        |       |        |                                     |        |        |        |
| Radionuclide       | Tc-99m | In-111 | I-125 | I-131  | Ba-133                              | Cs-137 | Gd-153 | Lu-177 |
| Check (if applic.) |        |        |       |        |                                     |        |        |        |
| Radionuclide       | Am-195 | Bi-212 | U-238 | Am-241 | Cf-252                              | -alpha | -beta  | -gamma |
| Check (if applic.) |        |        |       |        |                                     |        |        |        |

Comments:

## EMERGENCY COUNT

For Emergencies Only ... Be Sure to Notify TSS Personnel

Date/Time Results needed: Bldg 37 P-32 ingestion

Identify emergency (NO ID. NO ASAP):

## The Section Below is for TSS Use Only

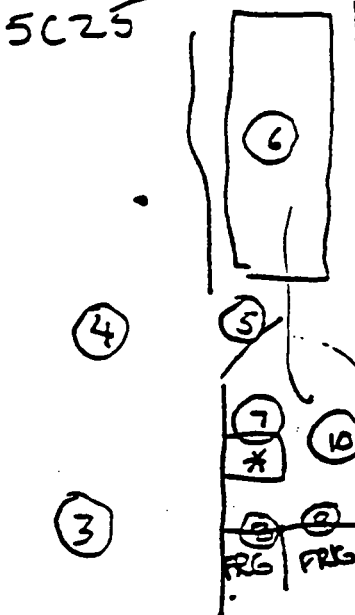
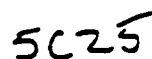
|               |                                    |                    |            |             |               |         |         |              |       |
|---------------|------------------------------------|--------------------|------------|-------------|---------------|---------|---------|--------------|-------|
| Counter Data  | Counter Used<br>Check (if applic.) | Beck-L5300 (L5300) | Beck-G2000 | Beck-L5000a | Beck-L5400    | GDR-PC1 | GDR-PC2 | Wallac-G1480 | Other |
|               |                                    |                    |            |             |               |         |         |              |       |
| Counting Time | Time Started                       |                    |            |             | Time Finished |         |         |              |       |
|               | Date:                              | Time:              | :          |             | Date:         | Time:   | :       |              |       |
| Comments:     |                                    |                    |            |             |               |         |         |              |       |

C - CORRIDOR NOT  
CONTAMINATION  
DETECTED

D-CORRIDOR NO  
CONTAMINATION  
DETECTED

WORK AREA NO  
CONTAMINATION  
DETECTED, TRASH  
NO CONTAMINATION  
DETECTED.

ON CARPET IN  
FRONT OF FOOD  
REFRIGERATOR  
ABOUT 40cm By 40cm  
CONTAMINATED AREA  
MUST RESTRICT ROOM  
DUE TO CONTAMINATION



ID: SWIPES

29 JUN 1995 11:08

AN# 95-0936  
B. Reed / G. Redmond

SYSTEM: COMMENT: REEDMAN LI-6000A  
PRESET TIME: 2.00  
DATA CALC: 7L DPM H# 1: YES SAMPLE REPEATS: 1 PRINTER: ASCII  
COUNT BLANK: NO IC# : NO REPLICATES : 1 RECD: OFF  
TWO PHASE: NO AGC : YES CYCLE REPEATS: 1  
SCINTILLATOR: LIQUID LUMEX: NO LOW SAMPLE REQ: 0  
LOW LEVEL: NO HALF LIFE CORRECTION DATE: none

ISOTOPE 1: 3H ZERROR: 0.50 FACTOR: 1.000000 BKG. SUB: 10  
ISOTOPE 2: 14C ZERROR: 0.50 FACTOR: 1.000000 BKG. SUB: 8  
ISOTOPE 3: 32P ZERROR: 0.50 FACTOR: 1.000000 BKG. SUB: 6

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: Off

Quench Limits Low: 0.500 High: 364.66

| SAM NO | POS   | TIME MIN | H#   | ISO | CORRECTED CPM | ZERROR | DPM     | EFF-1 | EFF-2 | EFF-3 | RATIO  | LUMEX % | ELAPSED TIME |
|--------|-------|----------|------|-----|---------------|--------|---------|-------|-------|-------|--------|---------|--------------|
| 1      | 1-1   | 2.00     | 49.5 | 3H  | 5.50          | 101.23 | 9.88    | 55.32 | 0.57  | 0.01  | -134.4 | 17.74   | 2.79         |
|        |       |          |      | 14C | 0.00          | 1.E+06 | -0.07   | 18.17 | 76.27 | 0.58  |        |         |              |
|        |       |          |      | 32P | 0.00          | 1.E+06 | -0.00   | 2.61  | 17.75 | 75.92 |        |         |              |
| 2      | 11-2  | 2.00     | 50.4 | 3H  | 0.00          | 1.E+06 | -0.86   | 55.53 | 0.57  | 0.01  | -0.326 | 5.99    | 5.54         |
|        |       |          |      | 14C | 2.00          | 223.61 | 2.63    | 18.17 | 76.23 | 0.58  |        |         |              |
|        |       |          |      | 32P | 0.00          | 1.E+06 | -0.02   | 2.61  | 17.75 | 75.91 |        |         |              |
| 3      | 11-3  | 2.00     | 54.6 | 3H  | 0.50          | 916.52 | 0.92    | 54.69 | 0.56  | 0.01  | -135.9 | 3.66    | 8.29         |
|        |       |          |      | 14C | 0.00          | 1.E+06 | -0.01   | 18.20 | 76.01 | 0.58  |        |         |              |
|        |       |          |      | 32P | 0.00          | 1.E+06 | -0.00   | 2.61  | 17.73 | 75.87 |        |         |              |
| 4      | 11-4  | 2.00     | 54.2 | 3H  | 0.00          | 1.E+06 | -1.64   | 54.77 | 0.56  | 0.01  | -1.307 | 1.43    | 11.12        |
|        |       |          |      | 14C | 5.50          | 94.46  | 1.26    | 18.20 | 76.03 | 0.58  |        |         |              |
|        |       |          |      | 32P | 19.50         | 36.62  | 25.70   | 2.61  | 17.73 | 75.86 |        |         |              |
| 5      | 11-5  | 2.00     | 46.3 | 3H  | 0.00          | 1.E+06 | -0.81   | 56.08 | 0.57  | 0.01  | 0.412  | 1.05    | 13.97        |
|        |       |          |      | 14C | 4.00          | 122.47 | -1.96   | 18.16 | 76.34 | 0.58  |        |         |              |
|        |       |          |      | 32P | 23.50         | 31.89  | 30.98   | 2.61  | 17.76 | 75.94 |        |         |              |
| 6      | 11-6  | 2.00     | 53.9 | 3H  | 0.00          | 1.E+06 | -0.38   | 54.86 | 0.56  | 0.01  | -0.441 | 2.45    | 16.72        |
|        |       |          |      | 14C | 1.00          | 424.26 | 0.86    | 18.20 | 76.05 | 0.58  |        |         |              |
|        |       |          |      | 32P | 1.50          | 258.20 | 1.97    | 2.61  | 17.73 | 75.86 |        |         |              |
| 7      | 11-7  | 2.00     | 51.4 | 3H  | 19.00         | 40.08  | -27.05  | 55.40 | 0.57  | 0.01  | 0.348  | 0.03    | 19.48        |
|        |       |          |      | 14C | 268.00        | 0.77   | -77.84  | 18.18 | 76.13 | 0.58  |        |         |              |
|        |       |          |      | 32P | 1400.50       | 3.75   | 1846.83 | 2.61  | 17.74 | 75.90 |        |         |              |
| 8      | 11-8  | 2.00     | 57.4 | 3H  | 2.50          | 200.00 | 4.66    | 54.05 | 0.56  | 0.01  | -3.802 | 1.67    | 22.44        |
|        |       |          |      | 14C | 0.50          | 824.62 | -1.22   | 18.22 | 75.87 | 0.59  |        |         |              |
|        |       |          |      | 32P | 6.00          | 81.65  | 7.92    | 2.61  | 17.72 | 75.85 |        |         |              |
| 9      | 11-9  | 2.00     | 53.1 | 3H  | 1.50          | 319.72 | 3.10    | 55.03 | 0.56  | 0.01  | -1.054 | 1.25    | 25.19        |
|        |       |          |      | 14C | 0.00          | 1.E+06 | -2.95   | 18.19 | 76.09 | 0.58  |        |         |              |
|        |       |          |      | 32P | 9.50          | 58.51  | 12.55   | 2.61  | 17.73 | 75.89 |        |         |              |
| 10     | 11-10 | 2.00     | 62.6 | 3H  | 4.50          | 119.67 | 7.81    | 52.84 | 0.55  | 0.01  | -2.646 | 0.74    | 26.14        |
|        |       |          |      | 14C | 4.00          | 122.47 | -2.95   | 18.26 | 75.63 | 0.59  |        |         |              |
|        |       |          |      | 32P | 26.50         | 30.42  | 35.00   | 2.61  | 17.69 | 75.82 |        |         |              |
| 12     | 11-12 | 2.00     | 47.3 | 3H  | 0.00          | 1.E+06 | 0.00    | 56.30 | 0.57  | 0.01  | 0.000  | 4.05    | 30.91        |
|        |       |          |      | 14C | 0.00          | 1.E+06 | 0.00    | 18.15 | 76.39 | 0.58  |        |         |              |
|        |       |          |      | 32P | 0.00          | 1.E+06 | 0.00    | 2.61  | 17.76 | 75.95 |        |         |              |

MISSING SAMPLE

Blank

LAD  
SMARS  
37

*[Signature]*

*[Signature]*

*[Signature]*

Do not  
Dispose

# EXHIBIT 20

REPORT OF INTERVIEW  
WITH  
GEORGE REDMOND

On December 7, 1995, George REDMOND, Health Physicist, at the National Institutes of Health (NIH), was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna and NIH Police Department (NIHPD) Detective Jody LUKE. The interview was conducted at the NIHPD, located at Building 31, Bethesda, MD. The interview started at approximately 9:15 a.m. and no other persons were present. The interview was conducted to determine REDMOND's knowledge of the contamination incident at NIH in which Wenli MA was contaminated with phosphorus-32 (P-32). REDMOND provided the following information in response to questions.

REDMOND resides at [REDACTED] and he has been employed at NIH for approximately 5 years. His telephone number at work is 301-496-5775. His date of birth is [REDACTED] and his Social Security Number is [REDACTED]. He received his B.S. in Physics from the University of the District of Columbia, and he anticipates receiving his M.S. in [REDACTED] from George Washington University. He works for the NIH Radiation Safety Branch (RSB) and his supervisor is Robert ZOOM.

He acknowledged that he was previously interviewed by the NIHPD and the Federal Bureau of Investigation regarding the contamination of MA. He also acknowledged that he submitted a statement to the NIHPD and the statement is accurate.

In addition, to his written statement to the NIHPD, REDMOND said that on June 29, 1995, at approximately 6:00 p.m., Victor LACY, a coworker, notified him that Nancy NEWMAN, Chief Radiation Safety Officer at NIH, was on the telephone and wanted to speak to him. He said that when he answered the telephone, another person (not further identified) was on the telephone with NEWMAN. He assumed the unidentified person was already at Building 37 because they were very excited about a potential contamination incident. The telephone call was very short in length. He was told that a potential internal radiation contamination incident had occurred at Building 37, and he was instructed by NEWMAN to respond to the incident. P-32 was not mentioned during the three-way conversation.

As he was preparing to respond to Building 37, by retrieving the spill and skin contamination kit, he received another telephone call from Shawn GOOGINS, NIH, RSB, Chief of Technical Services Section. According to REDMOND, GOOGINS told him and Beth REED, another RSB Health Physicist, to respond to the Occupational Medical Services (OMS) at the NIH Hospital because the contaminated person was being transported to that location. After responding to OMS, REED and REDMOND learned that the contaminated person was still located at Building 37. REDMOND said that he and REED then responded to Building 37 and arrived at approximately 6:40 p.m.

When he arrived at Building 37, the ambulance personnel (described as a black woman and a white man), Wenling ZHENG, MA, and John WEINSTEIN were present. There was a lot of hysteria in the laboratory (5D18) with a lot of people talking at once. He said that he surveyed the room for contamination with



negative results. After a short period of time, he was approached by ZHENG and told that the conference room (5C25) was contaminated. He and REED decided that he would assume the responsibility for surveying 5C25 and REED would stay with MA.

He went directly to 5C25 with ZHENG. He does not recall any other people being present in the room. ZHENG directed him to a contaminated spot near the refrigerator, and ZHENG departed the room. He recalls Guang LI, another researcher from WEINSTEIN's laboratory, attempting to enter 5C25, but he directed LI not to enter the room. He said that he spent about 45 minutes surveying 5C25 and then surveyed the corridor outside 5C25, working his way back to 5D18. He spent about 5 minutes surveying 5D18 a second time, and then surveyed the hallway outside 5D18. He surveyed about 50% of the hallway, including the table outside 5D18.

INVESTIGATOR'S NOTE: On the table a coffee cup containing a centrifuge tube, with a small quantity of P-32 and phosphorus-33, was allegedly found by WEINSTEIN after REDMOND and REED departed the building.

REDMOND surveyed past the table going up about 50% of the hallway and then worked his way back to 5C25. According to REDMOND, he surveyed the table twice and he does not recall any coffee cup being on the table. He claimed that if a coffee cup was on the table he would have surveyed the cup because he is trained to survey where people place their hands.

When he reached "C" hallway, he surveyed about 50% of that hallway and then returned to 5C25 and continued his survey of 5C25. At approximately 7:30/7:45 p.m., he arrived at 5C25 to continue his survey. During this survey of 5C25, he tore an end flap from a cardboard computer box that was in the corner of the room and placed the end flap on the contaminated spot in front of the refrigerator.

He recalls REED entering 5C25 to advise him that she was returning to the RSB, and he continued his surveying in 5C25. Just prior to 9:00 p.m., he departed 5C25 and returned to 5D18 to say good-bye to WEINSTEIN. According to REDMOND, WEINSTEIN was still in the laboratory.

REDMOND does not recall detecting any contamination on any clothing of any person at Building 37, including the shoes of a researcher. REDMOND was told that a researcher claimed that when REDMOND arrived at 5C25 there were three researchers surveying the room. However, REDMOND could not recall the researcher's claimed scenario.

REDMOND said that he knew that P-32 was the contaminate before extensive tests were conducted because of his experience, and what he considered an educated guess. He based his conclusions on the type of survey meter that he was using to detect the contamination, and the fact that the researchers in 5D18 had used P-32 in the past.

The interview was terminated at approximately 10:25 a.m.

This interview was reported on December 8, 1995.

Reported by:



Gerard Kenna, Special Agent  
Office of Investigations  
Field Office, Region I



Case No. 1-95-033

3

EXHIBIT 20  
PAGE 3 OF 3 PAGE(S)

# EXHIBIT 21

## DECLARATION OF JOHN N. WEINSTEIN, M.D., Ph.D.

I, John N. Weinstein, M.D., Ph.D., having first been duly sworn under oath in accordance with the law, and having personal knowledge of the facts contained herein, state as follows:

### I. Introduction

I am a Senior Research Investigator at the National Institutes of Health (NIH), where I have been doing biomedical research for 22 years. I acted as supervisor and mentor to Drs. Wenling Zheng and Wenli Ma during their program of training in the Laboratory of Molecular Pharmacology of the National Cancer Institute (NCI), NIH, starting in August of 1994. After obtaining an M.D. and a Ph.D. in Biophysics at Harvard University in 1971, I did an internship and junior residency in Medicine at the Stanford University Medical Center before coming to the NIH. My research history includes approximately 150 publications (including 8 first authored contributions in the journal Science). Most of these publications have related to our search for new treatments for cancer and AIDS.

I was at the time, and remain, deeply disturbed about Dr. Ma's contamination and about the concern that it has caused Dr. Ma and Dr. Zheng. I was relieved to hear the expert opinions shortly after the event that she and her expected baby were unlikely to suffer any ill effects, and I am very pleased that she and the baby appear to be doing well now.

While recognizing how upset Dr. Ma and Dr. Zheng were, however, I am disappointed that they and their attorneys chose to attack me in this unprovoked way, and also to attack the NIH and the health professionals who cared for Dr. Ma. I did my best for Dr. Zheng and Dr. Ma, both before and after the incident, and I feel certain that everyone else involved did the same.

As can be documented, it took a major effort on my part over many months to bring them to this country and give them the opportunity to train in our research group at the NIH. Throughout their stay in the laboratory, I consistently tried to further their careers and respect their needs and interests as individuals -- as I do for everyone in the research group. At the time of the contamination, my group included four ethnically Chinese researchers, an Australian, and an African-American. An additional Chinese postdoctoral Fellow joined the group this October. I have always found diversity of culture, nationality, and life experience to be stimulating and rewarding aspects of the milieu at NIH, and I am committed to maintaining that diversity in the group. My particular enthusiasm for Chinese, Japanese, and Indian history and cultures (as well as for cooperation with scientists from those countries) is well known to my colleagues.

The long list of allegations and insinuations against me in the petition (pursuant to 10 CFR Sec. 2.206) would appear to go well beyond issues of regulatory interest. These incorrect, misleading, and often irrelevant charges have been, and will continue to be,

dealt with in the appropriate way. That is, specifics of conversations and events have been provided to the agencies investigating the episode, including the NIH, NRC, and FBI. I have done my best to assist those investigations and would have preferred that they proceed unimpeded by unnecessary publicity. The baseless allegations and insinuations in this petition have been a continuing source of serious pain and hardship for me, for my wife, and for our families. They have also profoundly disrupted the work of my research group (and others at NIH) aimed at new treatments for cancer and AIDS.

## II. Responses

1. Particularly puzzling are statements in the petition that I "required Drs. Ma and Zheng to work tirelessly," that they were "nervous about notifying [me] of Dr. Ma's pregnancy," and that they, in fact, did not tell me for almost 2 months. This picture of my relationship to members of the research group is *directly contradicted* by the experience of other young researchers, as stated, for example, in a Letter to the Editor of Cancer Letter (vol. 21, no. 46, Dec. 1, 1995) written by 8 of my former postdoctoral fellows (appended as Exhibit 1). It reads, in part:

*"We were shocked when we heard the complainants' allegations against Dr. Weinstein, their supervisor. The complainants and their attorneys go to great lengths to depict Dr. Weinstein as a heartless taskmaster, ruthlessly obsessed with advancing his own career.*

*This depiction runs counter to our experience in Dr. Weinstein's lab.*

*Dr. Weinstein has always shown tremendous respect for all his postdoctoral [sic] fellows, treating us as colleagues rather than subordinates, and never playing favorites. We were given considerable freedom to set our work hours, and Dr. Weinstein had a liberal attitude in allowing us to take time off for vacations, family illnesses, and other personal matters.*

*Always concerned to create a cordial atmosphere in the laboratory, John frequently held dinner parties and other gatherings at his home. His positive attitude and excitement about curing cancer are refreshing in the "publish or perish" world of academic research.*

*As a scientific mentor, he did an outstanding job of nurturing our scientific and career development. Moreover, he took a profound personal interest in each of us. In short, we have found him to be an excellent scientist and mentor as well as a valued friend.*

*While the contamination incident is a puzzle to us, we can testify with certainty that the complainants' portrait of Dr. Weinstein is totally inconsistent with his caring nature and good character."*

In accord with these comments from former postdoctoral fellows, my Commissioned Officers' Effectiveness Report of June 1995 calls me "an extraordinarily skillful supervisor" (see Exhibit 10).

Also appended (as Exhibits 2 - 9) are letters making the same point from individual former postdoctoral fellows. Directly pertinent portions of those letters include the following:

*"...you encouraged everyone in the laboratory to set his or her own work schedule."  
(From Exhibit 6)*

*"As a former postdoc of yours who helped in the orientation of Maryann and her husband upon their arrival from China, before I left the lab, I know the respect and sensitivity you accorded them, and the professional manner with which you treated them. As you have always done with all of us who worked with you, they had the complete liberty to set their own working schedule*

*I was the was the [sic] postdoc from whom they took over the RNA project while I was leaving the lab for my present professorship position. Your attitude towards me was without any force. You were enthusiastic about the project, but you gave me the freedom to work according to my own schedule." (From Exhibit 7)*

*"All of your post-docs have worked nights and weekends on occasion, but we did it because we were motivated, not because we were forced to! You never told me how many hours I should work, and I was free to take vacation days at my choosing, provided I stayed within NIH guidelines...During my tenure at the NIH (Fall 1992 to Fall 1995) I never heard anyone in our lab (Bill and Maryann included) complain that you overworked them or treated them poorly." (From Exhibit 3)*

*"Yes, this is the very important point to state that YOU NEVER FORCED TO DO ANYTHING." (From Exhibit 2)*

*"Despite of the high scientific interest of the work undergoing in your lab, including research on cancer and AIDS treatment, people always had the freedom to set their own working hours. I had, and still have, a quite unusual working schedule, which, I know, would be unacceptable at many places. But I can not recall a single incident when you put pressure on me, or even implied to work more or harder. You used motivation rather than pressure to create a vibrating scientific atmosphere." (From Exhibit 4)*

*"The working atmosphere in your lab was always like an extended family." (From Exhibit 8)*

*"You never forced any scientist working in the laboratory to do anything the scientist didn't want to do...As a scientist I have worked evenings and weekends on my own and you never forced me or anybody in the laboratory to work late evenings or weekends." (From Exhibit 9)*

*"To tell you the truth, John, I always wished that there was an opportunity to work permanently in your lab. John, I felt so comfortable and thoroughly enjoyed working for you, the freedom you gave me to set my own working schedule, and your availability to*

*discuss the progress of ongoing projects. When it comes to giving credit for the work done by the staff and collaborators, John, you are the top." (From Exhibit 8)*

2. Equally puzzling is the suggestion that I would be upset and try to urge or coerce abortion for a postdoctoral fellow because she planned to take 6 weeks of maternity leave. That is absolutely untrue, and also preposterous on its face. Again, the letters from former postdoctoral fellows say it better than I could:

*"I joined your laboratory in the [sic] October of 1988 and I needed to go to India within a month of my joining. You immediately consented, a gesture which showed how flexible and considerate you are in understanding the needs of fellow scientists from other countries." (From Exhibit 5)*

*"I recall that early in the year I took a substantial vacation to Canada (according to NIH guidelines), I didn't sense any pressure from you not to go....In all the time I spent in your lab I never once saw an inkling of force with regard to your dealings with any of the postdocs or students who worked with you. I can vouch for you without hesitation that you are the most sensitive and caring supervisor I have had in all my 11 years of graduate education and training." (From Exhibit 7)*

*"My only child, Katya, was born while I was working with you at NIH. You readily granted the time I needed to take off for attending my wife and child." (From Exhibit 5)*

*"...you were very generous by letting me take substantial vacations multiple times during my fellowship." (From Exhibit 4)*

3. Dr. Zheng and Dr. Ma joined the laboratory in August 1994. As is customary in our research group (and documentable from my correspondence with them), they were given a choice of possible research projects within the overall program. They chose to continue the work on an RNA project based on an idea that I had had the previous year and that had been started by another postdoctoral fellow, Dr. John Buolamwini, who was leaving to take up a university professorship. Overall, there are about half a dozen projects being conducted by individuals in the group. I consider all of these projects to be important. Otherwise, I would not encourage young researchers to take them up. I also encourage all of these trainees to feel that their time and energies are important -- that, for example, they should not be so parsimonious in requesting materials as to hamper their research efforts. That was the context of any discussion I had with Dr. Ma and Dr. Zheng about the importance of their work. It had nothing to do with pregnancy or maternity leave.

My bibliography (and the group's) lists 27 manuscripts submitted, in press, or published in 1994-5. One of these (submitted but not yet published) relates to the RNA project that Dr. Zheng and Dr. Ma were working on. The order of authors on that manuscript is Zheng followed by Ma followed by Weinstein. Among the other manuscripts published during this period (and unrelated to the RNA project) are articles in good quality peer-

reviewed journals including Science, the Proceedings of the National Academy of Sciences, the Journal of the National Cancer Institute, Cancer Research, the Journal of Medicinal Chemistry, the Journal of Clinical Investigation, Antimicrobial Agents and Chemotherapy, and Antiviral Research.

4. The project on which Dr. Ma and Dr. Zheng worked was based on an idea I had in 1993 and formalized in an NIH Invention Disclosure submitted to the NCI Office of Technology Development (OTD) on June 9, 1994. As stated above, work on it was begun by Dr. John K. Buolamwini before his departure for a professorship. Drs. Zheng and Ma did not arrive in the laboratory or know details of the project until August of 1994. They apparently came to believe sometime early in 1995 that a patent application had been filed on the work without their knowledge. As can be verified by the OTD, there was no such filing. As to the suggestion that I wanted them to work tirelessly or for Dr. Ma to terminate her pregnancy because of patent issues, that is again entirely inconsistent with the low priority I have clearly and documentably given to patenting this idea. It is also inconsistent with my history, as reflected, for example, in Exhibits 2, 11, and 12.

5. With respect to training in radiation safety for Dr. Ma and Dr. Zheng: On their arrival, I instructed them to register with the Radiation Safety Branch and take the radiation safety course as soon as possible, as I do with all new personnel who might have a reason to use radioactive materials. On my instructions, Dr. John Buolamwini oriented them in the use of radioactive materials, including ordering procedures, isotope handling, solid and liquid waste disposal, storage, and security. At a later date, Dr. Joseph Casciari showed them how to swab surfaces for contamination.

6. No P-32 was ordered for our research group after January 1995, and P-32 has a radioactive half-life of only about 14 days. Hence, the contaminating P-32 came from elsewhere. Attempts in the petition to link the contamination to issues of the security of radioactive materials in my laboratory are therefore baseless.

7. The only reason that termination of pregnancy came up in my conversations with Dr. Zheng and/or Dr. Ma was that Dr. Zheng brought it up on at least two occasions. I have discussed the content of those conversations with the Federal investigators. At no time did I attempt "to pressure them to abort the pregnancy" nor would I think of doing so. The allegations make no sense when viewed in terms of my history or relations with others I have mentored (see Exhibits 1-9). As for statements like "the baby should be worried" and the "baby must be worried" that are attributed to me in the petition, I do not know what they could mean. Certainly, I would not speak that way, so there must be some profound error in understanding. Furthermore, it is ridiculous to think that I would say their expected baby "would not be safe" because their experiments had involved



radiation, since the only isotope either of them had been using during the pregnancy, to the best of my knowledge, was P-33.

8. I obtained the Declaration of Pregnancy form and presented it to Dr. Zheng and Dr. Ma, explaining that, as far as I understood, Declaration would require only an interview and a little paperwork. I *encouraged* them to make the Declaration; the allegation that I tried to dissuade them is simply incorrect. I do not know what could be meant in the petition by the idea that declaring pregnancy would "cause trouble for the lab." Clearly, it would have required absolutely no changes since no isotopes that result in a significant fetal dose were being used, even by Dr. Zheng. I had accepted and respected Dr. Ma's decision not to use even P-33 when told of it.

9. As a concerned mentor, I naturally went to Holy Cross Hospital on the evening of June 29, to provide what comfort and reassurance I could to Dr. Ma and Dr. Zheng. I did, in fact, try to reassure them, contrary to statements in the petition. My history of helping friends and colleagues when they have medical or other problems is indicated in Exhibit 4 and also in Exhibits 13-15, which are letters I have received in the wake of the publicity generated by Dr. Zheng and Dr. Ma's press conference in October. Overall, I have received over a dozen letters in a similar vein. With respect to the collection of urine, I made a suggestion whose clear aim was to increase the amount of information available to determine radiation dose: In particular, I suggested that each urine collection, at least during the hospitalization, be saved separately so that more time points would be available for modeling the time course of radiation exposure. I also noted that the same could be accomplished by saving a small sample from each collection (and recording the volume collected), separate from the continuing 24-hour collection. Either procedure, if followed, would result in the availability of more information and no loss of urine. This was a suggestion only. I had no standing at Holy Cross Hospital to give orders and had no intention of trying to do so.

10. Footnote 8 of the petition is categorically and verifiably incorrect. I have not said that Dr. Zheng and Dr. Ma already have a child, to Dr. Bonner or anyone else.

11. I disagree strongly with many of Dr. Zheng's and Dr. Ma's descriptions and interpretations (as contained in the petition) of events surrounding the contamination and its discovery. However, I will not go through the list of such instances here because many of them are directly related to the ongoing Federal investigation, with which I will continue to cooperate in every way I can.

### III. In conclusion

As stated at the outset, I am deeply disturbed that Dr. Ma suffered this contamination and sympathize with her for the concern that it has caused. I am very pleased that she and her baby are doing well. However, I am also profoundly disappointed by the unwarranted attacks on me personally and professionally, as well as on the NIH and on the health professionals who cared for Dr. Ma. For me, for my wife, and for our families, this has been a very painful experience. It has also been disruptive to the work of my group on treatment of cancer and AIDS -- and, unfortunately, disruptive to the important work of others at the NIH as well.

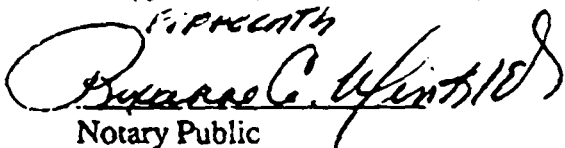
#### IV. Exhibits

Exhibit 1: Letter to the Editor of *Cancer Letter* by 8 former postdoctoral fellows.  
Exhibits 2-9: Letters from individual former postdoctoral fellows  
Exhibit 10: Commissioned Officers' Efficiency Report of June 1995  
Exhibits 11-15: Pertinent letters from colleagues and friends

I declare, under penalty of perjury, that the foregoing statements are true and correct to the best of my knowledge and belief.

  
JOHN N. WEINSTEIN, M.D., PH.D.

Subscribed and sworn to before me,  
this 15<sup>th</sup> day of December 1995.

  
Notary Public

My commission expires 6-1-99

THE

**CANCER  
LETTER****FAX**Vol. 21 No. 46  
Dec. 1, 1995© Copyright 1995 The Cancer Letter Inc.  
Price \$255 Per Year US  
\$280 Per Year Elsewhere**Letter to the Editor****Weinstein's Former Fellows  
"Shocked" At Allegations****To the Editor:**

As former post-doctoral fellows in the laboratory headed by Dr. John Weinstein, we are grateful to The Cancer Letter for providing even-handed coverage of the recent radiation incident at NIH (The Cancer Letter, Nov. 3).

We were shocked when we heard the complainants' allegations against Dr. Weinstein, their supervisor. The complainants and their attorneys go to great lengths to depict Dr. Weinstein as a heartless taskmaster, ruthlessly obsessed with advancing his own career.

This depiction runs counter to our experience in Dr. Weinstein's lab.

Dr. Weinstein has always shown tremendous respect for all his postdoctoral fellows, treating us as colleagues rather than subordinates, and never playing favorites. We were given considerable freedom to set our work hours, and Dr. Weinstein had a liberal attitude in allowing us to take time off for vacations, family illnesses, and other personal matters.

Always concerned to create a cordial atmosphere in the laboratory, John frequently held dinner parties and other gatherings at his home. His positive attitude and excitement about curing cancer are refreshing in the "publish or perish" world of academic research.

As a scientific mentor, he did an outstanding job of nurturing our scientific and career development. Moreover, he took a profound personal interest in each of us. In short, we have found him to be an excellent scientist and mentor as well as a valued friend.

While the contamination incident is a puzzle to us, we can testify with certainty that the complainants' portrait of Dr. Weinstein is totally inconsistent with his caring nature and good character.

**Joseph Casciari**

Center for the Improvement of Human Functioning  
International

**John Buolamwini**

Univ. of Mississippi Dept. of Medicinal Chemistry

**Miklos Peterfy**

Amgen Corp.

**Krishnamachari Raghavan**

Biosym Technologies Inc.

**Guru Bethgeri**

Auburn Univ. Dept. of Pharmacologic Sciences

**William van Osdol**

Alza Corp.

**Kenji Fujimori**

Shapporo Medical Univ. Dept. of Radiology

**Janos Szebeni**

Walter Reed Army Institute for Research

EXHIBIT

PAGE 8 OF 35 PAGE(S)

Kenji Fujimori, M.D., Ph.D.

10/30/95

John Weinstein, M.D., Ph.D.

Dear John,

It was very much shocked to read the article about <sup>32</sup>P accident in the newspaper (Washington Post, Oct. 10th) and I am writing this letter to express my strongest support for you. I can say these absurd allegations and complaints issued by Maryann Wenli Ma and Bill Wenling Zheng against you are just false because I know you and I believe you and your personality.

For whom ever it may concern, I can state that you are always, no exception, polite and right because I know you very well. I worked for you as a visiting fellow, from August 1987 to September 1990, and I spent the most meaningful time in my research career. In the lab, you were always very kind and helpful to me and other lab members, Janos and Betagcri in that time. You always tried to provide excellent working conditions and I could not say any complaint about your management style. You worked very hard but you never forced us to do so. Yes, this is the very important point to state that **YOU NEVER FORCED TO DO ANYTHING**. I can proudly say that you are the best boss in the every respect in my reserach career.

In my personal life, you were always very kind to me and my wife, Keiko, and we could totally lean on you whenever we had difficulties in the life at the USA. Even when you were very busy and behind the time, you were always concerned for us. We can say this the personal issue is the first priority for you and you are the last person to work for fame or money. We did not have a baby at that time but we can easily believe that you would be very much concerned for our baby because we know your

personality. You are the man who can not harm a human being. Yes, this is another very important point to state that YOU NEVER WORK FOR FAME OR MONEY.

After returning to Japan, whenever I and Keiko talk about the wonderful life in the USA, we recall having good time with you. You are the best friend as well as the best mentor we ever have. If there is any need to make a public statement on your behalf, I will just be there. A sixteen hours flight is nothing to me if I can serve as a character witness. OK, John, I and Keiko know you are perfectly innocent and this absurd allegations will be dismissed very soon. Take care and don't give up! Please give our best wish to Juliet.

Sincerely,

Kenji Fujimori

DR. JOSEPH CASCIARI  
[REDACTED]

October 19, 1995

John N. Weinstein  
[REDACTED]

Dear John,

Hello! I hope everything is going smoothly for you and the gang in the lab. I am writing this letter as a show of support in the wake of the recent press release and federal complaint issued by Maryann Wenli Ma and Bill Wenling Zheng. I cannot reconcile the things I have read about this complain in the newspaper (Washington Post, October 10th via CompuServe) with the caring and professional way you have treated all your post-docs during my tenure as a IRTA fellow in your laboratory. I thus decided to write you this letter to state just some of things you did to make my tenure at the NIH such a positive experience.


One of the things that I enjoyed most about working with you was that you motivated people by generating enthusiasm, not fear. I found your positive attitude and excitement about curing cancer refreshing in the "publish or perish" world of academic research. You always treated your post-docs with the tremendous respect. In the nearly three years I spent in your labs, I never once heard you raise your voice at, belittle, or scold an employee. Your approach has always been to give us interesting projects to do, to give us the resources we needed to do them, and to be there for us when we got stuck. The NIH is a high pressure place, but it is also a place of great opportunity. All of your post-docs have worked nights and weekends on occasion, but we did it because we were motivated, not because we were forced to! You never told me how many hours I should work, and I was free to take vacation days at my choosing, provided I stayed within NIH guidelines. I appreciated this kind of independence, and I was grateful that you chose to treat me as an equal, not an underling. During my tenure at the NIH (Fall 1992 to Fall 1995) I never heard anyone in our lab (Bill and Maryann included) complain that you overworked them or treated them poorly.

In addition to providing excellent working conditions, you also treat people with kindness. Your generosity in holding lab picnics, dinners, and pizza parties provided a nice boost for lab morale, and you always treated us with respect during lab meetings. Moreover, I owe you a special thanks for several things you have done personally on my behalf. As you know, this year was a difficult one for me personally, with my wife finding a job in Kansas while I stayed Maryland to finish my project, job hunt and make career decisions. Your

frequent counseling sessions really helped me sort things out, and your letter of reference was instrumental in securing me a full time research position here in Wichita. You would frequently stop to ask me how my life (not just my research) was going and you were very generous in allowing me to take time off to visit my wife. I also remember how you stood by me when collaborators attempted to undercut my efforts to publish my results, putting your political standing with peers and program chiefs at risk to insure that I was treated fairly. You have always treated me with fairness and compassion, and I saw no evidence during my tenure at the NIH that you treated anyone else differently.

In short, you've done right by me, and I consider you a friend as well as a mentor. I would be glad to make a public statement on your behalf or to serve as a character witness, if it should become necessary. In the meantime, rest assured that those who know you, and know the content of your character, will not have their opinions of you altered by these accusations. Take care and give my best regards to Juliet.

Sincerely,



Joseph Caselari

*Miklos Peterfy, Ph.D.*

[REDACTED]

November 31, 1995

John N. Weinstein, M.D., Ph.D.

[REDACTED]

Dear John:

I am writing you on the occasion of recent allegations against you with respect to the contamination case at NIH. I was shocked to read the newspaper reports (The Washington Post, Bethesda Gazette), and learned about the details in great disbelief. I don't believe the allegations even for a fraction of a second, because they contradict so profoundly to the character I knew as John Weinstein. For me, who spent more than two years in your lab as a postdoc, the accusations against you are absurd and out of character. To illustrate this, I decided to make a few comments, regarding my experiences in your lab, that might be relevant in this case.

The first positive experience I had in this country, after arriving from Hungary, was to find an unexpectedly friendly and caring supervisor. You had a very good sense of what kind of support and special attention somebody from a faraway country needs, and you fully provided it, making the, otherwise painful, initial adjustment process easy. I recall an instance at the beginning of my fellowship, when you escorted and waited for me during a routine blood draw at the Occupational Safety Office. Ridiculous as it may sound now, this small sign of care has meant a lot for someone with uncertainties and communication barriers!

Another thing I will never forget is the effort you made to find a job for my wife, whom you did not even know personally at that time. You took the time to make phonecalls, revive connections and review applications, for which both Krisztina and I owe you special thanks.

Your lab has always been a multiethnic, multicultural "melting pot". I was amazed how much respect, empathy and patience you practiced while dealing with all of our different temperaments and attitudes. You showed unconditional support for your people in countless occasions, which helped to create a positive resonance between you and the postdocs, often missing from high profile research labs.

Despite of the high scientific interest of the work undergoing in your lab, including research on cancer and AIDS treatment, people always had the freedom to set their own working hours. I had, and still have, a quite unusual working schedule, which, I know, would be unacceptable at many places. But I can not recall a single incident when you put pressure on me, or even



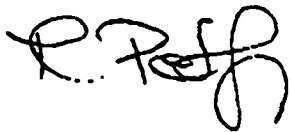
implied to work more or harder. You used motivation rather than pressure to create a vibrating scientific atmosphere. In addition, you were very generous by letting me take substantial vacations multiple times during my fellowship.

Since I regularly used various hazardous materials during the course of my work in your lab, I had a chance to assess your attitude towards health hazards and safety measures. I must say, that I have not seen a more safety conscious person than you in my scientific career so far. I recall several instances, when you were wearing a face mask and avoiding hand shaking during a flu, just to prevent infecting others. In an other occasion you suggested using protecting shield when working with  $^{35}\text{S}$  radioisotope containing sequencing gels, which is normally not a requirement, just to reduce my exposure to radiation.

I hope, that the short notes above, regarding various aspects of our relationship, at least partly explain why I consider my Visiting Fellowship in your lab an extremely rewarding and positive experience, both scientifically and personally. If I had to characterize you with three words, those would be: integrity, respect of others, and devotion to cure disease. This is why it is especially bizarr and painful for me to see you being accused of dishonesty, and immoral, unethical conduct. Please, accept my full support in these difficult times, extended with Krisztina's.

Best regards to Juliet.

Yours sincerely,



Miklos Peterfy

Vellarkad N. Viswanadhan

[REDACTED]

John N. Weinstein

Oct. 31st 1995

[REDACTED]

Dear John,

No words can fully describe the profound sadness, shock and disbelief I felt about the terrible allegations made against you in the context of the P32 incident at the National Institutes of Health. Unfortunately, I came to know about these accusations only yesterday and therefore I am writing you to express my sincere respect and admiration for an individual who is extraordinarily considerate to colleagues and treats everyone associated with him as a member of his own family.

I joined your laboratory in the October of 1988 and I needed to go to India within a month of my joining. You immediately consented, a gesture which showed how flexible and considerate you are in understanding the needs of fellow scientists from other countries. You radiated tremendous enthusiasm towards research and inspired me to accomplish scientific goals and establish my career in the area of drug design and development. You were always present whenever I needed some help and advice, personal or professional. When my sister in India was struck with schizophrenia, the concern you showed for her and for my feelings was truly remarkable. You regularly held meetings with postdoctoral colleagues offering help and resolving any conflicts among us. You are specially talented to elicit the best out of colleagues by bestowing them with loving care, rather than by authority and I have always been impressed by this quality.

I was working with you when my wife, Rajeshree Viswanadhan, arrived in the USA for the first time and she was new to the American culture and ways. Luckily for her, you and Juliette invited us numerous times to your home and shared with us your deep knowledge on a wide variety of subjects. This gave her much-

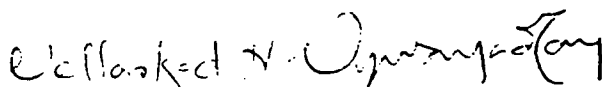
needed introduction into the various aspects of American culture in a direct way and both of us enjoyed your hospitality throughout our stay in Maryland. My only child, Katya, was born while I was working with you at NIH. You readily granted the time I needed to take off for attending my wife and child. Within a few days of Katya's birth, our child specialist warned us that Katya could develop sleep apnea. You showed concern and encouraged me to take the time necessary to attend my daughter's medical needs.

You work tirelessly, almost with a missionary zeal, to improve human condition by trying to find cures the deadly diseases of AIDS and Cancer. How ironic it is to be accused of the terrible things that were reported in the press. It is impossible for me to believe in these accusations. My wife was more shocked than me when she heard of the accusations and both of us deeply regret that a noble man like you should be put through this hardship. I am sure that you have the courage, dignity and integrity to overcome the adversity and to prove the accusations false.

It is an honor to have been associated with you as a scientific colleague and friend. Please let me know if I can be of any help.

My regards to you and Juliette,

Yours sincerely,



Vellarkad N. Viswanadhan

10/31/1995

From

Vellarkad N. Viswanadhan



*Janos Szobeni, M.D., Ph.D.*  
John Weinstein, M.D., Ph.D.  


10/18/95

Dear John:

I am writing you to express my sincere sadness and disbelief about the absurd allegations against you in the context of the P<sup>32</sup> accident at NIH, which have provided the media with an utterly false image of you. Myself, and everyone with whom I have spoken about this matter are convinced that those allegations are grossly out of character and may be a serious distortion of reality.

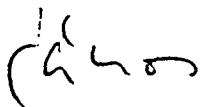
For your assurance and for whom ever it may concern, I am firm in stating that during the time I worked with you, from October 1987 until July 1991, I noted nothing in your management style or in your personality that would be even remotely consistent with the present allegations. In contrast, myself and everyone around you were greatly impressed by you as a mentor, supervisor and as an exceptionally generous man. I cannot imagine anyone who would fail to benefit in some way from being associated with you at work. As a Hungarian, I felt warmly welcomed in your multi-cultural, multi-racial research group, as did the several Oriental postdoctoral fellows who were there during the same time.

In recapitulating my professional experience in your lab, 11 publications mostly in high-ranking journals, a patent application, dozens of conference presentations, collaborations and professional contacts, and, most importantly, writing and defending my Ph.D. thesis, are all precious accomplishments that I achieved under your so called "pressure for tireless work". In fact, you encouraged everyone in the laboratory to set his or her own work schedule. For me, it was your enthusiasm and devotion for the project, your encouragement that propelled the efforts, rather than your authority or any kind of pressure. I might add that you strongly encouraged me to take the time to write the thesis, although there were no direct career rewards for yourself in it. The years spent in your lab were important milestones in my career, and your reputation and valuable recommendations greatly helped me in obtaining positions later at Harvard Medical University in Boston, then, at the Walter Reed Army Institute of Research.

Your alleged interactions with the pregnant employee in your lab are very hard to believe as they have been presented in the press. My wife keeps recalling your sincere attention to her pregnancy and comforting words about the difficulties involved in child care. Also, I have half of a photo album showing my children at your home, invited to your parties, playing with toys that you presented them, or that you keep at your home for amusing your guests' children. We have always been fascinated by the way you befriend kids, full with humor and love towards them. My teenager boys vividly remember your funny jokes and tricks, and recall you as a very nice, playful man.

The allegation that you would intentionally delay someone's medical assessment is also nonsense, as personal well-being of people working under you has always been a priority for you. It is absurd that one of your most remarkable qualities, readiness to help, has been turned around. Your ex-students, ex-post-docs and friends, among whom I feel lucky to belong, are all behind you in these difficult times.

Yours sincerely,

A handwritten signature in black ink, appearing to be 'Janos Szebeni', written in a cursive style.

Janos Szebeni



# The University of Mississippi

School of Pharmacy  
Department of Medicinal Chemistry  
University, MS 38677  
(601) 232-7101  
FAX: (601) 232-5118

October 28, 1995

Hello John,

How are things with you? I am writing to express my strongest support for you in the face of the ridiculous allegations that have been leveled against you. I was very shocked to say the least when I read "The Washington Post" article in which Maryann is purported to accuse you of pressurizing her to terminate her pregnancy for the purpose of completing a research project. How unbelievable! As a former postdoc of yours who helped in the orientation of Maryann and her husband upon their arrival from China, before I left the lab, I know the respect and sensitivity you accorded them, and the professional manner with which you treated them. As you have always done with all of us who worked with you, they had the complete liberty to set their own working schedule.

I was the was the postdoc from whom they took over the RNA project while I was leaving the lab for my present professorship position. Your attitude towards me was without any force. You were enthusiastic about the project, but you gave me the freedom to work according to my own schedule. I recall that early in the year I took a substantial vacation to Canada (according to NIH guidelines), I didn't sense any pressure from you not to go. So it is a big surprise to me that she is accusin you of pressurizing her, even to the extent of urging her to abort her baby! This is absolutely incredible.

In all the time I spent in your lab I never once saw an inkling of force with regard to your dealings with any of the postdocs or students who worked with you. I can vouch for you without hesitation that you are the most sensitive and caring supervisor I have had in all my 11 years of graduate education and training. You treat your postdocs and students as equals, with the utmost respect and care. You are not only interested in their professional development but also in their personal well being as well. My wife Patricia is full of admiration and praises for you and your wife Juliet. You are an extremely courteous and caring couple. When our children arrived from Ghana you were exceedingly friendly to them, making them feel at home.

Post-It™ brand fax fr: **Exhibit 7** 2

|                  |                    |
|------------------|--------------------|
| To: Dr. Weisberg | From: John Budanin |
| Co: NCI          | Co:                |
| Dept: LMP        | Phone:             |
| Fax:             | Fax:               |

001-23-85 14-42 FROM MEDICAL CHEMISTS ON 10-001237101 PAGE 1

Granted, your enthusiasm and dedication to good scientific research is unquestionable, and at the same time contagious, but not at the expense of your employees.

In the light of my knowledge of you, both in scientific and personal terms, in all the two years (October 1992- August 1994) I worked with you as visiting fellow (I must say I was the one who worked most closely with you on experimental aspects during my tenure in your lab), these allegations are at the least out of character and preposterous. You sacrifice a lot for your employees. You are too much of a humanitarian to think about doing the things you are being accused of. It is not an exaggeration to say that you are so courteous and sensitive to even hurt a fly, let alone a fellow human being! I recall that anytime you had a cold you would wear a mask to the lab to avoid infecting others.

The truth will win out in this case. I am very confident that you are innocent of these allegations, and will come out clean and stronger than ever.

I am very privileged to have known and worked with you, and I am very willing to give testimony on your behalf on this matter if need be.

Take courage, and God bless you.

Yours sincerely,



John Buolamwini

# Exhibit 8

October 22, 1995

Krishnamachari Raghavan, Ph.D.  
[REDACTED]

|                        |  |                  |             |
|------------------------|--|------------------|-------------|
| Post-It® Fax Note 7571 |  | Date 10/22/95    | Page 1 of 1 |
| To John Weinstein      |  | From K. Raghavan |             |
| Co/Dept. NCI/NIH       |  | Co. Biosym/MSE   |             |
| Phone [REDACTED]       |  | Phone [REDACTED] |             |
| Fax [REDACTED]         |  | Fax [REDACTED]   |             |

John N. Weinstein, M.D., Ph.D.  
[REDACTED]

Dear John:

I just couldn't believe my eyes when I read the allegations against you that appeared in the October 10<sup>th</sup> issue of The Washington Post, in relation to the recent P32 accident at NIH. I am writing this to let you know that I just don't believe those accusations and it will not change my views of John Weinstein and the respect I have for him. I wonder how anyone on this planet could have a heart to turn against you to say such things.

I still remember my wonderful time in your lab as a General Fellow (Sep. 1992 - Sep. 1994). I cannot say enough good about you. To tell you the truth, John, I always wished that there was an opportunity to work permanently in your lab. John, I felt so comfortable and thoroughly enjoyed working for you, the freedom you gave me to set my own working schedules, and your availability to discuss the progress of ongoing projects. When it comes to giving credit for the work done by the staff and collaborators, John, you are the top.

I distinctly remember and appreciate the way you treat your new employees and provide detailed orientation for them. You would introduce them to everyone in the lab as well as others in the institute. You would also explain the functions of each division and institute, and how they are inter-related. Also, I remember the instructions given with respect to staying away from radioactive materials and not to eat inside the lab and so on. All these would help the new employees to understand the setup, working environment in the institute, and where they fall within the organization as well as their role as a researcher to combat against deadly diseases like cancer and AIDS.

The working atmosphere in your lab was always like an extended family. It was so informal and there was no barrier to any interactions. I enjoyed many parties at your place as well as during group meetings and other occasions. All those good times are still fresh in my memory. I also want you to know that I very much appreciated your time, advice, and help on my career decisions.



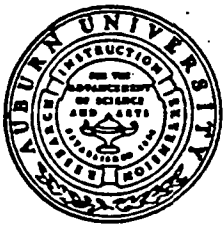
John, one thing that I don't understand in life is: when someone does good things to others, it turns back to them doing bad. In this particular case, I was in your lab when you were doing so much of paper work and waited long enough to bring Maryann and Bill on board. I don't believe that it turned back on you in a damaging way. I hope and pray that these things do not affect your personal life, your research group and the excellent contribution from your research group to biomedical science. I remain feeling so proud of having had the wonderful opportunity to be part of your research team.

Padma sends her best to you and Juliette.

With regards,  
Yours sincerely,

*K. Raghavan*

K. Raghavan)



# DEPARTMENT OF PHARMACAL SCIENCES

**Exhibit 9**

**Guru V. Betageri, Ph.D.**  
School of Pharmacy  
Auburn University, AL 36849-5503

**Associate Professor of Pharmaceutics**  
(334) 844-8327 TEL  
(334) 844-8331 FAX

John N. Weinstein, M.D., Ph.D.

November 22, 1995

Dear John:

When I heard the news about allegations made against John Weinstein on CNN, my immediate response to my wife was this must be some other person at NIH and not you. Later when I found out that these allegations were made against you, I was shocked. I know you very well and I am confident that these allegations are not true. I can not imagine that a person who has worked with you can make such allegations. You cross the limits when it comes to helping others either personal or professional life.

I joined your laboratory in December 1987 and I came at a very difficult time due to personal tragedy. I got moral support from you which helped me and my wife to continue with our life and build a career. You never forced any scientist working in the laboratory to do anything the scientist didn't want to do.

Research is not a 9 to 5 job and every scientist understands. However, there is lot of flexibility as a researcher compared to other jobs. One can set their own schedule. As a scientist I have worked evenings and weekends on my own and you never forced me or anybody in the laboratory to work late evenings or weekends.

When we had our baby during I worked in your laboratory, my wife was working at Clinical Center in the same building. Almost every day you inquired about health of my wife and medical condition in general, since you were aware of our tragedy with our first child. When my wife delivered the baby on January 6,

1989, there was a snowstorm in Washington D.C., you immediately called my wife's laboratory, and the Georgetown University Hospital, shows your concern. After all you didn't have to do this. You treated every person in the laboratory as a human being, kind and concerned about personal and professional life. I am glad that I was associated with your group and is one of the major milestone in my life.

The allegations made against you are false and the truth will come out and it is just a matter of time. I know it is extremely hard for you and Juliette. You need to take courage and come out strong. I pray god to give the strength and courage to you and Juliette during this hard time. You have support from me and Sucheta and anyway we can help please let us know. Convey our regards to Juliette.

Sincerely,



# COMMISSIONED OFFICERS' EFFECTIVENESS REPORT

Refer to Commissioned Corps Personnel Manual  
Subchapter CC25.1

# Exhibit 10

PLEASE READ PRIVACY ACT STATEMENT on last page before completing this form.

## INSTRUCTIONS FOR FILLING OUT THE COMMISSIONED OFFICERS' EFFECTIVENESS REPORT

The Commissioned Officers' Effectiveness Report (COER) is the official mechanism for reporting an officer's performance, and is a critical part of the commissioned personnel system. This report is fully compatible with and supplements established work planning procedures. It is expected that an officer's success in meeting a work plan has already been reviewed and information collected regarding specific aspects of the officer's performance. The COER has four major purposes:

1. To provide a formal framework for informing the officer and corps management of the supervisor's assessment of the officer's performance and goals.
2. To provide information for promotion boards and retention decisions.
3. To inform those who may need an officer's services of the strengths and weaknesses which that officer has shown.
4. To permit more effective planning for training and assignments to assure that officers reach their maximum potential.

The rating system is designed to reflect the range of possible strengths and weaknesses. Almost every officer will be above average in some areas and below average in others even if the officer's overall performance is good or very poor. Very few officers should receive ratings which are uniform across all items. Both in fairness to the officer and in fairness to the corps, it is important to identify the weaknesses of excellent officers and the strengths of very

weak officers. Be sure to specify the rating period in Section I and to rate officers on performance only for this period.

Although the items have explanations for each rating level, raters should consider the following overall guidelines carefully:

- A. This rating on any item requires a narrative comment and counselling. This level indicates seriously impaired performance. At this overall level, unimproved performance would lead to adverse action. A rating at this level in two or more categories, if unimproved, is usually incompatible with promotion.
- B. This rating on any item requires a narrative comment. This level indicates a weakness which may require counselling. A narrative comment is in order.
- C. This level indicates fully acceptable performance. Most officers, including many successful candidates for promotion, should fall within this group.
- D. This level indicates above average performance. An officer functioning at this overall level will be a leader in his/her unit, will progress faster than his/her colleagues, and is a strong candidate for honor awards nominations. A narrative comment is in order.
- E. This rating on any item requires a narrative comment. This level indicates outstanding performance. Officers performing at this overall level should almost always be nominated for honor awards.

## SECTION I — TO BE FILLED OUT BY OFFICER REPORTED ON

|  |  |   |
|--|--|---|
| NAME (Last) (First) (Middle initial)                                       | PHS Serial No.   | Type of Report  |
| Weinstein John N.  | 36479  | 1. <input checked="" type="checkbox"/> Annual 2. <input type="checkbox"/> 3-yr. File Review 3. <input type="checkbox"/> Other |
| SSN: [REDACTED]  | If "Other," specify reason:  |   |
| Station During Period Covered by Report                                    | Health Agency  | 4. <input type="checkbox"/> ATSDR 8. <input type="checkbox"/> AHCPH 11. <input type="checkbox"/> CG                           |
| NIH  | 1. <input type="checkbox"/> OASH 5. <input type="checkbox"/> FDA 9. <input checked="" type="checkbox"/> NIH 12. <input type="checkbox"/> BOP | Date Reported To Station (Mo. and Yr.)  |
| Period Covered by Report   | 2. <input type="checkbox"/> SAMHSA 6. <input type="checkbox"/> HRSA 10. <input type="checkbox"/> CDC 13. <input type="checkbox"/> EPA        | 02 77 06 95   |
| 3. <input type="checkbox"/> IHS 7. <input type="checkbox"/> HCFA 14. Other |  |   |
| Present Position/Billet Title  | Category   | Temporary Grade   |
| Senior Research Investigator   | Cap+06   |   |
| Date Submitted to Supervisor   |  |   |
| Mo. Day Year   |  | 06 02 95  |

Describe your duties, accomplishments, and goals for future assignments. Try to be brief, but you may use attachments.

See attachment A

## SECTION II — TO BE FILLED OUT BY OFFICER'S SUPERVISOR

|  |  |
|--|--|
| Are you the officer's supervisor?  | How long have you supervised this officer?                   |
| 1. <input checked="" type="checkbox"/> YES If "NO," explain your relationship to the officer and why you are doing the rating. | 2 years 8 months   |
| 2. <input type="checkbox"/> NO   |  |
| NAME OF SUPERVISOR (or other Reporting individual) (Type or Print)   | SIGNATURE OF SUPERVISOR:                                     |
| KURT W. KOHN   | [Signature]  |
| SUPERVISOR'S TITLE:  | SUPERVISOR'S PHS SERIAL NO. (if commissioned officer):       |
| Chief, Lab. Molecular Pharmacol., DTP, DCT, NCI  | EXHIBIT 21   |
| SUPERVISOR'S PROFESSIONAL SPECIALTY:   | PAGE 25 OF 35 PAGE(S)  |
| Molecular pharmacology research director   |  |
| Are you the only supervisor of this officer?   | If "NO," have comments of other supervisors been considered? |
| <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO  | <input type="checkbox"/> YES <input type="checkbox"/> NO     |

SECTION III — TO BE FILLED OUT BY OFFICER'S SUPERVISOR PAGE 2 OF 35 PAGE(S)

NOTE: Comments are required for all A, B, and E responses.

E 1. QUANTITY OF WORK:

- A. Consistently produces less than is expected.
- B. Sometimes falls below productivity standards.
- C. Meets standards consistently.
- D. Usually exceeds standards of productivity.
- E. Exceptionally productive; accomplishes far more than is expected.

Comments: Pursues several important projects with remarkable energy & effectiveness, coordinating the work of many and infusing many original ideas.

E 2. QUALITY OF WORK:

- A. Regularly produces work which does not meet standards of quality.
- B. Occasionally produces work which does not meet standards.
- C. Produces work that consistently meets standards.
- D. Produces above average work.
- E. Produces exceptional work. Officer seen as a model.

Comments: Utilizes state-of-the-art procedures and quality controls to assure data output of the highest possible reliability.

E 3. PUNCTUALITY OF WORK:

- A. Regularly misses deadlines.
- B. Is sometimes behind schedule.
- C. Is almost always on time with assigned work.
- D. Can be relied upon to meet all deadlines and is sometimes ahead of schedule.
- E. Is exceptionally prompt and usually ahead of schedule.

Comments: Works at all hours and weekends to accomplish important tasks quickly.

E 4. INITIATIVE, CREATIVITY, AND JUDGMENT:

- A. Often fails to take obviously necessary actions or takes wrong ones.
- B. Sometimes fails to take steps that would solve or head off usual problems.
- C. Deals effectively with usual problems and challenges.
- D. Moves creatively to meet program objectives and solve somewhat unusual problems.
- E. Routinely recognizes and solves unusual problems.

Comments: Recognized the power of the pattern analysis methods and applied them effectively to add new dimension to NCI drug discovery process.

E 5. COMMITMENT TO PROGRAM GOALS:

- A. Seems exclusively concerned with own convenience, welfare, and advancement to detriment of program.
- B. Too often puts personal concerns ahead of program.
- C. Is generally able to balance personal and program concerns.
- D. Has worked out a relationship between personal and work responsibilities which allows satisfactory resolution of almost all conflicts.
- E. Has achieved such an integration of personal and program interests that conflicts rarely arise.

Comments: Puts every possible effort to improve the NCI drug discovery.

E 6. ABILITY TO WORK WITH OTHERS:

- A. Is not effective when work requires cooperative efforts.
- B. Performance is sometimes impaired if it requires working with others.
- C. Satisfactorily achieves objectives when working with others is required.
- D. Is able to cooperate with others in a manner that helps produce better work than any one member of the group could produce.
- E. Works with others in ways which maximize the contributions of each person and consistently produces excellent results.

Comments: Gets many people with different areas of expertise to work effectively toward common goal.

E 7. ABILITY TO EXPRESS SELF VERBALLY AND IN WRITING:

- A. Often does not get the desired response even to routine material because the message is not understood.
- B. Failure to communicate clearly sometimes causes problems.
- C. Communication failures rarely cause problems.
- D. Gets message across even when material is complex.
- E. Expresses complex and controversial material in such a lucid and persuasive way that achievement of objectives is materially aided.

Comments: Written and oral presentations are often models of clarity & persuasiveness.

E 8. PLANNING AND ORGANIZING:

- A. Needs continual supervision to determine priorities, resource needs, and time to be allotted for even routine tasks.
- B. Sometimes is lax in determining and adhering to priorities, available resources, and schedules.
- C. Sets and adheres to priorities, available resources, and schedules under most circumstances.
- D. Skilled planner and organizer. Grasps problems well and works out overall and detailed solutions.
- E. Exceptional skills in planning and organizing. Anticipates subtle and difficult issues and deploys resources imaginatively.

Comments: Ability to plan and organize complex efforts is demonstrated the success that his team and collaborators have achieved.

E 9. RESPONSE TO CRISES:

- A. In crises, performance is ineffective.
- B. In crises, performance is somewhat less effective than at other times.
- C. Performance in crises is as effective as at other times.
- D. Rises to the occasion in crises.
- E. Emerges as a superior performer and leader in crises.

Comments: Senses potential crises before they arise and organizes effective responses.

E 10. ABILITY TO ANALYZE PROBLEMS:

- A. Often asks questions or presents solutions that evidence a lack of understanding of routine matters.
- B. Sometimes asks questions or presents solutions which complicate the management of routine problems.
- C. Almost always evidences understanding of routine and many more complex matters.
- D. Usually understands and presents good solutions to new and particularly difficult problems.
- E. Is a person to whom others look for creative and thorough analyses of the most difficult problems.

Comments: Thru creative analysis & analysis of the most difficult problems.

E 11. PROFESSIONAL SKILLS IN PRESENT ACTIVITY:

- A. Cannot be trusted in situations when professional judgment is required.
- B. Sometimes makes professional judgments that are not supportable.
- C. Consistently makes professional judgments that are supportable and appropriate.
- D. Is looked to by others for professional advice.
- E. Is recognized by people outside his/her program as an expert in the application of professional skills.

Comments: *Frequently called upon to present his work and views at scientific conferences and administrative meetings.*

E 12. SUPERVISORY SKILLS:

- A. Frequently causes problems as a supervisor which require intervention.
- B. Sometimes makes supervisory decisions which complicate management problems.
- C. Handles most supervisory problems without difficulty.
- D. Resolves problems and improves employee's performance.
- E. Solves even difficult problems and gets the most out of even deficient employees.
- F. Officer has no supervisory responsibility.

Comments: *Extraordinarily skillful supervisor -- inspires his staff to extend the limits of their capabilities.*

E 13. GROWTH IN SKILLS DURING RATING PERIOD:

- A. Performance has deteriorated.
- B. Has shown little, if any, improvement.
- C. Showed steady growth.
- D. Progressed more rapidly than most of his/her peers.
- E. Showed much more growth than almost all his/her peers.
- F. Reporter has not known officer long enough to judge this ability (use this only if you have known officer less than 6 months).

Comments: *Constantly strives to extend his range of competence, for example recently in devising a new RNT transcript pattern analysis procedure.*

E 14. RESPONSIVENESS TO SUPERVISION:

- A. Usually rejects supervisory guidance without considering its merits.
- B. Sometimes rejects supervisory guidance without considering its merits.
- C. Usually considers supervisory guidance carefully and is usually able to apply it.
- D. Works with supervisory guidance constructively.
- E. Knows when to seek supervisory guidance and is highly creative in implementing recommendations.

Comments: *Highly perceptive of super goals and finds ways to work towards these goals while at the same time pursuing his own concepts.*

E 15. OVERALL JOB PERFORMANCE:

This rating should not be an average of items above. It should reflect actual effectiveness in the job which this officer is doing. This rating should be consistent with the officer's performance under his/her work plan.

- A. Inadequate. This officer is a hindrance rather than an asset.
- B. Marginal. This officer is sometimes less effective than can be reasonably expected.
- C. Competent: This officer is fully effective in performing his/her job.
- D. Well above average. This officer has made a significant contribution and has enhanced the position he/she holds.
- E. Exceptional. This officer's performance is far better than can be reasonably expected and has brought credit on the officer and the organization.

Comments: *Exceptional in every respect. Has materially strengthened the Laboratory and the NCI drug discovery program.*

SECTION IV

NOTE: Comments are required for A., B., and E. responses in 1, 2, 3 and 9.

E 1. WOULD YOU RECOMMEND THIS OFFICER FOR PROMOTION IN RANK?

- A. No.
- B. Only with additional supporting reasons.
- C. This officer is fully qualified for promotion.
- D. This officer should be promoted before most of his/her peers.
- E. This officer should have an exceptional capability promotion.
- F. Officer is currently at the permanent Director Grade (D-6).

Comments: *Because of his exceptional performance.*

F 2. WOULD YOU RECOMMEND THIS OFFICER FOR ASSIMILATION INTO THE REGULAR CORPS? (Assimilation gives the officer career status.)

- A. No.
- B. Only with additional supporting reasons.
- C. This officer is fully qualified for assimilation.
- D. This officer should be assimilated before most of his/her peers.
- E. This officer should be assimilated immediately.
- F. Officer is currently in the regular corps.

Comments:

E 3. IN AN OPEN COMPETITION, WOULD YOU EXPECT TO SELECT THIS OFFICER FOR HIS/HER PRESENT POSITION?

- A. No.
- B. Possibly.
- C. This officer would be a good competitor for this job.
- D. This officer would be one of the very best candidates.
- E. Very much doubt we could find anyone else as good.

Comments: *His capabilities in creating data pattern analysis, understanding drug development, and biological insight are unique in my experience.*

A 4. SHOULD THIS OFFICER BE DIRECTED TO THE SAME OR A DIFFERENT FUTURE ASSIGNMENT? IF TO A DIFFERENT ASSIGNMENT, EXPLAIN. (PLEASE CONSIDER OFFICER'S RESPONSE IN SECTION I.)

- A. ☒ Same
- B. ☐ Different

Explanation:

# SECTION IV — CONTINUED

5. IF YOU HAVE RECOMMENDED A DIFFERENT ASSIGNMENT, IS THIS OFFICER READY FOR IT?

☐ YES ☐ NO

Comments:

6. CONSIDERING YOUR ANSWERS TO "4" AND "5," WHAT FORMAL TRAINING, SKILLS ENHANCEMENT, OR INTERIM ASSIGNMENT WOULD YOU RECOMMEND FOR THIS OFFICER?

7. DOES THIS OFFICER HAVE ANY LIMITATIONS NOT IDENTIFIED ABOVE WHICH MIGHT LIMIT HIS/HER EFFECTIVENESS?

NO

8. DOES THIS OFFICER HAVE ANY STRENGTHS NOT IDENTIFIED ABOVE WHICH ENHANCE HIS/HER EFFECTIVENESS?

*Medical training.  
Medical ethics studies & experience.  
Ability to work on several fronts simultaneously.*

9. With respect to officer's managerial responsibilities, his/her development and implementation of systems and procedures for the overall management of the organization to increase efficiency, quality and production, by cost reductions, timeliness of actions, reduction in paperwork, affirmative action and EEO, and internal controls, etc.:

- A. Regularly fails.  
B. Occasionally fails.  
C. Is fully satisfactory.  
D. Usually exceeds.  
E. Is of an exceptional nature.  
F. Officer has no managerial responsibilities.

Comments: *Highly conscientious and deeply concerned about ethical issues.*

10. Relative to the policies of the Surgeon General and officer's Agency, and directives of local authority, the officer's wearing of the PHS uniform:

- A. Never conforms.  
B. Conforms less often than required or is worn in an inappropriate manner.  
C. Conforms in general accordance with requirements and in an appropriate manner.  
D. Conforms in full accordance with requirements setting a positive example for others.  
E. Sets an outstanding example for others bringing credit to the Corps.

Comments:

## SECTION V

1. TO BE FILLED OUT BY OFFICER BEING REPORTED ON:

I have read this evaluation and had an opportunity to discuss it and retain a copy.

A. ☒ I concur with this evaluation.

B. ☐ I disagree with this evaluation in the following ways:

Comments (Add attachment if necessary):

NOTE: Before signing, make certain that your supervisor has provided comments for all A., B., and E. level ratings.

*John M. Winters*  
Signature of Rated Officer

6/14/95  
Date

2. TO BE FILLED OUT BY REVIEWING OFFICIAL:

Name (Type or print):

Title:

I have read this evaluation.

A. ☐ I concur with this evaluation in all respects.

B. ☐ Although this evaluation is reasonable, this rater is a somewhat more demanding rater than most.

C. ☐ Although this evaluation is reasonable, this rater is a somewhat less demanding rater than most.

D. ☐ I disagree with this evaluation in the following ways:

Comments:

IF ANY REVIEWING OFFICIAL DOES NOT CONCUR FULLY, IT IS HIS/HER RESPONSIBILITY TO PROVIDE THE RATED OFFICER WITH A COPY OF THIS PAGE.

Are you the rater's immediate supervisor?

A. ☐ YES

B. ☐ NO

If not, what is your relation to the rater and why are you the reviewer?

Comments:

EXHIBIT 21  
PAGE 28 OF 35 PAGE(S)

Signature of Reviewing Official

Date

### Privacy Act Statement for Form PHS-638, "Commissioned Officers' Effectiveness Report"

General: This statement is provided pursuant to the Privacy Act of 1974 (P.L. 93-579).

Authority for Collection of Information: Our authority to collect this information is 42 U.S.C. 202 et seq. (PHS Act Sec 201 et seq.); and Executive Order 9397, "Numbering System for Federal Accounts Relating to Individual Persons."

Records System: 08-37-0002, "PHS Commissioned Corps General Personnel Records," HMS/OASH/OSG.

Principal Purpose and Routine Use: The information you provide in Section I of this form will be used to identify you, your present assignment, and your future assignment interests. The remainder of the form will be completed by others who will document your professional growth and career development. This information enables us to assess your strengths, to evaluate and take actions to improve your performance, and to identify the steps necessary to further your professional growth and career development. Evaluations obtained on this form may be employed in various personnel actions such as promotion, assignment, and assignment. This information will be used only as necessary in personnel administration processes carried out in accordance with established regulations and published notices of systems of records. Copies of these systems of records may be obtained by contacting the office to which you submit this form.

Information Regarding Disclosure of Your Social Security Number (SSN): Disclosure of your SSN is mandatory under provisions of Executive Order 9397 to obtain benefits and services as a commissioned officer. Your SSN is also used to distinguish your record from those of commissioned officers who may have similar names and dates of birth.

Effect of Non-Disclosure: You must disclose your SSN as explained above. If you do not provide the information requested on this form, commissioned corps boards will not have information about your current assignment and future interest. Therefore, cannot consider these things when reviewing your qualifications for promotion and other actions.

October 15, 1995

John N. Weinstein, M.D., Ph.D.

Dear John:

The recent publicity about accusations made against you has motivated me to write this letter of respect and friendship. I am deeply upset that unsupported allegations can be printed in the Washington Post and Montgomery Gazette without your refuting them. Of course, my greatest regrets are that any of this happened and that your life and science are being disrupted.

In any event, the point of this letter is not to discuss the factual situation, of which I know nothing. Rather, I want to state in writing how bizarrely improbable it is that you would be linked with any sort of immoral or illegal behavior. As your long-time friend and professional colleague, I know no one with a deeper commitment to integrity and scholarship than you have. I remember with pleasure the many hours that we spent debating technical details of how best to analyze your data. In these conversations, you were as scrupulous about what conclusions one could or could not draw from your medical research as anyone I've met in more than 20 years of consulting with the NIH.

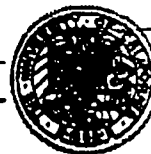
Furthermore, as you know I also work in the world outside of NIH, the world of contractors and biotech companies. Therefore, I know that your skills could command a high price. Yet, you have shown no interest in entering this outside world because you have a greater commitment to medical science than to other, shallower goals. Indeed, without wishing to be maudlin, it is you that I think of when I envision the selfless medical scientist, with a life devoted to using education and intelligence to save lives. When I read charges that your behavior was motivated by other, shabbier interests, I think that there must have been a grotesque mistake; this is not my friend John of whom they are speaking.

Please know that you have my full support and affection. You are an honorable man and I know that these bad times will recede.

Sincerely yours,

*Larry R. Muenz*  
Larry R. Muenz, Ph.D.





SCHOOL OF MEDICINE  
DEPT. OF CELLULAR AND MOLECULAR PHARMACOLOGY &  
CANCER RESEARCH INSTITUTE  
BOX 0450, ROOM 8-1245  
SAN FRANCISCO, CA 94143-0450

Telephone: (415) 476-3956  
Facsimile: (415) 476-0688  
e-mail: papad@itsa.ucsf.edu

October 31, 1995

Dr. John N. Weinstein  
Laboratory of Theoretical Biology  
National Cancer Institute  
National Institutes of Health  
Building 37, Room 5C-25  
Bethesda, MD 20892

Dear John,

I was quite distressed to hear, recently, of the unfortunate accident in your lab concerning isotope spillage, and the accusations that have been made against you personally.

Having known you well, both scientifically and personally, I wish to express my sympathy for the unfortunate event, but most importantly to emphasize my own personal evaluation of you both as a principled scientist and a sensitive and carrying human being. In fact, I consider you one of the bright exceptions among the people I have known that would not sacrifice human principles for career and other professional goals. Moreover, I find it appalling, upsetting and entirely outside of any dimension of your character that you would be facing such accusations. All I can think of is that there has been some very bad advice given to your personnel from outside.

I feel quite comfortable in being a character witness for you, and do not hesitate to use my letter for any occasion and to any authority that would be interested in my opinion of you as a person of high integrity, both as a scientist and as a human being.

With best wishes for a swift and just resolution.

Sincerely,

Demetrios Papahadjopoulos, Ph.D.  
Professor, Department of Cellular  
& Molecular Pharmacology

[REDACTED]

John N Weinstein, MD, PhD

[REDACTED]

October 13, 1995

*Dear John*

I have just seen the press reports of accusations made by the Chinese Fellow, Dr Ma. My first thoughts were that these could not possibly be directed against you, so I immediately looked through the NIH telephone directory to see how many other John Weinstains were listed, but I eventually came to realize that, incredibly, it must be you who is the target. Then my anger began to mount. How can any living being accuse you, of all people, of such conduct? How can any journalist write an account which seems to identify you with such a Machiavellian scheme of pathological behavior? It is absolutely and unequivocally impossible for you to have done the things you are reported to have done. Of this I am absolutely certain.

We have known each other for many years. Marcia and I have valued you and Juliette as good friends in all that time. We have met consistently and enjoyed each other's company for two decades. On that basis alone I feel I know your attitudes and standards very well indeed. But we have also shared many episodes and experiences in the conduct of research. My admiration for you as a brilliant, dedicated and utterly ethical scientist is enormous. You personify all that is best in the collegial pursuit of knowledge. And of course you have achieved marvelous results, at the same time giving of your all to a host of young, developing scientists from all over the world, who have had their lives enriched and their careers ensured by your priceless mentorship.

But, perhaps most of all, you are in my experience the most caring and unselfish physician it has been my good fortune to meet. Consistently, inevitably and without exception you have put everything else aside to be mine and Marcia's advocate and advisor in our own particular circumstances. And this has, of course, always been done as your personal gift, without any remuneration or compensation whatsoever. I also know that Marcia and I are not the only beneficiaries of your generosity; there are many other individuals and families

who have had your unstinting and freely given support and advice over the years.

Starting with my coronary heart disease, my heart attacks and my bypass surgery, you were always available and determined in your engagement with my condition and its treatment, taking the initiative to give me the best possible advice and support you could. In more recent times, with Marcia now a terminal breast cancer patient, you have bent over backwards to help her. I don't need to remind you - but I will - that only a few weeks ago you dropped everything you were doing, including your current experiments, and a scheduled research conference with your staff, to spend several hours without notice as Marcia's advocate, working with me through the options there may have been at the National Cancer Institute for experimental treatment of metastatic breast cancer that might have been suitable for her. You personally sought out and brought to that meeting the principal investigator of a clinical trial into which Marcia could have been recruited, and you spent endless hours going through with us what that would entail. I know this was a selfless gesture for a friend in dire need, but I also know it was a part of your commitment to help women with this dreaded disease. Why otherwise would you devote your whole career to cancer? Is this the behavior to be expected of someone who is so grossly fanatical about his laboratory that he would advocate an abortion for a member of his staff so that work should proceed unabated? Of course it is not.

So it just doesn't add up. It makes no sense whatsoever. What I read is just not true. You, John, are constitutionally incapable of doing what you are accused of. This is a case of malicious and false representation. I am absolutely convinced about this and I will do anything in my power to help see that justice is served and that the truth will out. I offer you my total engagement in helping you overcome this senseless accusation, and I commit myself to your enduring support.

Marcia joins me in sending very best personal wishes to you and Juliette.

Yours very truly,

*David*

D.M. Robinson, PhD  
Director, Vascular Research Program  
National Heart, Lung & Blood Institute

FRANCES N. LILIENTHAL  


Oct. 29, 1995.

Dear John,

This is just another note of support at a most difficult time in your life when your impeccable reputation is under attack by outrageous slings and arrows. Fortunately, everyone who knows you is aware of your deep dedication to helping everyone, individually and collectively. We have all seen countless examples of your efforts on behalf of friends in trouble; the lengthy cross-country telephone conversations, the endeavors to find the latest information on medical treatments, the visits during your short and precious hours here to meet with people having problems.

You are a caring person. We know you have had tempting offers of positions with great monetary rewards and have rejected them all out of dedication to your medical research on behalf of mankind, instead of industry. We know how generous you have been in sharing your expertise with professionals around the world,

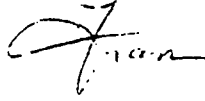
I recall with gratitude the support and help you gave on my behalf to my friend, Margaret, in Carmel, who eventually died of multiple myeloma. Though you did not even know Margaret, you phoned her oncologist repeatedly (at her request) and assisted him in finding the most recent advances in medical treatment, which you researched for her case. I can also quickly recall the specialized research you have done and advice you have given freely to Myriam, Alan, Frances, Jerry, Wendy, David, Jim, us, and countless other friends of your family whose privacy we all respect.

Knowing you, John, I suspect that you sympathize even with your accusers in their sad predicament. Your honesty and integrity are certainly above question, always tempered by tact and compassion.

Bob and I can only hope that this experience will have a satisfactory ending and that you will find gratification from the outpouring of love and respect from friends and colleagues which you are experiencing.

Love to you and Juliette. I wish we could see you both more often and could be just a bit helpful to you. You have always been so wonderful to all of us.

Much love,

A handwritten signature in cursive script, appearing to read "Fran".

BOB MILLER  
*Secretary*

STATE OF NEVADA

CHARLOTTE CRAWFORD  
*Director*MYLA C. FLORENCE  
*Administrator*

DEPARTMENT OF HUMAN RESOURCES  
WELFARE DIVISION  
Capitol Complex • 2527 N. Carson Street  
Carson City, Nevada 89710  
(702) 687-4770

October 25, 1995

John N. Weinstein, M.D.Ph.D.  
[REDACTED]

Dear John:

I would like to take this opportunity to express my gratitude for all of the kindness and competent advice you have given to many of my friends.

Tom Edens' months of struggle with his cancer were greatly ameliorated through your extensive generosity of time, support and advice; Tom's family and many friends are forever grateful to you. I know you are in a difficult and demanding position and yet you continue to offer individual assistance to so many in need. Your recent help with Danny Yeung from Hong Kong and his brief stay at Stanford Hospital is another example of your kindness and giving. Mr. Yeung died shortly after his return to Hong Kong, but his family is profoundly grateful for your assistance and guidance.

I feel privileged to have your father as my close friend and mentor and am delighted there is another Dr. Weinstein continuing his incredible compassion, kindness and humanitarian concern.

Please do not hesitate to call upon me if I can be of any assistance to you or your family.

Respectfully,

*Edwin S. Sarsfield*  
Edwin S. Sarsfield  
Deputy Administrator

~(H:\USERS\KAY\WP51\WEINSTEI.ESS) October 25, 1995)

Working for the Welfare of ALL Nevadans

EXHIBIT 21  
PAGE 35 OF 35 PAGE(S)

# EXHIBIT 22

REPORT OF INTERVIEW  
WITH  
YI FAN

On July 27, 1995, Yi FAN, Post Doctorate Fellow, was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted at a conference room located at the National Institutes of Health (NIH), National Cancer Institute (NCI), Building 37, Room 5C12, Bethesda, MD. The interview started at approximately 10:23 a.m.; no other persons were present. The purpose of the interview was to obtain general information regarding the 5th floor laboratories of building 37 at the NIH. The interview was also conducted to determine FAN's knowledge of the contamination incident at NIH in which Wenli MA (Maryann) was contaminated with radioactive phosphorus-32 (P-32). In addition, FAN was questioned regarding the P-32 contamination of the water cooler on the 5th floor of Building 37. FAN provided the following information in response to questions.

She resides at [REDACTED] and she has been employed at NIH since December 21, 1994. Her telephone number at work is 301-496-9572. Her date of birth is [REDACTED] at [REDACTED] her Social Security Number is [REDACTED]. She received B.S. in Biochemistry, in [REDACTED] at East China University of Chemical Technology; her M.A. in [REDACTED] and Ph.D. in [REDACTED] from the University of Georgia. She is a permanent resident of the United States. She is married to Qiang JIA. She works in the Laboratory of Molecular Pharmacology (LMP), and her supervisor is John WEINSTEIN. She considers WEINSTEIN a workaholic. She is not in competition with Wenling ZHENG or MA; they are molecular chemists; her job is to conduct computational chemistry and computer modeling. She does not use radioactive material in her work.

The 5th floor contains three laboratories: LMP, the Laboratory of Medicinal Chemistry (LMC), and the Laboratory of Biological Chemistry (LBC). All three laboratories combined have about one hundred employees. The laboratories are further divided and supervised by section chiefs; Weinstein is a section chief

She met ZHENG and MA when they first arrived and she became friends with MA. Although she considers ZHENG a friend she does not talk to him very much. She has socialized with ZHENG and MA at the laboratory and at her residence. She lives in the same apartment complex as ZHENG and MA. About two months prior to the contamination incident, MA told her that she was pregnant. FAN said that MA was worried about what WEINSTEIN would think because of the effects that the pregnancy would have on her work. According to FAN, MA was afraid to tell WEINSTEIN of her pregnancy because MA would have to stop radiation experiments. FAN said that she was told by MA that she and ZHENG wanted the baby even though the pregnancy was not scheduled. Eventually, FAN said MA told WEINSTEIN that she was pregnant. FAN did not know what WEINSTEIN's reaction was; she never heard any discussions regarding the possibility of MA having an abortion.

It was her understanding that WEINSTEIN, ZHENG and MA worked well together. FAN said that both ZHENG and MA conducted radiation surveys on an almost daily basis in the morning and just before they departed the laboratory in the



evening. According to FAN, MA and ZHENG were working on a secret project which when spoken about would result in WEINSTEIN closing the laboratory door. ZHENG and MA gave a brief summary of their project that they were working on to WEINSTEIN's staff. She didn't know much about the project, but she observed that ZHENG, MA, and WEINSTEIN all worked long hours. She said that the work suddenly stopped about two months ago. ZHENG and MA stopped working long hours.

She worked on Thursday, June 29, 1995, but left work at approximately 5:30 p.m., and returned about 9:00 p.m. or 9:30 p.m. with her husband. She came back to building 37 to continue with her experiments. When she arrived late that evening, she started working on her experiments. She noticed that WEINSTEIN was in his office talking on the phone. After about ten minutes WEINSTEIN came out of the office and told her that MA had ingested P-32 and that he would hold a meeting on June 30th to talk about the incident. WEINSTEIN instructed her to leave the building and she complied with his request. She returned the next day at approximately 9:30 a.m.

She had two or three conversations with MA and ZHENG since the contamination incident started. On Friday evening June 30th, she was walking around her apartment complex and met ZHENG and MA who were also walking around the complex. At that time they were both very cordial and expressed concern that MA had an increase chance of cancer because of the contamination.

During another conversation, with MA, three or four days later, FAN said that MA was in a very bad mood, and MA said that WEINSTEIN was responsible for her contamination. MA indicated that WEINSTEIN wanted MA to have an abortion. MA told FAN that they suspected WEINSTEIN because WEINSTEIN also delayed publication of their project. According to FAN, the normal process is to hold publication of a project until the patent is obtained, but ZHENG and MA wanted the project published first and then obtain the patent. MA related to FAN that ZHENG and MA had an argument with WEINSTEIN about the patent rights to their project. She could provide no further information about the argument. After the first conversation, according to FAN, MA expressed anger with WEINSTEIN. According to FAN, MA said that she and ZHENG would not return to WEINSTEIN's laboratory to work.

She does drink water from the water cooler that was later determined to be contaminated with P-32. She drinks about six cups of water per day. She submitted a urine sample and it was determined that she was contaminated with [REDACTED]

She personally does not suspect WEINSTEIN, ZHENG and MA of the contamination incidents. When MA were first determined to be contaminated she suspected it was an accident; however she now believes the contamination was deliberate.

She does have a key to the LMP conference room, in which contamination was discovered on the floor. She is willing to voluntarily submit fingerprints and take a polygraph if everyone else in the laboratory takes a polygraph.

The interview was terminated approximately 11:35 a.m.

This interview was reported on July 27, 1995.

Reported by:

*Gerard Kenna*

Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I

Case No. 1-95-033A

3

EXHIBIT 22  
PAGE 3 OF 3 PAGE(S)

# EXHIBIT 23

INTERVIEW REPORT  
OF  
ISAAC ALAMO

On September 6, 1995, Isaac ALAMO, Microbiologist, National Institutes of Health (NIH), was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted in a conference room at NIH, National Cancer Institute (NCI), Building 37, Room 5C12, Bethesda, MD. The interview started at approximately 1:30 p.m.; no other persons were present. The purpose of the interview was to obtain general information regarding the 5th floor laboratories of Building 37 at NIH. The interview was also conducted to determine ALAMO's knowledge of the contamination incident at NIH in which Wenli MA (Maryann) was contaminated with phosphorus-32 (P-32). ALAMO was also questioned regarding the P-32 and P-33 contamination of the water cooler on the 5th floor of Building 37 and because he signed two P-32 delivery slips, item 95015043, dated May 12, 1995, and item 9517057, dated June 9, 1995. ALAMO provided the following information in response to questions.

He resides at [REDACTED] and he has been employed at NIH for eleven years. His telephone number at work is 301-402-0745. His date of birth is [REDACTED] his Social Security Number is [REDACTED]. In [REDACTED] he received a B.S. from the University of Maryland.

The 5th floor of Building 37 contains three laboratories: the Laboratory of Molecular Pharmacology (LMP), the Laboratory of Medicinal Chemistry (LMC), and the Laboratory of Biological Chemistry (LBC). All three laboratories combined have about one hundred and twenty employees; he works in the LMP and his supervisor is Al FORANCE.

He examined the aforementioned delivery item documents and identified his signature on the delivery slips. Copies of the documents are appended. He is the authorized user, and he signed for the delivery of the P-32 that was ordered. He said that when a delivery of radioactive material is received from the NIH Radiation Safety Department, anyone in the laboratory can sign the delivery slip acknowledging the receipt of the material. He said the laboratory log for the usage of P-32 within his laboratory is "ballpark about 80% accurate." He said that it is known, within the laboratory, that users of P-32 sometimes do not accurately log in their usage of P-32 and other radioactive materials in the laboratory log books. He has never lent or given any P-32 to John WEINSTEIN, Wenling ZHENG, or MA. To his knowledge, there is no P-32 missing from his laboratory inventory.

He did drink water from the water cooler that was later determined to be contaminated with P-32 and P-33. He drinks about a half liter of water per day. He submitted a urine sample for testing, but does not know the results of the examination. He was working at the laboratory the night it was discovered that MA was contaminated with P-32. He departed the laboratory about 6:00 p.m.

He could provide no pertinent information regarding the contamination of MA or the water cooler. He is willing to voluntarily submit fingerprints and take a polygraph.

The interview was terminated at approximately 2:10 p.m.

This interview was reported on September 6, 1995.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I

Attachments:  
As stated



MODE:F ACTION:

ARCHIVED MATERIAL

01 ITEM NO 95015043

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| 03 USER ID 011209    |           | 06 CONTAMINATED N     |                  |
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| ITEM INFORMATION                         |  | 23 ADP ORDER INFO |
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|-------------------|-------------|-------|-----------------|

| PACKAGE SCREENS    |                   | 13 STORAGE AMOUNT |
|--------------------|-------------------|-------------------|
| 14 ITEM USERS      | 16 ORDER FORM     |                   |
| 15 USAGE LOCATIONS | 17 LAB DELIVERIES |                   |
| ORDER EXISTS Y     |                   | 0.000             |

| PACKAGE FLAGS      |                     |                     |                |
|--------------------|---------------------|---------------------|----------------|
| 08 PRINT LABEL ? Y | 19 DELIVERY DATES Y | 20 PARTIAL DELIV. N | 21 TRANSFERS N |
| 22 COMMENT         |                     |                     |                |

WHEN ACCESSED FROM INQUIRY, UPDATES ARE NOT ALLOWED.

MODE:F ACTION:14

ARCHIVED MATERIAL

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| 04 STORED N LOCATION |           | 07 DELIVERED 05/12/95 | TO: 37 5C 01     |

| ITEM INFORMATION                         |  | 23 ADP ORDER INFO |
|--|--|-------------------|
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| DCTP                                     |  | 33004X            |

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|-------------------|-------------|-------|-----------------|
| 10 NUCLIDE P - 32 | 11 ACTIVITY | 1.000 | 12 SUPPLIER ICN |
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MODE:F ACTION:

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| 02 | 024885  | BAE        | INSOO      | A      | N    | YNYNNN | 08        |
| 03 | 022858  | ZHAN       | QIMIN      | A      | N    | YNYNN  | 09        |
| 04 |         |            |            |        |      |        | 10        |
| 05 |         |            |            |        |      |        | 11        |
| 06 |         |            |            |        |      |        | 12        |

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DELIVERY ROUTE SHEET

PAGE 3

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| 249 | 95016034 | TORRENCE, P     | NJM51511   | X | 8 B2A 02  | Black Myr   |
| 237 | 95015988 | WOERNER, A      | 001189C168 | X | 29A 3B 05 | Werner WEIR |
| 230 | 95015952 | WAHL, S         | NUY04482   | X | 30 326    | Wahl        |
| 228 | 95015966 | YAMADA, K       | NGP73844   | X | 30 408    | Yamada      |
| 227 | 95015576 | YAMADA, Y       | MD508564   | X | 30 413    | Yamada      |
| 202 | 95015973 | EIDEN, L        | NFS67118   | X | 36 3A 17  | Eiden       |
| 201 | 95015821 | KAUFMAN, S      | NFS61787   | X | 36 3D 30  | Kaufman     |
| 197 | 95015571 | MUSHINSKI, F    | MQ502466   | X | 37 2B 24  | Mushinski   |
| 153 | 95016011 | CHENG, S        | NDC19050   | X | 37 2D 27  | Cheng       |
| 141 | 95015043 | ALAMO, I        | MQ511948   | X | 37 5C 01  | Alamo       |
| 143 | 95016013 | KAHN, R         | NEF20026   | X | 37 5A 05  | Kahn        |
| 142 | 95016012 | SAUSVILLE, E    | NEF20038   | X | 37 5B 16  | Sausville   |
|     | 95016015 | SAUSVILLE, E    | NEF20038   | X | 37 5B 16  | Sausville   |
|     | 95015560 | GOLD, P         | NFF86272   |   | 10 2D 50  |             |
|     | 95014993 | STETLER-STEVENS | MQ504610   |   | 10 2N109  |             |
|     | 95015526 | RAFFELD, M      | MQ507756   |   | 10 2N109  |             |
|     | 95015972 | TOLLIVER, T     | NFF89290   |   | 10 3D 41  |             |
|     | 95015006 | JACOBOWITZ, D   | MD523653   |   | 10 3D 48  |             |
|     | 95015835 | ANGUS, W        | NDV06212   |   | 10 4D 09  |             |

EXHIBIT 23  
PAGE 4 OF 6 PAGE(S)

MODE:F ACTION:

RADIO ACTIVE MATERIAL

01 ITEM NO 95017057

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| 08 CHEMICAL COMPOUND OR ITEM DESCRIPTION<br>DCTP |                     | 09 CATALOG NUM<br>33004X |                       |
| 10 NUCLIDE P - 32                                |                     | 11 ACTIVITY              | 1.000 12 SUPPLIER ICN |
| PACKAGE SCREENS                                  |                     |                          |                       |
| 14 ITEM USERS                                    | 16 ORDER FORM       | 13 STORAGE AMOUNT        |                       |
| 15 USAGE LOCATIONS                               | 17 LAB DELIVERIES   |                          |                       |
| ORDER EXISTS Y                                   |                     | 0.000                    |                       |
| PACKAGE FLAGS                                    |                     |                          |                       |
| 18 DO BAR CODE ? N                               | 19 DELIVERY DATES Y | 20 PARTIAL DELIV. N      | 21 TRANSFERS N        |
| 22 COMMENT                                       |                     |                          |                       |

N FISCHER

MODE:F ACTION:14

RADIO ACTIVE MATERIAL

01 ITEM NO 95017057

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| 03 USER ID 011209 ALAMO                          |           | 06 CONTAMINATED N        | HUMAN                 |
| 04 STORED N LOCATION                             |           | 07 DELIVERED 06/09/95    | TO: 37 5C 01          |
| ITEM INFORMATION                                 |           | 23 ADP ORDER INFO        |                       |
| 08 CHEMICAL COMPOUND OR ITEM DESCRIPTION<br>DCTP |           | 09 CATALOG NUM<br>33004X |                       |
| 10 NUCLIDE P - 32                                |           | 11 ACTIVITY              | 1.000 12 SUPPLIER ICN |

MODE:F ACTION:

PACKAGE USERS

|    | USER-ID LAST NAME, | FIRST      | STATUS | AUTH | BWRLCN | USER MENU |
|----|--------------------|------------|--------|------|--------|-----------|
| 01 | 013470 HOLLANDER   | MARY CHRIS | A      | N    | YNYNNN | 07        |
| 02 | 024885 BAE         | INSOO      | A      | N    | YNYNNN | 08        |
| 03 | 022858 ZHAN        | QIMIN      | A      | N    | YNYNN  | 09        |
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| 05 |                    |            |        |      |        | 11        |
| 06 |                    |            |        |      |        | 12        |

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06/09/95  
16:16

DELIVERY ROUTE SHEET

PAGE 2

| me  | Item Num | Authorized User | PO Num   | Address   | Printed Name<br>& Signature     |
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| 444 | 95017498 | MUSHINSKI, F    | MQ502466 | 37 2B 24  | <i>[Signature]</i><br>MUSHINSKI |
|     | 95017854 | KRAEMER, K      | NVD95151 | 37 3D 06  | <i>[Signature]</i>              |
|     | 95017985 | HENNINGS, H     | NIL57928 | 37 3B 19  |                                 |
|     | 95017986 | DE LUCA, L      | NIL58011 | 37 3A 21  |                                 |
| PKB | 95017057 | ALAMO, I        | MQ511948 | 37 5C 01  | <i>[Signature]</i><br>I Alamo   |
|     | 95016799 | REITZ, M        | NJF64952 | 37 6C 19  |                                 |
|     | 95017860 | WEISSMAN, A     | NSK81934 | 10 1B 34  |                                 |
|     | 95017836 | WEISSMAN, A     | NSK81946 | 10 1B 34  |                                 |
|     | 95017834 | WEISSMAN, A     | NSK81946 | 10 1B 34  |                                 |
|     | 95017765 | SINGER, A       | NDK52266 | 10 3N113  |                                 |
|     | 95017962 | HODES, R        | NDK52400 | 10 4B 10  |                                 |
|     | 95017881 | VERGALLA, J     | NUW56316 | 10 4D 56  |                                 |
|     | 95101010 | ADELSTEIN, R    | NVS95533 | 10 8N202  |                                 |
|     | 95017497 | KASTNER, D      | MD505744 | 10 9N210  |                                 |
|     | 95017981 | HELMAN, L       | NIY33723 | 10 13C215 |                                 |

# EXHIBIT 24

INTERVIEW REPORT  
OF  
N. LEIGH ANDERSON

On October 4, 1995, N. Leigh ANDERSON, President and Chief Executive Officer, Large Scale Biology Corporation (LSBC), Rockville, MD, was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna and Federal Bureau of Investigation Special Agent Richard M. POTOCEK. The interview was conducted at a conference room located at LSBC. The interview started at approximately 1:15 p.m. and no other persons were present. The purpose of the interview was to obtain general information regarding ANDERSON's relationship with John WEINSTEIN and other NIH staff employees. The interview was also conducted to determine ANDERSON's knowledge of the contamination incident at NIH in which Wenli MA was contaminated with phosphorus-32 (P-32). ANDERSON was also questioned regarding the P-32/phosphorus-33 (P-33) contamination of the water cooler on the 5th floor of Building 37 at NIH. ANDERSON provided the following information in response to questions.

He resides at [REDACTED] and has been the President and Chief Executive Officer of LSBC for about 10 years. His date of birth is [REDACTED] and his Social Security Number [REDACTED]. He received his Ph.D. degree in molecular biology in [REDACTED] from Cambridge University, Cambridge, England.

LSBC provides data for protein analysis and is not licensed to conduct NRC licensed material experiments. LSBC does not use radioactive material in their experiments, nor does the company conduct research into Restriction Display. He has had various types of contracts with WEINSTEIN at NIH, including purchase order and other types of contracts. He has conducted business with WEINSTEIN for two to three years. He does not know Wenling ZHENG or Wenli MA. He said that he did work with John BUOLAMWINI and WEINSTEIN on a 2-D gel project and that WEINSTEIN did not monopolize the project. To his knowledge, he knew of no animosity between BUOLAMWINI and WEINSTEIN. Although WEINSTEIN is not a molecular biologist, he has significant knowledge within the field.

ANDERSON has done some collaboration work with WEINSTEIN in which he never charged WEINSTEIN or the NIH because he was mainly interested in the research. He said that WEINSTEIN was cautious regarding his position at NIH and the release of information. ANDERSON noted that on occasion, when he wanted to discuss their work with outside personnel, WEINSTEIN sought consultation from his supervisors at NIH before he would permit ANDERSON to have conversations with outside personnel regarding the research. ANDERSON was aware of two draft papers regarding "Gene Expression Analysis" that WEINSTEIN's staff was writing.

WEINSTEIN is well known in the industry and he opined that WEINSTEIN is dedicated to NIH. He described WEINSTEIN as a scientist with "some project always in the works." He said that WEINSTEIN will take an idea that already exists and "fiddle with it" to change it into something else entirely.

He did work with WEINSTEIN on a project at the NIH Frederick laboratory

regarding human growth cell lines by testing drugs and compounds on the cells.

According to ANDERSON, WEINSTEIN never sought employment at LSBC, nor did WEINSTEIN ever say that he was seeking employment outside of NIH. He made favorable comments regarding WEINSTEIN's reputation.

ANDERSON could provide no pertinent information regarding the contamination incident at NIH in which MA was contaminated with P-32. In addition, he could provide no pertinent information regarding the contamination with P-32 and P-33 of the NIH, Building 37, 5th floor water cooler.


The interview was terminated at approximately 2:00 p.m.

This interview was reported on October 10, 1995.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I



# EXHIBIT 25

REPORT OF INTERVIEW  
WITH  
WILLIAM BONNER

On August 8, 1995, William BONNER, Section Chief, was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted at BONNER's office located at the National Institutes of Health (NIH), National Cancer Institute (NCI), Building 37, Room 5D17, Bethesda, MD. The interview started at approximately 11:30 a.m.; no other persons were present. The purpose of the interview was to obtain general information regarding the 5th floor laboratories of building 37 at NIH. In addition, the interview was conducted to determine BONNER's knowledge of the contamination incidents at NIH in which Wenli MA (Maryann) was contaminated with radioactive phosphorus-32 (P-32) and the 5th floor water cooler being contaminated with P-32. BONNER provided the following information in response to questions.

He resides at [REDACTED] and he has been employed at NIH for approximately twenty-one years. His telephone number at work is 301-496-5942. His date of birth is [REDACTED] Social Security Number [REDACTED]. He did his undergraduate studies at Harvard University and received his Ph.D., in [REDACTED] in molecular biology, from Northwestern University. He works in the Laboratory of Molecular Pharmacology (LMP); his supervisor is Dr. Kurt KOHN.

The laboratory has numerous researchers, with the foreign students being funded under the Fogarty Fellows Program and the U.S. students being funded under the Intermural Research Training Award (IRTA). Wenling ZHENG (Bill) and MA are Fogarty Fellows that are funded from the U.S. State Department.

The 5th floor contains three laboratories; LMP, the Laboratory of Medicinal Chemistry, and the Laboratory of Biological Chemistry. All three laboratories combined have about one hundred and twenty employees, with approximately thirty people working in the LMP. The laboratories are divided into sections. Each section chief supervises from a few employees to over ten employees. He supervises Ann ORR and Vessela IVANOVA.

At one time, he supervised numerous employees; however, he now supervises two. About every five years there is an evaluation of the laboratories, and a determination is made who receives additional space, resources and personnel.

[REDACTED] He did not consider it significant that resources were taken away. He said the work environment at NIH is always changing and it will shift in his favor sometime.

He was not present during the evening that MA was contaminated. He was acting laboratory chief for his supervisor Kurt KOHN, who was on vacation. He left the office about 5:30 p.m. and noticed ZHENG and MA engaging in conversation and MA was removing her sweater and lab coat. At the time, they both did not look upset. He did not think it was significant at the time and about 6:30 p.m. or 7:00 p.m., he received a telephone call from John WEINSTEIN, ZHENG and MA's supervisor, advising him of MA's contamination. WEINSTEIN also

related that the conference room was contaminated. According to BONNER, WEINSTEIN related that ZHENG and MA claimed that somebody put the nuclear material in their food. He learned from WEINSTEIN about WEINSTEIN finding the centrifuge tube the next day.

He recalled WEINSTEIN telling him that he (WEINSTEIN) wrote a one page evaluation of ZHENG and MA's work because ZHENG and MA were concerned they did not have anything to show for their NIH work efforts.

[REDACTED]

He was present when the Health Physicist found the water cooler was contaminated with P-32. He provided assistance to the HP in checking the water cooler.

BONNER could provide no further pertinent information regarding the contamination incident at NIH in which MA was contaminated with P-32. In addition, he could provide no further pertinent information regarding the P-32 contamination of the 5th floor water cooler. He does not suspect anyone of the contamination incidents. He is willing to voluntarily submit fingerprints and take a polygraph.

The interview was terminated at approximately 12:15 p.m.

This interview was reported on August 8, 1995.

Reported by:

*Gerard Kenna*

Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I

# EXHIBIT 26



REPORT OF INTERVIEW  
WITH  
YETTA BUCKBERG

On July 17, 1995, Yetta BUCKBERG, Secretary to the Laboratory Chief, was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted at BUCKBERG's office located at the National Institutes of Health (NIH), National Cancer Institute (NCI), Building #37, Room 5C02, Bethesda, MD. The interview started at approximately 10:49 a.m.; no other persons were present. The purpose of the interview was to obtain general information regarding the 5th floor laboratories of Building 37 at NIH. In addition, the interview was conducted to determine BUCKBERG's knowledge of the contamination incidents at NIH in which Wenli MA (Maryann) was contaminated with radioactive phosphorus-32 (P-32), and the water cooler, on the 5th floor, was contaminated with P-32. BUCKBERG provided the following information in response to questions.

She resides at [REDACTED] and she has been employed at NIH for approximately nine years. Her telephone number at work is 301-496-8065. She declined to state her date of birth [REDACTED] her Social Security Number is [REDACTED]. She graduated from Western High School, Baltimore, MD. She is the secretary to Dr. John DRISCOLL, the Lab Chief of the Laboratory of Medicinal Chemistry (LMC).

The 5th floor contains three laboratories: LMC, the Laboratory of Molecular Pharmacology (LMP), and the Laboratory of Biological Chemistry (LBC). All three laboratories combined have over one hundred employees. The laboratories are divided into sections. Each section chief supervises from a few employees to over ten employees. The section chiefs report to the laboratory chief.

BUCKBERG could provide no pertinent information regarding the contamination incident at NIH in which MA was contaminated with P-32. In addition, she could provide no pertinent information regarding the P-32 contamination of the 5th floor water cooler. She does drink water from the contaminated water cooler and she recently submitted a urine sample for testing. She did not obtain the results of the urine test. She does not suspect anyone of foul play regarding the aforementioned contamination incidents. She suspects the contaminations were careless accidents.

She does not have a key to the LMP conference room, in which contamination was discovered. She said that each laboratory has their own set of keys. She is willing to voluntarily submit fingerprints.

The interview was terminated at approximately 11:00 a.m.

This interview was reported on July 17, 1995.

Reported by:

*Gerard Kenna*

Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I

# EXHIBIT 28

INTERVIEW REPORT  
OF  
BRAD CARLSON

On September 18, 1995, Brad CARLSON, biologist, National Institutes of Health (NIH), was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted at a conference room located at the NIH, National Cancer Institute (NCI), Building 37, Room 5C12, Bethesda, MD. The interview started at approximately 2:24 p.m.; no other persons were present. The purpose of the interview was to obtain general information regarding the 5th floor laboratories of building 37 at the NIH. The interview was also conducted to determine CARLSON's knowledge of the contamination incident at NIH in which Wenli MA (Maryann) was contaminated with phosphorus-32 (P-32). CARLSON was also questioned regarding the P-32 and phosphorus-33 (P-33) contamination of the water cooler on the 5th floor of Building 37. In particular, CARLSON was interviewed because he signed one P-32 delivery slip, item 95014751 dated April 26, 1995. CARLSON provided the following information in response to questions:

He resides at [REDACTED] and he has been employed at NIH for 3 years. His telephone number at work is 301-402-2968. His date of birth is [REDACTED] and his Social Security Number is [REDACTED]. He received a B.S. degree in [REDACTED] in biological sciences from Michigan State University, East Lansing, Michigan.

The 5th floor of Building 37 contains three laboratories: the Laboratory of Molecular Pharmacology (LMP), the Laboratory of Medicinal Chemistry (LMC), and the Laboratory of Biological Chemistry (LBC). All three laboratories combined have about one hundred and twenty employees. CARLSON works in the LBC and his supervisors are Al FORANCE and Peter ORELAND.

CARLSON examined the attached delivery item document and identified his signature on the delivery slip. He said that when the delivery of radioactive material is received from the NIH Radiation Safety Department, anyone in the laboratory can sign the delivery slip acknowledging the receipt of the material. He said the laboratory log for the usage of P-32 within his laboratory is "not the greatest" indicating the log may be inaccurate. He has never lent or given any P-32 to John WEINSTEIN, Wenling ZHENG or MA. To his knowledge, there is no missing P-32 from his laboratory inventory.

CARLSON did drink water from the water cooler that was later determined to be contaminated with P-32. He drinks about a cup of water per day, usually coffee. He submitted a urine sample, and the results of the examination indicated slight contamination [REDACTED]. He was working at the laboratory (attending a meeting) on the night it was discovered that MA was contaminated with P-32. He departed the laboratory about the time the contamination incident started.

He could provide no pertinent information regarding the contamination of MA or the water cooler. He is willing to voluntarily submit fingerprints and take a polygraph.

The interview was terminated at approximately 2:40 p.m.

This interview was reported on September 18, 1995.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I

Attachments:  
As stated



Case No. 1-95-033

2

EXHIBIT 28  
PAGE 2 OF 4 PAGE(S)

MODE:F ACTION:14

ARCHIVED MATERIAL

01 ITEM NO 95014751

|                      |           |                       |                  |
|----------------------|-----------|-----------------------|------------------|
| 02 ORDER NO NEF20862 | BLANKET N | 05 ARRIVED 04/26/95   | CHECKED 04/26/95 |
| 03 USER ID 007728    | BATTEY    | 06 CONTAMINATED N     |                  |
| 04 STORED N          | LOCATION  | 07 DELIVERED 04/26/95 | TO: 37 5D 12     |

| ITEM INFORMATION                         |  | 23 ADP ORDER INFO |  |
|--|--|-------------------|--|
| 08 CHEMICAL COMPOUND OR ITEM DESCRIPTION |  | 09 CATALOG NUM    |  |
| ORTHOPHOSPHATE                           |  | 64014L            |  |

|                   |             |        |                 |
|-------------------|-------------|--------|-----------------|
| 10 NUCLIDE P - 32 | 11 ACTIVITY | 10.000 | 12 SUPPLIER ICN |
|-------------------|-------------|--------|-----------------|

MODE:F ACTION:

PACKAGE USERS

| USER-ID   | LAST NAME, | FIRST   | STATUS | AUTH | BWRLCN | USER MENU |
|-----------|------------|---------|--------|------|--------|-----------|
| 01 018653 | SAINZ      | EDUARDO | A      | N    | YNYNNN | 07        |
| 02 026896 | KROOG      | GLENN   | A      | N    | YNYNNN | 08        |
| 03        |            |         |        |      |        | 09        |
| 04        |            |         |        |      |        | 10        |
| 05        |            |         |        |      |        | 11        |
| 06        |            |         |        |      |        | 12        |

Can't change the specified field(s).

MODE:F ACTION:17

ARCHIVED MATERIAL

01 ITEM NO 95014751

|                      |           |                       |                  |
|----------------------|-----------|-----------------------|------------------|
| 02 ORDER NO NEF20862 | BLANKET N | 05 ARRIVED 04/26/95   | CHECKED 04/26/95 |
| 03 USER ID 007728    |           | 06 CONTAMINATED N     |                  |
| 04 STORED N          | LOCATION  | 07 DELIVERED 04/26/95 | TO: 37 5D 12     |

| ITEM INFORMATION                         |  | 23 ADP ORDER INFO |  |
|--|--|-------------------|--|
| 08 CHEMICAL COMPOUND OR ITEM DESCRIPTION |  | 09 CATALOG NUM    |  |
| ORTHOPHOSPHATE                           |  | 64014L            |  |

|                   |             |        |                 |
|-------------------|-------------|--------|-----------------|
| 10 NUCLIDE P - 32 | 11 ACTIVITY | 10.000 | 12 SUPPLIER ICN |
|-------------------|-------------|--------|-----------------|

MODE:F ACTION:

LAB DELIVERIES

AMOUNT IN STORAGE

0.000

| AMOUNT    | DATE     | LOCATION | AMOUNT | DATE | LOCATION |
|-----------|----------|----------|--------|------|----------|
| 01 10.000 | 04/26/95 | 37 5D 12 | 07     |      |          |
| 02        |          |          | 08     |      |          |
| 03        |          |          | 09     |      |          |
| 04        |          |          | 10     |      |          |
| 05        |          |          | 11     |      |          |
| 06        |          |          | 12     |      |          |

04/26/95  
12:40

DELIVERY ROUTE SHEET

PAGE 2

me Item Num Authorized User PO Num Address Printed Name & Signature

|      |          |               |          |           |                |
|------|----------|---------------|----------|-----------|----------------|
| 1:21 | 95014809 | BLUMBERG, P   | NIL60217 | 37 3A 07  | Lewin N. Lewin |
| 1:18 | 95014751 | BATTEY, J     | NEF20862 | 37 5D 12  | Brad Carlson   |
|      | 95014834 | GRALNICK, H   | NGY84250 | 10 2C390  | Trish Call     |
|      | 95014816 | KOPP, J       | NVV91368 | 10 3N104  |                |
|      | 95014770 | GERSHON, E    | NJZ30700 | 10 4N320  |                |
|      | 95014769 | GERSHON, E    | NJZ30700 | 10 4N320  |                |
|      | 95014814 | SMITH, Q      | NST11702 | 10 6C103  |                |
|      | 95014817 | SMITH, Q      | NST11702 | 10 6C103  |                |
|      | 95014758 | PLOTZ, P      | NEG96734 | 10 9N244  |                |
|      | 95014803 | SIEBENLIST, U | NCD09471 | 10 11B 16 |                |
|      | 95014671 | KATZ, S       | NUF02047 | 10 12N250 |                |

# EXHIBIT 29

INTERVIEW REPORT  
OF  
FRANCE CARRIER

On September 6, 1995, France CARRIER, Visiting Fellow, National Institutes of Health (NIH), was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted in a conference room located at the NIH, National Cancer Institute (NCI), Building 37, Room 5C25, Bethesda, MD. The interview started at approximately 1:07 p.m.; no other persons were present. The purpose of the interview was to obtain general information regarding the 5th floor laboratories of Building 37 at NIH. The interview was also conducted to determine CARRIER's knowledge of the contamination incident at NIH in which Wenli MA (Maryann) was contaminated with radioactive phosphorus-32 (P-32). CARRIER was also questioned regarding the P-32 and P-33 contamination of the water cooler on the 5th floor of Building 37 and because she signed for one of the P-32 delivery slips; item 95014005, dated April 28, 1995. CARRIER provided the following information in response to questions.

She resides at [REDACTED] and she has been employed at NIH for about six years. Her telephone number at work is 301-402-0745. Her date of birth is [REDACTED] and her Social Security Number is [REDACTED]. In [REDACTED] she received a B.A. from the University of Quebec; her Ph.D. from Montreal University in [REDACTED].

The 5th floor of Building 37 contains three laboratories: the Laboratory of Molecular Pharmacology (LMP), the Laboratory of Medicinal Chemistry (LMC), and the Laboratory of Biological Chemistry (LBC). All three laboratories combined have about one hundred and twenty employees; she works in the LMP and her supervisor is Al FORANCE.

She examined the aforementioned delivery item document and identified her signature on the delivery slip. A copy of the document is appended. She signed for the delivery of P-32 that was ordered by the authorized user, Isaac ALAMO. She said that when a delivery of radioactive material is received from the NIH Radiation Safety Department, anyone in the laboratory can sign the delivery slip acknowledging the receipt of the material. She claimed the laboratory log for the usage of P-32 within her laboratory is accurate. She was aware that radioactive material was lent to other laboratories, but she has never lent or given any P-32 to John WEINSTEIN, Wenling ZHENG, or MA. To her knowledge, there is no P-32 missing from her laboratory inventory.

She did not drink water from the water cooler that was later determined to be contaminated with P-32 and P-33, and she was not working at the laboratory the night it was discovered that MA was contaminated with P-32.

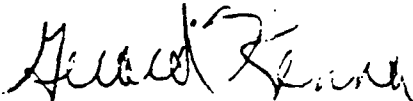
She could provide no pertinent information regarding the contamination of MA or the water cooler. She is willing to voluntarily submit fingerprints and take a polygraph.



The interview was terminated approximately 1:18 p.m.

This interview was reported on September 6, 1995.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I

Attachments:  
As stated



MODE:F ACTION:

ARCHIVED MATERIAL

01 ITEM NO 95014005

|                      |           |                       |                  |
|----------------------|-----------|-----------------------|------------------|
| 02 ORDER NO MQ511948 | BLANKET Y | 05 ARRIVED 04/28/95   | CHECKED 04/28/95 |
| 03 USER ID 011209    |           | 06 CONTAMINATED N     |                  |
| 04 STORED N LOCATION |           | 07 DELIVERED 04/28/95 | TO: 37 5C 01     |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
DCTP09 CATALOG NUM  
33004X

ACTUAL

10 NUCLIDE P - 32 11 ACTIVITY 1.000 12 SUPPLIER ICN

## PACKAGE SCREENS

|                    |                   |
|--------------------|-------------------|
| 14 ITEM USERS      | 16 ORDER FORM     |
| 15 USAGE LOCATIONS | 17 LAB DELIVERIES |
| ORDER EXISTS Y     |                   |

13 STORAGE AMOUNT

0.000

## PACKAGE FLAGS

18 PRINT LABEL ? Y 19 DELIVERY DATES Y 20 PARTIAL DELIV. N 21 TRANSFERS N

22 COMMENT

WHEN ACCESSED FROM INQUIRY, UPDATES ARE NOT ALLOWED.

MODE:F ACTION:14

ARCHIVED MATERIAL

01 ITEM NO 95014005

|                      |           |                       |                  |
|----------------------|-----------|-----------------------|------------------|
| 02 ORDER NO MQ511948 | BLANKET Y | 05 ARRIVED 04/28/95   | CHECKED 04/28/95 |
| 03 USER ID 011209    |           | 06 CONTAMINATED N     |                  |
| 04 STORED N LOCATION |           | 07 DELIVERED 04/28/95 | TO: 37 5C 01     |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
DCTP09 CATALOG NUM  
33004X

ACTUAL

10 NUCLIDE P - 32 11 ACTIVITY 1.000 12 SUPPLIER ICN

MODE:F ACTION:

## PACKAGE USERS

|    | USER-ID | LAST NAME, | FIRST      | STATUS | AUTH | BWRLCN | USER MENU |
|----|---------|------------|------------|--------|------|--------|-----------|
| 01 | 013470  | HOLLANDER  | MARY CHRIS | A      | N    | YNYNNN | 07        |
| 02 | 024885  | BAE        | INSOO      | A      | N    | YNYNNN | 08        |
| 03 | 022858  | ZHAN       | QIMIN      | A      | N    | YNYNN  | 09        |
| 04 |         |            |            |        |      |        | 10        |
| 05 |         |            |            |        |      |        | 11        |
| 06 |         |            |            |        |      |        | 12        |

THESE USER LINKS EXIST FOR THIS PACKAGE'S USE.

EXHIBIT 29  
PAGE 3 OF 4 PAGE(S)

04/28/95  
14:31

DELIVERY ROUTE SHEET

PAGE 1

| me  | Item Num | Authorized User | PO Num     | Address   | Printed Name & Signature |
|-----|----------|-----------------|------------|-----------|--------------------------|
| 32  | 95015037 | BLAESE, M       | NPM05807   | 49 2B 07  | RODER                    |
| 402 | 95015005 | SCHWARTZ, R     | NCG21791   | 4 111     | Betsy Major              |
|     | 95014850 | NASH, T         | NCG23775   | 4 B1 31   |                          |
| 304 | 95014014 | HAYES, M        | 001176C79  | 29A 2A 17 | WEBB D. Webb             |
| 315 | 95014531 | NOTKINS, A      | MD514321   | 30 114    | Paul Zhou                |
| 314 | 95014447 | CARDINALI, M    | NVV91450   | 30 213    | Taramoto                 |
| 312 | 95014533 | YAMADA, Y       | MD508564   | 30 413    | Shiley Lee               |
|     | 95014534 | MUSHINSKI, F    | MQ502466   | 37 2B 24  | K. H. H. H.              |
| 258 | 95014005 | ALAMO, I        | MQ511948   | 37 5C 01  | CARR                     |
|     | 95012963 | ALAMO, I        | MQ511948   | 37 5C 01  | Canice                   |
| 329 | 95014387 | GOLD, P         | NFF91418   | 10 2D 39  | Imur Alshukhli           |
| 356 | 95015063 | NISSLEY, S      | NUF00075   | 10 3B 55  | LOPACZYNSKI              |
| 351 | 95014530 | KASTNER, D      | MD505744   | 10 9N210  | 7 Ausen                  |
|     | 95014701 | BLITHE, D       | N01HD53222 | 10 10N258 | ARSEN                    |

Nobody home!

done - 1, 2  
champs v3, e -  
Questions - Lab grade -

# EXHIBIT 30

REPORT OF INTERVIEW  
WITH  
JOSEPH CASCIARI

On August 3, 1995, Joseph CASCIARI, Researcher, was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted at a conference room located at the National Institutes of Health (NIH), National Cancer Institute (NCI), Building 37, Room 5C12, Bethesda, MD. The interview started at approximately 11:23 a.m.; no other persons were present. The purpose of the interview was to obtain general information regarding the 5th floor laboratories of building 37 at the NIH. The interview was also conducted to determine CASCIARI's knowledge of the contamination incident at NIH in which Wenli MA (Maryann) was contaminated with radioactive phosphorus-32 (P-32). In addition, CASCIARI was questioned regarding the P-32 contamination of the water cooler on the 5th floor of Building 37. CASCIARI provided the following information in response to questions.

He resides at [REDACTED] and he has been employed at NIH since October 1992. His telephone number at work is 301-496-9572. His date of birth is [REDACTED] at [REDACTED] Social Security Number [REDACTED]. He received his Ph.D. in Chemical Engineering, from University of Rochester, Rochester, NY. He works in the Laboratory of Molecular Pharmacology (LMP); his supervisor is John WEINSTEIN. He has worked in WEINSTEIN's laboratory since he started his employment at NIH. He is an Intermural Research Training Award fellow; he conducts experimental therapeutics research. He was previously employed, in a post doctorate position, conducting research, from 1989 until October 1992, at the University of Washington Medical Center, Seattle, WA.

He plans to leave NIH in mid August 1995 and work at the Institute of the Improvement of Human Functioning, Wichita, KS. He also plans to teach at the Butler County Community College, Rose Hill, KS. He will reside at [REDACTED]. His wife is already working in KS and he plans to join her shortly.

He was not working when it was discovered that MA was contaminated with P-32. He was in KS seeking employment and later moving his personal belongings to his residence in [REDACTED] KS. His annual leave started on Tuesday June 27th and he returned to work on July 8, 1995.

The 5th floor contains three laboratories: LMP, the Laboratory of Medicinal Chemistry (LMC), and the Laboratory of Biological Chemistry (LBC). All three laboratories combined have about one hundred and twenty employees. The laboratories are further divided and supervised by section heads. WEINSTEIN is a section head.

To his knowledge, ZHENG and MA are not competing with anyone within the laboratory. Both ZHENG and MA are very hard workers and, to his knowledge, get along well with their mentor, John WEINSTEIN. He is not in competition with ZHENG or MA because they are Molecular Biologists. He is in a different field. ZHENG and MA are the only Molecular Biologists in the laboratory. He considers WEINSTEIN, MA and ZHENG friends.

ZHENG and MA have been successful with their research. He claimed that ZHENG and MA were using new techniques in their research and that some of their work could result in a patent. He never observed WEINSTEIN pressuring any researcher in their projects; WEINSTEIN was always enthusiastic with the work researchers were conducting.

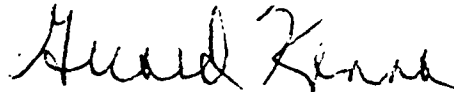
CASCIARI could provide no further pertinent information regarding the contamination incident in which MA was contaminated with P-32. In addition, he could provide no pertinent information regarding the P-32 contamination of the 5th floor water cooler. He does not suspect anyone in particular of the aforementioned contamination incidents. In particular, he does not suspect ZHENG, MA, or WEINSTEIN of the contamination incidents. To his knowledge, there is no animosity within the laboratory.

He is willing to voluntarily submit fingerprints. He would seek counsel from his parents and an attorney before submitting to a polygraph.

The interview was terminated approximately 12:10 p.m.

This interview was reported on August 3, 1995.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I

# EXHIBIT 31

INTERVIEW REPORT  
OF  
JENNY CLARK

On September 18, 1995, Jenny CLARK, microbiologist, National Institutes of Health (NIH), was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted at the NIH, National Cancer Institute (NCI), Building 37, Room 5C12, Bethesda, MD. The interview started at about 2:00 p.m.; no other persons were present. The purpose of the interview was to verify her signature on delivery slips, item 95018112, 95018118 dated June 11, 1995, and item 95014022, dated April 14, 1995. CLARK provided the following information in response to questions:

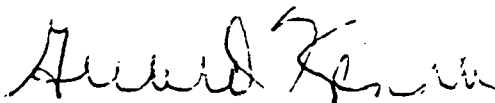
She acknowledged that she was previously interviewed by OI and she related basically the same information that was provided during her first interview.

She examined the aforementioned delivery item documents and identified her signature on the delivery slips. Copies of the documents are appended. She said that when the delivery of radioactive material is received from the NIH Radiation Safety Department, anyone in the laboratory can sign the delivery slips acknowledging the receipt of the material. She said the laboratory log for the usage of P-32 within her laboratory is not very accurate.

The interview was terminated at approximately 2:20 p.m.

This interview was reported on September 18, 1995.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I

Attachments:  
As stated



Case No. 1-95-033



MODE:F ACTION:14

RADIO ACTIVE MATERIAL

01 ITEM NO 95018118

|                             |           |                       |          |         |          |
|-----------------------------|-----------|-----------------------|----------|---------|----------|
| 02 ORDER NO NEF14031        | BLANKET N | 05 ARRIVED            | 06/11/95 | CHECKED | 06/11/95 |
| 03 USER ID 019918 SAUSVILLE |           | 06 CONTAMINATED N     | HUMAN    | N       |          |
| 04 STORED N LOCATION        |           | 07 DELIVERED 06/13/95 | TO: 37   | 5E 20   |          |

| ITEM INFORMATION                         |  | 23 ADP ORDER INFO |
|--|--|-------------------|
| 08 CHEMICAL COMPOUND OR ITEM DESCRIPTION |  | 09 CATALOG NUM    |
| ATP                                      |  | PB10168           |

|                   |             |       |                 |
|-------------------|-------------|-------|-----------------|
| 10 NUCLIDE P - 32 | 11 ACTIVITY | 1.000 | 12 SUPPLIER A/S |
|-------------------|-------------|-------|-----------------|

MODE:F ACTION:

PACKAGE USERS

| USER-ID   | LAST NAME, | FIRST   | STATUS | AUTH | BWRLCN | USER MENU |
|-----------|------------|---------|--------|------|--------|-----------|
| 01 019919 | KAUR       | GURMEET | A      | N    | YNYNN  | 07        |
| 02        |            |         |        |      |        | 08        |
| 03        |            |         |        |      |        | 09        |
| 04        |            |         |        |      |        | 10        |
| 05        |            |         |        |      |        | 11        |
| 06        |            |         |        |      |        | 12        |

Can't change the specified field(s).

MODE:F ACTION:17

RADIO ACTIVE MATERIAL

01 ITEM NO 95018118

|                             |           |                       |          |         |          |
|-----------------------------|-----------|-----------------------|----------|---------|----------|
| 02 ORDER NO NEF14031        | BLANKET N | 05 ARRIVED            | 06/11/95 | CHECKED | 06/11/95 |
| 03 USER ID 019918 SAUSVILLE |           | 06 CONTAMINATED N     | HUMAN    | N       |          |
| 04 STORED N LOCATION        |           | 07 DELIVERED 06/13/95 | TO: 37   | 5E 20   |          |

| ITEM INFORMATION                         |  | 23 ADP ORDER INFO |
|--|--|-------------------|
| 08 CHEMICAL COMPOUND OR ITEM DESCRIPTION |  | 09 CATALOG NUM    |
| ATP                                      |  | PB10168           |

|                   |             |       |                 |
|-------------------|-------------|-------|-----------------|
| 10 NUCLIDE P - 32 | 11 ACTIVITY | 1.000 | 12 SUPPLIER A/S |
|-------------------|-------------|-------|-----------------|

MODE:F ACTION:

LAB DELIVERIES

AMOUNT IN STORAGE

0.000

| AMOUNT   | DATE     | LOCATION | CONFIRMATION |
|----------|----------|----------|--------------|
| 01 1.000 | 06/13/95 | 37 5E 20 | 07           |
| 02       |          |          | 08           |
| 03       |          |          | 09           |
| 04       |          |          | 10           |
| 05       |          |          | 11           |
| 06       |          |          | 12           |

06/13/95  
12:45

DELIVERY ROUTE SHEET

PAGE 1

Time Item Num Authorized User PO Num Address Printed Name  
& Signature

35 | 95018041 | WENTHOLD, R | NQG03996 | 36 5D 08 | [Signature]

-----

| 95018168 | STRICKLAND, J | NIL57631 | 37 3B 19 |

-----

225 | 95018112 | SAUSVILLE, E | NEF14031 | 37 5E 20 | [Signature]

| 95018118 | SAUSVILLE, E | NEF14031 | 37 5E 20 |

-----

| 95018226 | LOMONICO, A | NJF64404 | 37 6C 23 |

-----

| 95017995 | ECKELMAN, W | MM531432 | 10 4D 43 |

| 95017996 | ECKELMAN, W | MM531432 | 10 4D 43 |

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| 95018034 | LENARDO, M | NCD95252 | 10 11D 09 |

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MODE:F ACTION:14

RADIO ACTIVE MATERIAL

01 ITEM NO 95018112

|                             |           |                   |          |         |          |
|-----------------------------|-----------|-------------------|----------|---------|----------|
| 02 ORDER NO NEF14031        | BLANKET N | 05 ARRIVED        | 06/11/95 | CHECKED | 06/11/95 |
| 03 USER ID 019918 SAUSVILLE |           | 06 CONTAMINATED N | HUMAN    | N       |          |
| 04 STORED N LOCATION        |           | 07 DELIVERED      | 06/14/95 | TO:     | 37 5E 20 |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
PHOSPHORUS-3209 CATALOG NUM  
PBS13A

ACTUAL

10 NUCLIDE P - 32 11 ACTIVITY 20.000 12 SUPPLIER A/S

MODE:F ACTION:

## PACKAGE USERS

|    | USER-ID LAST NAME, | FIRST   | STATUS AUTH | BWRLCN | USER MENU |
|----|--------------------|---------|-------------|--------|-----------|
| 01 | 019919 KAUR        | GURMEET | A N         | YNNN   | 07        |
| 02 |                    |         |             |        | 08        |
| 03 |                    |         |             |        | 09        |
| 04 |                    |         |             |        | 10        |
|    |                    |         |             |        | 11        |
| 06 |                    |         |             |        | 12        |

Can't change the specified field(s).

MODE:F ACTION:17

RADIO ACTIVE MATERIAL

01 ITEM NO 95018112

|                             |           |                   |          |         |          |
|-----------------------------|-----------|-------------------|----------|---------|----------|
| 02 ORDER NO NEF14031        | BLANKET N | 05 ARRIVED        | 06/11/95 | CHECKED | 06/11/95 |
| 03 USER ID 019918 SAUSVILLE |           | 06 CONTAMINATED N | HUMAN    | N       |          |
| 04 STORED N LOCATION        |           | 07 DELIVERED      | 06/14/95 | TO:     | 37 5E 20 |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
PHOSPHORUS-3209 CATALOG NUM  
PBS13A

ACTUAL

10 NUCLIDE P - 32 11 ACTIVITY 20.000 12 SUPPLIER A/S

MODE:F ACTION:

## LAB DELIVERIES

AMOUNT IN STORAGE

0.000

|    | AMOUNT | DATE     | LOCATION | CONFIRMATION |
|----|--------|----------|----------|--------------|
| 01 | 10.000 | 06/13/95 | 37 5E 20 | 07           |
| 02 | 10.000 | 06/14/95 | 37 5E 20 | 08           |
| 03 |        |          |          | 09           |
| 04 |        |          |          | 10           |
| 05 |        |          |          | 11           |
| 06 |        |          |          | 12           |

06/14/95  
7:29

DELIVERY ROUTE SHEET

PAGE 1

*fu*

| Time  | Item Num | Authorized User | PO Num   | Address  | Printed Name & Signature |
|-------|----------|-----------------|----------|----------|--------------------------|
| 9:10  | 91035237 | LIN, C          | TRANSFER | FDAB 111 | <i>T. Sullivan</i>       |
| 9:10  | 91035237 | LIN, C          | TRANSFER | FDAB 111 |                          |
| 9:31  | 95018200 | GERMAIN, R      | NCU23318 | TB2 125  | <i>T. Sullivan</i>       |
| 9:125 | 95017264 | HIRSCH, V       | MD503674 | TB2 223  | <i>Schubert</i>          |
| 9:54  | 95018006 | BIRRER, M       | NVP48708 | KWC 300  | <i>Tensen</i>            |
|       | 95018004 | BIRRER, M       | NVP48708 | KWC 300  |                          |
|       | 95018003 | BIRRER, M       | NVP48708 | KWC 300  |                          |
|       | 95018001 | BIRRER, M       | NVP48708 | KWC 300  |                          |
|       | 95018005 | BIRRER, M       | NVP48708 | KWC 300  |                          |
| 9:54  | 95018009 | BIRRER, M       | NVP48711 | KWC 300  | <i>Tensen</i>            |
|       | 95018008 | BIRRER, M       | NVP48711 | KWC 300  |                          |
| 9:19  | 95017286 | GOLDMAN, D      | MD510366 | PK5 425  | <i>M. G. K. G. K.</i>    |
| 8:09  | 95018214 | ANGUS, W        | NDV98286 | 28 DWING | <i>Allen 8:25</i>        |
|       | 95101000 | SHENG, H        | NIX69211 | 6B 2B211 |                          |
|       | 95018039 | NASH, H         | NFS54643 | 36 1B 08 |                          |
| 3:01  | 95101002 | BOTTARO, D      | NEN65500 | 37 1D 15 | <i>UPEN</i>              |
| 3:05  | 95018112 | SAUSVILLE, E    | NEF14031 | 37 5E 20 | <i>Jenny Clark</i>       |
| 7:48  | 95015978 | FEJKA, R        | FM437555 | 10 1C415 |                          |
| 7:48  | 95017758 | FEJKA, R        | FM439311 | 10 1C415 |                          |
| 7:48  | 95018213 | FEJKA, R        | MM526631 | 10 1C415 |                          |
| 7:48  | 95018123 | FEJKA, R        | NDV09815 | 10 1C415 |                          |
| 12:34 | 95018248 | HORAK, I        | NUF93796 | 10 5A 08 | <i>STEFANOVA</i>         |

MODE:F ACTION:14

ARCHIVED MATERIAL

01 ITEM NO 95014022

|                        |           |                       |                  |
|------------------------|-----------|-----------------------|------------------|
| 02 ORDER NO NEF21018   | BLANKET N | 05 ARRIVED 04/14/95   | CHECKED 04/14/95 |
| 03 USER ID 012656 KAHN |           | 06 CONTAMINATED N     |                  |
| 04 STORED N LOCATION   |           | 07 DELIVERED 04/17/95 | TO: 37 5E 26     |

ITEM INFORMATION

|   |                           |
|---|---------------------------|
| 08 CHEMICAL COMPOUND OR ITEM DESCRIPTION<br>ATP | 23 ADP ORDER INFO         |
|   | 09 CATALOG NUM<br>BLU502A |

ACTUAL

|                   |             |       |                 |
|-------------------|-------------|-------|-----------------|
| 10 NUCLIDE P - 32 | 11 ACTIVITY | 1.000 | 12 SUPPLIER NEN |
|-------------------|-------------|-------|-----------------|

MODE:F ACTION:

PACKAGE USERS

| USER-ID   | LAST NAME, | FIRST   | STATUS | AUTH | BWRLCN | USER MENU |
|-----------|------------|---------|--------|------|--------|-----------|
| 01 012656 | KAHN       | RICHARD | A      | Y    | YNNNNN | 07        |
| 02        |            |         |        |      |        | 08        |
| 03        |            |         |        |      |        | 09        |
| 04        |            |         |        |      |        | 10        |
| 06        |            |         |        |      |        | 11        |
|           |            |         |        |      |        | 12        |

Can't change the specified field(s).

MODE:F ACTION:17

ARCHIVED MATERIAL

01 ITEM NO 95014022

|                      |           |                       |                  |
|----------------------|-----------|-----------------------|------------------|
| 02 ORDER NO NEF21018 | BLANKET N | 05 ARRIVED 04/14/95   | CHECKED 04/14/95 |
| 03 USER ID 012656    |           | 06 CONTAMINATED N     |                  |
| 04 STORED N LOCATION |           | 07 DELIVERED 04/17/95 | TO: 37 5E 26     |

ITEM INFORMATION

|   |                           |
|---|---------------------------|
| 08 CHEMICAL COMPOUND OR ITEM DESCRIPTION<br>ATP | 23 ADP ORDER INFO         |
|   | 09 CATALOG NUM<br>BLU502A |

ACTUAL

|                   |             |       |                 |
|-------------------|-------------|-------|-----------------|
| 10 NUCLIDE P - 32 | 11 ACTIVITY | 1.000 | 12 SUPPLIER NEN |
|-------------------|-------------|-------|-----------------|

MODE:F ACTION:

LAB DELIVERIES

AMOUNT IN STORAGE

0.000

| AMOUNT   | DATE     | LOCATION | AMOUNT | DATE | LOCATION |
|----------|----------|----------|--------|------|----------|
| 01 1.000 | 04/17/95 | 37 5E 26 | 07     |      |          |
| 02       |          |          | 08     |      |          |
| 03       |          |          | 09     |      |          |
| 04       |          |          | 10     |      |          |
| 05       |          |          | 11     |      |          |
| 06       |          |          | 12     |      |          |

MODE:F ACTION:14

ARCHIVED MATERIAL

01 ITEM NO 95014024

|                        |           |                       |                  |
|------------------------|-----------|-----------------------|------------------|
| 02 ORDER NO NEF21018   | BLANKET N | 05 ARRIVED 04/14/95   | CHECKED 04/14/95 |
| 03 USER ID 012656 KAHN |           | 06 CONTAMINATED N     |                  |
| 04 STORED N LOCATION   |           | 07 DELIVERED 04/17/95 | TO: 37 5E 26     |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
DCTP09 CATALOG NUM  
BLU513H

ACTUAL

10 NUCLIDE P - 32 11 ACTIVITY 1.000 12 SUPPLIER NEN

MODE:F ACTION:

## PACKAGE USERS

| USER-ID LAST NAME, | FIRST   | STATUS AUTH | BWRLCN | USER MENU |
|--------------------|---------|-------------|--------|-----------|
| 01 012656 KAHN     | RICHARD | A Y         | YNYNNN | 07        |
| 02                 |         |             |        | 08        |
| 03                 |         |             |        | 09        |
| 04                 |         |             |        | 10        |
| 05                 |         |             |        | 11        |
| 06                 |         |             |        | 12        |

Can't change the specified field(s).

MODE:F ACTION:17

ARCHIVED MATERIAL

01 ITEM NO 95014024

|                      |           |                       |                  |
|----------------------|-----------|-----------------------|------------------|
| 02 ORDER NO NEF21018 | BLANKET N | 05 ARRIVED 04/14/95   | CHECKED 04/14/95 |
| 03 USER ID 012656    |           | 06 CONTAMINATED N     |                  |
| 04 STORED N LOCATION |           | 07 DELIVERED 04/17/95 | TO: 37 5E 26     |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
DCTP09 CATALOG NUM  
BLU513H

ACTUAL

10 NUCLIDE P - 32 11 ACTIVITY 1.000 12 SUPPLIER NEN

MODE:F ACTION:

## LAB DELIVERIES

AMOUNT IN STORAGE

0.000

| AMOUNT   | DATE     | LOCATION | AMOUNT | DATE | LOCATION |
|----------|----------|----------|--------|------|----------|
| 01 1.000 | 04/17/95 | 37 5E 26 | 07     |      |          |
| 02       |          |          | 08     |      |          |
| 03       |          |          | 09     |      |          |
| 04       |          |          | 10     |      |          |
| 05       |          |          | 11     |      |          |
| 06       |          |          | 12     |      |          |

EXHIBIT

PAGE 7 OF 8 PAGE(S)

04/17/95  
12:48

DELIVERY ROUTE SHEET

PAGE 1

Time Item Num Authorized User PO Num Address Printed Name & Signature

35 | 95013885 | LIU, T | 001189C149 | 29 B3 |  
35 | 95013886 | LIU, T | 001189C149 | 29 B3 | 7 hr

345 | 95013883 | FEINSTONE, S | 001168C274 | 29A 1D 02 | J. Sherman

342 | 95014175 | KHAN, A | 001168C218 | 29A 3D 06 | J. Sears

342 | 95014176 | KHAN, A | 001168C228 | 29A 3D 06 | J. Sears

344 | 95013893 | HOROWITZ, J | 001168C278 | 29A 3B 19 | J. Dougherty

319 | 95014031 | ALAMO, I | NEF17058 | 37 5C 01 | C. Haller  
Hollander

318 | 95014022 | KAHN, R | NEF21018 | 37 5E 26 |  
318 | 95014024 | KAHN, R | NEF21018 | 37 5E 26 | Penny Clark

| 95013910 | KARLSSON, S | MD518763 | 10 4N311 |

| 95014027 | STRACKE, M | NSQ81831 | 10 B1B 40 |

# EXHIBIT 32



INTERVIEW REPORT  
OF  
JENNY CLARK

On August 23, 1995, Jenny CLARK, Microbiologist, National Institutes of Health (NIH) was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted at the NIH, National Cancer Institute (NCI), Building 37, Room 5C12, Bethesda, MD. The interview started at about 1:45 p.m. and no other persons were present. The purpose of the interview was to obtain general information regarding the 5th floor laboratories of building 37 at the NIH. The interview was also conducted to determine CLARK's knowledge of the contamination incident at NIH in which Wenli MA was contaminated with phosphorus-32 (P-32) and the contamination of the 5th floor water cooler. In addition, CLARK was interviewed to determine her use of clear P-32, since she is an authorized user of P-32. CLARK provided the following information in response to questions:

She resides at [REDACTED] and has been employed by NIH for about 11 1/2 years. Her telephone number at work is 301-402-2969; her date of birth is [REDACTED] and her Social Security Number is [REDACTED]. She graduated from the University of Alabama with a degree in Microbiology.

CLARK works on the 5th Floor of Building 37. The floor contains three laboratories: the Laboratory of Biological Chemistry (LBC), the Laboratory of Molecular Pharmacology (LMP), and the Laboratory of Biological Chemistry. All three laboratories have about one hundred and twenty employees. She works in the LBC and her supervisor is Ed SAUSVILLE.

CLARK is an authorized user of radioactive material and she orders about one millicurie of colored P-32 (ATP) a week. She does not order or use clear P-32. Gurmeet KAUR is the only authorized user that she is aware of that uses clear P-32. The P-32 that she orders is used by about twenty people including Dr. Adrian SENDEROWICZ, Dr. SAUSVILLE, Bradley CARLSON, Dr. Peter WORLAND, Oizhi WANG, Ronald FELSTED, Dr. Anne ROSENWALD, Dr. Annette BOMAN, Margaret CAVENAGH, and Richard KAHN. She formally ordered P-32 for Dr. James BATTEY's group including Mark AKESON, Lori HAMPTON, Eduardo SAINZ, Glen KROOG, and Mark HELLMICH. BATTEY's group is no longer working in Building 37. Most of the P-32 that she orders ends up not being used by the staff. The P-32 eventually will decay in fourteen days. The radioactive material is stored in a refrigerator in room 5E24 on the 5th floor of building 37. She probably would give P-32 to a known researcher on the 5th floor, if requested. She never gave any P-32 to MA, Wenling ZHENG, or John WEINSTEIN. If some P-32 was taken from her supply, she would not miss it, as her inventory records are in disarray.

CLARK could provide no pertinent information regarding the contamination incident at NIH in which MA was contaminated with P-32. She was at home the night MA was determined to be contaminated. She drinks about twenty ounces of water from the water cooler a day. She submitted a urine sample and the results indicated that she had a reading of [REDACTED] in her urine. She does not suspect any one person of foul play regarding the aforementioned contamination

incidents. She believes the incidents were deliberate. The source of the P-32 could have come from waste material or from bi-product material.

The interview concluded at about 2:10 p.m.

This interview was reported on August 28, 1995.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I

# EXHIBIT 33

REPORT OF INTERVIEW  
WITH  
JEROME CLARK

On August 2, 1995, Jerome CLARK, Laboratory Worker, was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted at the National Institutes of Health (NIH), National Cancer Institute (NCI), Building #37, 4th floor conference room, Bethesda, MD. The interview started at approximately 11:41 p.m.; no other persons were present. The purpose of the interview was to determine CLARK's knowledge of the contamination incidents at NIH in which Wenli MA (Maryann) was contaminated with radioactive phosphorus-32 (P-32) and the water cooler, on the 5th floor, being contaminated with P-32. CLARK was interviewed because computer records indicated that he entered Building 37, at 5:33 a.m. on June 30, 1995. CLARK was questioned to determine if he allowed anyone to enter the building when he used his keycard. The building is locked from 6:00 p.m. to approximately 6:00 a.m.; entrance is made by using a keycard. CLARK provided the following information in response to questions. He resides at [REDACTED] and he has been employed at NIH for about twenty-two years. His telephone number at work is 301-496-3578. His date of birth is [REDACTED]; his Social Security Number is [REDACTED].

CLARK could provide no pertinent information regarding the contamination incident at NIH in which MA was contaminated with P-32. In addition, he could provide no pertinent information regarding the P-32 contamination of the 5th floor water cooler.

He said that he did enter building 37 at 5:33 a.m. on June 30th with his key card as indicated by the computer records. He did not loan his keycard to anyone and he usually will not allow anyone to follow him into the building except for cleaning personnel that he knows. Although he can not specifically recall entering the building on the aforementioned date and time, he does not recall an oriental male or female entering the building with him at that time. He said that Building 35, 36, and 37 are all connected underground via a tunnel. It is possible to enter any of the buildings to get to the 5th floor of Building 37. In addition, there is a door at the back of building 36 near the cafeteria that is always open and does not require a keycard.

He could provide no further pertinent information.

This interview was reported on August 3, 1995.

Reported by:

*Gerard Kenna*

Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I

# EXHIBIT 34

REPORT OF INTERVIEW  
WITH  
RICHARD CYSYK

On August 8, 1994, Richard CYSYK, Section Chief, was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna and NRC, Medical Inspection Section A, Division of Radiation Safety and Safeguards (DRSS), Senior Health Physicist James P. DWYER. The interview was conducted at a conference office located at the National Institutes of Health (NIH), National Cancer Institute (NCI), Building 37, Room 5C12, Bethesda, MD. The interview started at approximately 10:44 a.m.; no other persons were present. The interview was conducted to determine CYSYK's knowledge of the contamination incidents at NIH in which Wenli MA (Maryann) was contaminated with radioactive phosphorus-32 (P-32) and the water cooler, on the 5th floor, being contaminated with P-32. CYSYK provided the following information in response to questions.

He resides at [REDACTED] and he has been employed at NIH for approximately twenty-three years. His telephone number at work is 301-496-4116. His date of birth is [REDACTED]. Social Security Number is [REDACTED]. He graduated with a Ph.D from Yale University in [REDACTED] with a degree in Pharmacology. He is a section chief; he works in the Laboratory of Medicinal Chemistry. Dr. John DRISCOLL is his supervisor.

CYSYK could provide no pertinent information regarding the contamination incident at NIH in which MA was contaminated with P-32. In addition, he could provide no pertinent information regarding the P-32 contamination of the 5th floor water cooler. He does not suspect anyone in particular of foul play regarding the aforementioned contamination incidents.


The interview was terminated at approximately 11:00 a.m.

This interview was reported on August 10, 1995.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I

  
Case No. 1-95-033A

# EXHIBIT 35

REPORT OF INTERVIEW  
WITH  
TODD DANIELSON

On July 17, 1995, Todd DANIELSON, Administrative Officer,, was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted at DANIELSON's office located at the National Institutes of Health (NIH), National Cancer Institute (NCI), Building 37, Room 5C12, Bethesda, MD. The interview started at approximately 8:45 a.m.; no other persons were present. The purpose of the interview was to obtain general information regarding the 5th floor laboratories of building 37 at the NIH. The interview was also conducted to determine DANIELSON's knowledge of the contamination incident at NIH in which Wenli MA (Maryann) was contaminated with radioactive phosphorus-32 (P-32). In addition, DANIELSON was questioned regarding the P-32 contamination of the water cooler on the 5th floor of Building 37. DANIELSON provided the following information in response to questions.

He resides at [REDACTED] and has been an employee of NIH since 1991. His office telephone number is 301-496-4967. His Social Security Number is [REDACTED] date of birth [REDACTED]. He received a B.A. in [REDACTED] from the University of Pittsburgh, Pittsburgh, PA, and an M.A. from Boston University in [REDACTED].


DANIELSON stated that he is the administrative officer for the 5th floor of building 37. The floor contains three laboratories; the Laboratory of Medicinal Chemistry, Laboratory of Molecular Pharmacology (LMP) and the Laboratory of Biological Chemistry. All three laboratories have about one hundred and twenty employees with approximately sixty people working in the LMP. DANIELSON provided the names of employees that work on the 5th floor of building 37, a copy of which is appended. DANIELSON provided a diagram of the 5th floor, a copy is appended. ZHENG, MA and WEINSTEIN are employed by the LMP; Kurt KOHN is the laboratory chief.

DANIELSON could provide no pertinent information regarding the contamination incident at NIH in which MA was contaminated with P-32. In addition, he could provide no pertinent information regarding the contamination with P-32 of the 5th floor water cooler. He does not have a key to the LMP conference room in which P-32 contamination was found. He is willing to voluntarily submit fingerprints.

DANIELSON stated that ZHENG and MA are Fogarty Fellows from the Peoples Republic of China. Prior to the contamination incident on June 29, 1995, ZHENG and MA never complained about the treatment they received from WEINSTEIN, their mentor and supervisor. DANIELSON did state, however, that he did received a telephone call from ZHENG and MA on July 10, 1995, complaining that WEINSTEIN was responsible for the contamination of MA. DANIELSON documented the conversation in a memorandum, a copy is appended. During that conversation, ZHENG and MA requested a transfer in order that they would no longer be supervised by WEINSTEIN.

[REDACTED]



  
The interview was terminated at approximately 9:30 a.m.

This interview was reported on July 17, 1995.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I

Attachment:  
As stated

Laboratory of Medicinal Chemistry

Dr. John Driscoll

Dr. George Milne

Dr. Shaomeng Wang

Dr. Mark Nicklaus

Dr. Isadore Posey

Dr. David Johns

Andrew Robbins

Yetta Buckberg

Sandra Taubenkibel

Dr. James Kelley

Jeri Roth

Dr. Harry Ford

Dr. Heping Zhang

Dr. Jian Wang

Dr. Richard Cysyk

Christine Chisena

Roosevelt Hyman

Nancy Malinowski

Thao Nguyen

Dr. Victor Marquez

Dr. Peter Roller

M. Siddiqui

Dr. Terrence Burke

Dr. Joseph Barchi

Dr. Jeewoo Lee

Dr. Lak Shin Jeong

Dr. Abdallah Ezzitouni

Dr. Bin Ye

Dr. Hisafumi Ikeda

Dr. He Zhao

Dr. Feng-Di (Tiffany) Lung

Pam Russ

Laboratory of Molecular Pharmacology

Dr. Kurt Kohn

Madie Tyler

Roslyn Johnson

Dr. Patrick O'Connor

Diane Duba

Saijun Fan

Dan Marcus

Pei Wang

Michael Yu

Hong Liang Zhang


Dr. William Bonner

Vessela Ivanova

Ann Orr

Dr. John Weinstein

Joseph Casciari

  
Yi Fan

Guang Li

Wenli Ma

Timothy Myers

Mark Waltham

Wenling Zheng

**Dr. Albert Fornace**

Isaac Alamo

Insoo Bae

France Carrier

I-Tsuen Chen

Jeremy Chou

Mary Hollander

Ajay Sreenath

Kelley Yu

Qimin Zhan

**Dr. Yves Pommier**

Julie Chen

Akira Fujikori

Yuko Fujimori

Marzia Gariboldi

Francois Goldwasser

Malini Gupta

Jeffrey Jenkins

Glenda Kohlhagen

Francois Leteurte

Abhijit Mazumder

Nouri Neamati

Wilberto Nieves-Neira

Corinne Pondarre

Rong-Guang Shao

Tsunehiro Shimizu

Rosimar Torres-Leon

Monica Valentine

Jessie Yung

Dr. Ernest Hamel

Ruo-Li Bai

Andrei Blokhin

Kevin Choe

Richard Kowalski

Chi Lin

Anthony Rimicci

Dr. Marco Rabinovitz

Administrative Staff

Todd Danielson

Jean Barley

Frances Hawkins

Jamaa Hill

Barbara Levine

Donna Todd

NOSLOT - Hester Stewart

Laboratory of Biological Chemistry  
Dr. Albert Fornace, Acting Lab Chief

Dion Hamlin

Dr. Maria Zajac-Kaye

Melissa Blake

William Reinhold

Dr. Valery Bliskovsky

Dr. Jacek Niklinski

Dr. Edward Sausvill

Dr. Bernard Parker

Dr. Adrian Senderowicz

Dr. Theodore Breitman

Jenny Clark

Gurmeet Kaur

Bradley Carlson

Dr. Peter Worland

Dr. Mohammed Taimi

Qizhi Wang

Dr. Michael Losiewicz

Danielle Dabbs

Dr. Ronald Felsted

Constance Glover

Kathleen Hartman

Dr. Fu-Sheng Shen

Qian Shen

Dr. Richard Kahn



Stacey Sturch

Margaret Cavenagh

Dr. Paul Randazzo

Dr. Chun-Jiang Zhang

Dr. Anne Rosenwald

Dr. Annette Boman

Dr. Ming-Sheng Xie

Dr. Daniel Sharer

Sandor Berghoffer

Dr. Battey's Group

Mark Akeson

James Battey

Lori Hampton

Eduardo Sainz

Glen Kroog

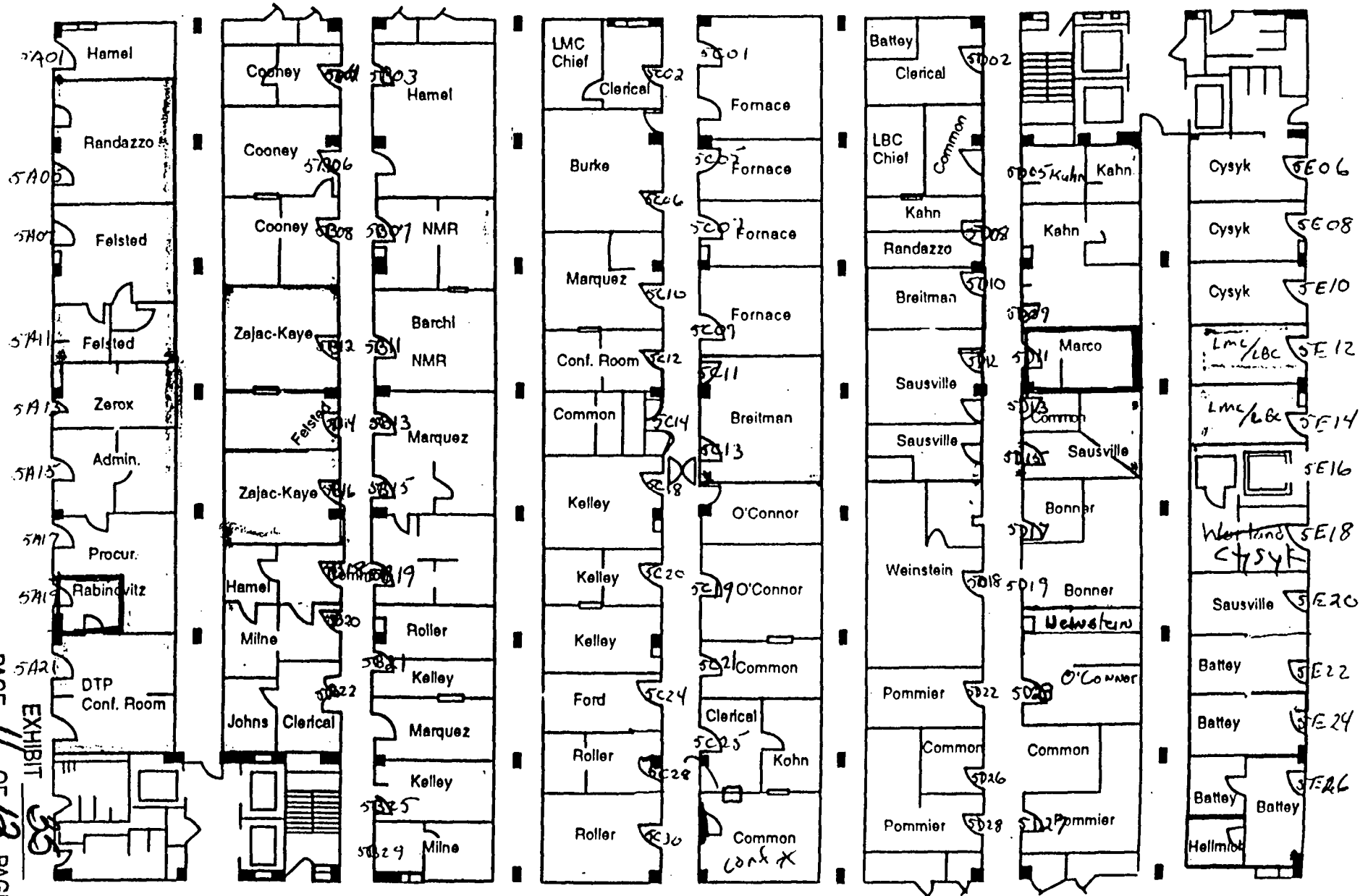
Mark Hellmich

After Aug. 23 walk through

# DTP-Building 37-Fifth Floor

proposed cell  
micro-injector for  
LMP use.

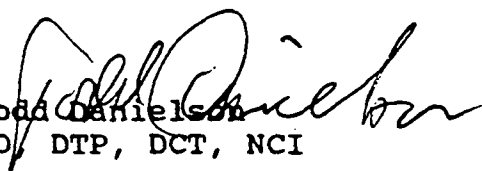
LMP Kurt Kohn  
Lmc John Driscoll  
AO Todd Danielson



July 10, 1995

Memorandum for the Record

I received a call this morning, July 10, 1995, from Wenling Zheng (Bill) and Wen Li Ma (Marian). Marian was crying. They told me that they are very afraid of Dr. John Weinstein and that they strongly suspect him of contaminating Marian with radiation. They further indicated that he had been harassing them over the past year, that they think he did this to them, and that they think he is covering-up the investigation. They said that Dr. Weinstein has behaved strangely since they informed him that Marian is pregnant. They noted their concern that Dr. Weinstein wants Marian to have an abortion because a baby would interfere with laboratory research. They also noted that until very recently, they have not been able to tell the investigators everything because Dr. Weinstein has been present during the interviews. They said that they were able to talk to the investigators for the first time on Friday July 7, 1995 but were fearful to tell everything because Dr. Weinstein is powerful person. They indicated that they are preparing a written statement for the investigators. They said that they do not want to work for Dr. Weinstein anymore.

  
Todd Danielson  
AO, DTP, DCT, NCI

# EXHIBIT 36

INTERVIEW REPORT  
OF  
PATRICK DONAHUE

On September 20, 1993, Patrick DONAHUE, National Research Council Fellow, at the National Institutes of Health (NIH), was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted at an office located at the NIH, Laboratory of Neurochemistry, National Institute of Deafness & Communicable Diseases (NIDCD), Rockville, MD. The interview started at approximately 9:03 a.m. and no other persons were present. The purpose of the interview was to obtain general information regarding the 5th floor laboratories of Building 37 at the NIH. The interview was also conducted to determine DONAHUE's knowledge of the contamination incident at NIH in which Wenli MA was contaminated with phosphorus-32 (P-32). DONAHUE was questioned regarding the P-32 and phosphorus-33 (P-33) contamination of the water cooler on the 5th floor of Building 37. He was also questioned regarding the receipt of items 95015792, 95015793, dated May 9, 1995, and the receipt of items 95014691, 95014692, dated April 24, 1995. DONAHUE provided the following information in response to questions:

He resides at [REDACTED] and has been employed at NIH since December 1994. His work telephone number is 301-594-0213. His date and place of birth is [REDACTED] and his Social Security Number is [REDACTED]. In [REDACTED] he received a biochemistry degree from the University of Massachusetts at Amherst, MA, and his M.A. from West Virginia University in [REDACTED]. He received his Ph.D. in [REDACTED] in Genetics from the George Washington University. He is employed at NIH on a three year research fellowship.

The 5th floor of Building 37, contains three laboratories: the Laboratory of Medicinal Chemistry, the Laboratory of Molecular Pharmacology, and the Laboratory of Biological Chemistry (LBC). While working in Building 37, DONAHUE worked in James BATTEY's group in the LBC. He worked there from December 1994, when he started at NIH until June 1995, when BATTEY's group was transferred to NIDCD in Rockville, MD.

DONAHUE could provide no pertinent information regarding the contamination incident at NIH in which MA was contaminated with P-32. He was working in his Rockville, MD laboratory when the MA contamination incident occurred. In addition, he could provide no pertinent information regarding the contamination with P-32 and P-33 of the 5th floor water cooler. He did not drink water from the water cooler.

He identified his signature on the attached delivery route sheets. He said it was routine for anyone in the laboratory to sign for radioactive material when it was delivered from the NIH Radiation Safety Department. He maintained his radioactive material in a refrigerator in Peter WORLAND's laboratory. He was aware that some radioactive material was borrowed from other laboratories, but he never lent any radioactive to WEINSTEIN, ZHENG or MA. To his knowledge there were no logs regarding the usage of radioactive material and there was no missing radioactive material from his inventory.

He is willing to voluntarily submit fingerprints, and would submit to a polygraph examination.

The interview was terminated at approximately 9:25 a.m.

This interview was reported on September 20, 1995.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I

Attachment:  
As stated



MODE:F ACTION:14

ARCHIVED MATERIAL

01 ITEM NO 95015792

|                      |            |                 |          |         |          |
|----------------------|------------|-----------------|----------|---------|----------|
| 02 ORDER NO NEF20171 | BLANKET N  | 05 ARRIVED      | 05/09/95 | CHECKED | 05/09/95 |
| 03 USER ID 007728    | BATTEY     | 06 CONTAMINATED | N        |         |          |
| 04 STORED            | N LOCATION | 07 DELIVERED    | 05/10/95 | TO:     | 37 5E 26 |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
ATP

09 CATALOG NUM  
BLU502A

ACTUAL

10 NUCLIDE P - 32      11 ACTIVITY      1.000 12 SUPPLIER NEN

MODE:F ACTION:

## PACKAGE USERS

| USER-ID   | LAST NAME, | FIRST | STATUS | AUTH | BWRLCN | USER MENU |
|-----------|------------|-------|--------|------|--------|-----------|
| 01 009902 | HAMPTON    | LORI  | A      | N    | YNNNN  | 07        |
| 02        |            |       |        |      |        | 08        |
| 03        |            |       |        |      |        | 09        |
| 04        |            |       |        |      |        | 10        |
| 05        |            |       |        |      |        | 11        |
| 06        |            |       |        |      |        | 12        |

Can't change the specified field(s).

MODE:F ACTION:17

ARCHIVED MATERIAL

01 ITEM NO 95015792

|                      |            |                 |          |         |          |
|----------------------|------------|-----------------|----------|---------|----------|
| 02 ORDER NO NEF20171 | BLANKET N  | 05 ARRIVED      | 05/09/95 | CHECKED | 05/09/95 |
| 03 USER ID 007728    |            | 06 CONTAMINATED | N        |         |          |
| 04 STORED            | N LOCATION | 07 DELIVERED    | 05/10/95 | TO:     | 37 5E 26 |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
ATP

09 CATALOG NUM  
BLU502A

ACTUAL

10 NUCLIDE P - 32      11 ACTIVITY      1.000 12 SUPPLIER NEN

MODE:F ACTION:

## LAB DELIVERIES

AMOUNT IN STORAGE

0.000

| AMOUNT   | DATE     | LOCATION | AMOUNT | DATE | LOCATION |
|----------|----------|----------|--------|------|----------|
| 01 1.000 | 05/10/95 | 37 5E 26 | 07     |      |          |
| 02       |          |          | 08     |      |          |
| 03       |          |          | 09     |      |          |
| 04       |          |          | 10     |      |          |
| 05       |          |          | 11     |      |          |
| 06       |          |          | 12     |      |          |

MODE:F ACTION:14

ARCHIVED MATERIAL

01 ITEM NO 95015793

|                      |           |                       |                  |
|----------------------|-----------|-----------------------|------------------|
| 02 ORDER NO NEF20171 | BLANKET N | 05 ARRIVED 05/09/95   | CHECKED 05/09/95 |
| 03 USER ID 007728    | BATTEY    | 06 CONTAMINATED N     |                  |
| 04 STORED N          | LOCATION  | 07 DELIVERED 05/10/95 | TO: 37 5E 26     |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
DCTP09 CATALOG NUM  
BLU513H

ACTUAL

10 NUCLIDE P - 32 11 ACTIVITY 1.000 12 SUPPLIER NEN

MODE:F ACTION:

## PACKAGE USERS

|    | USER-ID LAST NAME, | FIRST | STATUS AUTH | BWRLCN | USER MENU |
|----|--------------------|-------|-------------|--------|-----------|
| 01 | 009902 HAMPTON     | LORI  | A N         | YNYNNN | 07        |
| 02 |                    |       |             |        | 08        |
| 03 |                    |       |             |        | 09        |
| 04 |                    |       |             |        | 10        |
| 05 |                    |       |             |        | 11        |
| 06 |                    |       |             |        | 12        |

Can't change the specified field(s).

MODE:F ACTION:17

ARCHIVED MATERIAL

01 ITEM NO 95015793

|                      |           |                       |                  |
|----------------------|-----------|-----------------------|------------------|
| 02 ORDER NO NEF20171 | BLANKET N | 05 ARRIVED 05/09/95   | CHECKED 05/09/95 |
| 03 USER ID 007728    |           | 06 CONTAMINATED N     |                  |
| 04 STORED N          | LOCATION  | 07 DELIVERED 05/10/95 | TO: 37 5E 26     |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
DCTP09 CATALOG NUM  
BLU513H

ACTUAL

10 NUCLIDE P - 32 11 ACTIVITY 1.000 12 SUPPLIER NEN

MODE:F ACTION:

## LAB DELIVERIES

AMOUNT IN STORAGE

0.000

|    | AMOUNT | DATE     | LOCATION |    | AMOUNT | DATE | LOCATION |
|----|--------|----------|----------|----|--------|------|----------|
| 01 | 1.000  | 05/10/95 | 37 5E 26 | 07 |        |      |          |
| 02 |        |          |          | 08 |        |      |          |
| 03 |        |          |          | 09 |        |      |          |
| 04 |        |          |          | 10 |        |      |          |
| 05 |        |          |          | 11 |        |      |          |
| 06 |        |          |          | 12 |        |      |          |



05/10/95  
15:39

DELIVERY ROUTE SHEET

PAGE 1

Time Item Num Authorized User PO Num Address Printed Name & Signature

95014883 | NUSSBAUM, B | MD520043 | 49 4B 75  
95014883 | NUSSBAUM, B | MD520043 | 49 4B 75

95015881 | MARAIA, R | NIX70658 | 6 3A 08

350 95015795 | SCHWARTZ, R | NCG19804 X | 4 431 Pasque & Uto

95015879 | METCALF, R | 001128C53 | 29B 1E 16

95015880 | ODENWALD, W | NGU33303 | 36 3C 17

405 95015871 | HALLENBECK, J | NGI39706 X  
95015870 | HALLENBECK, J | NGI39706 X 36 4B 26 J. Gascon

95015888 | CROUCH, R | NDP96000 | 37B 1B 25

8 95015861 | JOHNSON, A | NDC16723 X | 37 2D 18 Alfred Johnson

356 95015793 | BATTEY, J | NEF20171 X  
95015792 | BATTEY, J | NEF20171 X 37 5E 26 Patrick Donohue

95015714 | GERMAIN, R | NCD01281 X | 10 11D 18

(E)

|                      |           |                       |                  |
|----------------------|-----------|-----------------------|------------------|
| 02 ORDER NO NEF20823 | BLANKET N | 05 ARRIVED 04/24/95   | CHECKED 04/24/95 |
| 03 USER ID 007728    | BATTEY    | 06 CONTAMINATED N     |                  |
| 04 STORED N          | LOCATION  | 07 DELIVERED 04/25/95 | TO: 37 5E 26     |

ITEM INFORMATION

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION ATP

23 ADP ORDER INFO

09 CATALOG NUM BLU502A

ACTUAL

10 NUCLIDE P - 32 11 ACTIVITY 1.000 12 SUPPLIER NEN

MODE:F ACTION:

## PACKAGE USERS

| USER-ID   | LAST NAME, | FIRST   | STATUS | AUTH | BWRLCN | USER MENU |
|-----------|------------|---------|--------|------|--------|-----------|
| 01 029472 | DONOHUE    | PATRICK | A      | N    | YNYNNN | 07        |
| 02        |            |         |        |      |        | 08        |
| 03        |            |         |        |      |        | 09        |
| 04        |            |         |        |      |        | 10        |
| 05        |            |         |        |      |        | 11        |
| 06        |            |         |        |      |        | 12        |

Can't change the specified field(s).

MODE:F ACTION:17

## ARCHIVED MATERIAL

01 ITEM NO 95014691

|                      |           |                       |                  |
|----------------------|-----------|-----------------------|------------------|
| 02 ORDER NO NEF20823 | BLANKET N | 05 ARRIVED 04/24/95   | CHECKED 04/24/95 |
| 03 USER ID 007728    |           | 06 CONTAMINATED N     |                  |
| 04 STORED N          | LOCATION  | 07 DELIVERED 04/25/95 | TO: 37 5E 26     |

ITEM INFORMATION

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION ATP

23 ADP ORDER INFO

09 CATALOG NUM BLU502A

ACTUAL

10 NUCLIDE P - 32 11 ACTIVITY 1.000 12 SUPPLIER NEN

MODE:F ACTION:

## LAB DELIVERIES

AMOUNT IN STORAGE

0.000

| AMOUNT   | DATE     | LOCATION | AMOUNT | DATE | LOCATION |
|----------|----------|----------|--------|------|----------|
| 01 1.000 | 04/25/95 | 37 5E 26 | 07     |      |          |
| 02       |          |          | 08     |      |          |
| 03       |          |          | 09     |      |          |
| 04       |          |          | 10     |      |          |
| 05       |          |          | 11     |      |          |
| 06       |          |          | 12     |      |          |

EXHIBIT

PAGE 6 OF 8 PAGE(S)

MODE:F ACTION:14

ARCHIVED MATERIAL

01 ITEM NO 95014692

|                      |            |                 |          |         |          |
|----------------------|------------|-----------------|----------|---------|----------|
| 02 ORDER NO NEF20823 | BLANKET N  | 05 ARRIVED      | 04/24/95 | CHECKED | 04/24/95 |
| 03 USER ID 007728    | BATTEY     | 06 CONTAMINATED | N        |         |          |
| 04 STORED            | N LOCATION | 07 DELIVERED    | 04/25/95 | TO:     | 37 5E 26 |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
DCTP09 CATALOG NUM  
BLU513H

ACTUAL

10 NUCLIDE P - 32 11 ACTIVITY 1.000 12 SUPPLIER NEN

MODE:F ACTION:

## PACKAGE USERS

| USER-ID | LAST NAME, | FIRST   | STATUS  | AUTH | BWRLCN | USER MENU |
|---------|------------|---------|---------|------|--------|-----------|
| 01      | 029472     | DONOHUE | PATRICK | A    | N      | YNNNN     |
| 02      |            |         |         |      |        | 07        |
| 03      |            |         |         |      |        | 08        |
| 04      |            |         |         |      |        | 09        |
| 05      |            |         |         |      |        | 10        |
| 06      |            |         |         |      |        | 11        |
|         |            |         |         |      |        | 12        |

Can't change the specified field(s).

MODE:F ACTION:17

ARCHIVED MATERIAL

01 ITEM NO 95014692

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| 02 ORDER NO NEF20823 | BLANKET N  | 05 ARRIVED      | 04/24/95 | CHECKED | 04/24/95 |
| 03 USER ID 007728    |            | 06 CONTAMINATED | N        |         |          |
| 04 STORED            | N LOCATION | 07 DELIVERED    | 04/25/95 | TO:     | 37 5E 26 |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
DCTP09 CATALOG NUM  
BLU513H

ACTUAL

10 NUCLIDE P - 32 11 ACTIVITY 1.000 12 SUPPLIER NEN

MODE:F ACTION:

## LAB DELIVERIES

AMOUNT IN STORAGE

0.000

| AMOUNT | DATE  | LOCATION | AMOUNT | DATE | LOCATION |
|--------|-------|----------|--------|------|----------|
| 01     | 1.000 | 04/25/95 | 37     | 5E   | 26       |
| 02     |       |          |        |      |          |
| 03     |       |          |        |      |          |
| 04     |       |          |        |      |          |
| 05     |       |          |        |      |          |
| 06     |       |          |        |      |          |

04/25/95  
10:21

DELIVERY ROUTE SHEET

JN (13)

PAGE 1

| me | Item Num | Authorized User | PO Num | Address | Printed Name & Signature |
|----|----------|-----------------|--------|---------|--------------------------|
|----|----------|-----------------|--------|---------|--------------------------|

|      |          |                 |            |          |                  |
|------|----------|-----------------|------------|----------|------------------|
| 1125 | 95100459 | SAMELSON, L     | NUU35356   | 18T 101  | J. Williams      |
| 1146 | 95100435 | CHEN, H         | NUU26304   | 49 6B23  |                  |
| 1143 | 95100492 | CASHEL, M       | NIX76367   | 6B 3B314 | CASHEL           |
| 1107 | 95014563 | QUARLES, R      | NJU55384   | 49 2B 32 | Carl Lauter      |
| 1138 | 95014244 | MARTIN, M       | MD520591   | 4 337    | Elkharabi        |
| 1140 | 95014693 | CRAIGIE, R      | NJM54280   | 5 324    |                  |
| 1146 | 95010396 | CRAIGIE, R      | NJM73041   | 5 324    | Marie O'Neill    |
| 1129 | 95014682 | PADGETT, W      | NJA22018   | 8A 1A 19 | Padgett          |
| 1115 | 95014666 | NAKHASI, H      | 001189C155 | 29 109   | W. Pogue         |
| 1118 | 95014686 | NOTKINS, A      | NJQ23155   | 30 122   | Notkins          |
| 1097 | 95014720 | KOLENBRANDER, P | NGP75658   | 30 310   | Kolenbrander     |
| 1045 | 95014733 | SMITH, C        | NXT29522   | 36 1A 05 | Mona Pedersen    |
| 1049 | 95014713 | LICHTEN, M      | NPL23203   | 37 4D 14 | WJ               |
| 1048 | 95014692 | BATTEY, J       | NEF20823   | 37 5E 26 | Patricia Doherty |
|      | 95014691 | BATTEY, J       | NEF20823   | 37 5E 26 |                  |
|      | 95014714 | BRADY, R        | NGI39121   | 10 3D 11 |                  |
|      | 95013719 | HODES, R        | MQ505786   | 10 4B 10 |                  |
|      | 95014718 | WALDMANN, T     | NUF00884   | 10 4N104 |                  |
|      | 95014397 | MITSUAYA, H     | NDT18794   | 10 5A 13 |                  |

EXHIBIT

PAGE 8 OF 8 PAGES

# EXHIBIT 37

REPORT OF INTERVIEW  
WITH  
JOHN DRISCOLL

On July 17, 1995, John DRISCOLL, Laboratory Chief, was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted at DRISCOLL's office located at the National Institutes of Health (NIH), National Cancer Institute (NCI), Building #37, Room 5C02, Bethesda, MD. The interview started at approximately 11:00 a.m.; no other persons were present. The purpose of the interview was to obtain general information regarding the 5th floor laboratories of Building 37 at NIH. In addition, the interview was conducted to determine DRISCOLL's knowledge of the contamination incident at NIH in which Wenli MA (Maryann) was contaminated with radioactive Phosphorus-32 (P-32). Also, DRISCOLL was questioned regarding the P-32 contamination of the water cooler on the 5th floor. DRISCOLL provided the following information in response to questions.

He resides at [REDACTED] and he has been employed at NIH for approximately twenty seven years. His telephone number at work is 301-496-8065. His date of birth is [REDACTED] Social Security Number [REDACTED]. He received his Ph.D from Princeton University, Princeton, NJ. He works in the Laboratory of Medicinal Chemistry (LMC); his supervisor is Dr. Ed SUASVILLE (301-496-8720). The LMC is divided into section chiefs and each section chief supervises from a few employees to over ten employees.

The 5th floor contains three laboratories: LMC, the Laboratory of Molecular Pharmacology (LMP), and the Laboratory of Biological Chemistry (LBC). All three laboratories combined have about one hundred and twenty employees, with approximately thirty people working in the LMC. He supervises the thirty employees along with his section chiefs.

DRISCOLL could provide no pertinent information regarding the contamination incident at NIH in which MA was contaminated with P-32. In addition, he could provide no pertinent information regarding the P-32 contamination of the 5th floor water cooler. He does not suspect anyone of the aforementioned contamination incidents; [REDACTED]

[REDACTED] He DRISCOLL not have a key to the LMP conference room, in which P-32 was discovered on the floor. He is willing to voluntarily submit fingerprints.

The interview was terminated at approximately 11:20 a.m.

This interview was reported on July 18, 1995.

Reported by:

*Gerard Kenna*

Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I

# EXHIBIT 38

REPORT OF INTERVIEW  
WITH  
JAMES P. DWYER

NRC Inspector James P. DWYER was interviewed by the reporting investigator on August 15, 1995, at the NRC, Region I, located at 475 Allendale Road, King of Prussia, PA. DWYER is assigned as the onsite team leader, for the NRC Augmented Inspection Team (AIT), investigating the June 29, 1995, contamination event at the Department of Health and Human Services National Institutes of Health (NIH), Bethesda, MD. One purpose of this interview is to discuss AIT findings concerning the NIH laboratory notebooks assigned to Wen Ling ZHENG and Wenli MA (husband and wife). The second purpose is to discuss the contaminated water sample from the NIH, Building 37, water cooler catch basin now in possession of the NRC at Region I.

DWYER provided biographical information as follows:

Date and Place of Birth: [REDACTED]  
SSN: [REDACTED]  
Education: B.S. Biology/Chemistry University of Miami  
MBA University of Miami  
Current Employment: USNRC 5 1/2 years; Senior Health Physicist,  
Medical Inspection Section

In substance, DWYER provided the following information regarding the laboratory notebooks assigned to ZHENG and MA:

ZHENG and MA are National Cancer Institute Forgarty Fellows from the People's Republic of China. They work for Dr. John WEINSTEIN in laboratory 5D18, Building 37, at NIH. WEINSTEIN has the overall responsibility for the laboratory and is the authorized user of NRC regulated material in the laboratory.

When DWYER interviewed ZHENG and MA on July 20, 1995, the couple identified Dr. John BUOLAMWINI as a researcher in laboratory 5D18, Building 37, prior to their arrival. DWYER confirmed this with BUOLAMWINI who said that he remained working in the laboratory for about one month after ZHENG and MA's arrival in August 1994. ZHENG and MA told DWYER that due to their overlap of laboratory time with BUOLAMWINI, they were able to start their research in August because BUOLAMWINI had Phosphorus-32 (P-32) in stock. However, BUOLAMWINI told DWYER that he did not have P-32 in stock because he had not used it for many months prior to the couples arrival. During the time that he spent with ZHENG and MA, BUOLAMWINI's understanding was that they spent their time getting acclimated, and preparing for their research.

DWYER spoke to WEINSTEIN and it was WEINSTEIN's recollection that ZHENG and MA did not start using P-32 for "some time" after their arrival. It was WEINSTEIN's belief that the couple did not start using P-32 until December 1994, then switched to Sulfur-35 (S-35), and then to P-33, because the latter two radionuclides were more effective in their research. WEINSTEIN told DWYER that he was speaking from memory and suggested that he (DWYER) check the couples laboratory notebooks, and the NIH material receipts records for more precise dates.



DWYER checked NIH radioactive material receipts for laboratory 5D18 as far back as December 1993. He found that no P-32 was received by the laboratory until December 1994. ZHENG and MA received three shipments of P-32 in December 1994, and one shipment in January 1995. Subsequent radionuclide shipments were either S-35 or P-33. All shipments received for WEINSTEIN's laboratory between December 1994 and June 1995, were received by ZHENG and MA.

Since it was possible (but not in strict compliance with NRC regulations) for ZHENG and MA to obtain P-32 from other laboratories at NIH, on August 7, 1995, DWYER attempted to interview ZHENG/MA and review their laboratory notebooks. The couple's lawyer, Judy WOLFER, contacted the NRC, requested to be present for any interview with the couple, and advised she was not available on that date for a ZHENG and MA interview. However, since the laboratory notebooks were the property of NIH, DWYER reviewed them on the afternoon of August 7 at NIH.

DWYER explained that a researcher's laboratory notebook is an "extension of themselves and their research." He indicated that typically, a researcher's notebooks was detailed and exacting. He reviewed ZHENG and MA's notebooks and noted the following:

- They each had 4 notebooks numbered 1 - 4
- The notebooks were government issued bound notebooks
- Their names were written on each volume
- Their did not appear to be any missing pages
- Notebooks numbered "1" for both ZHENG and MA had entries up to about the end of 1994:
  - \* entries for August - September 1994 indicated that they were getting ready for experiments
  - \* entries were not very thorough or flowing and some dates were missing
  - \* one could not get a good picture of what they were doing except that they were getting "geared up"
  - \* they did not express their thoughts
  - \* they reported the findings of their experiments starting in September 1994
  - \* they appeared to experience a lot of failures during their experiments
  - \* the failures appeared to be a result of "goof-ups" as opposed to scientific failures (e.g. smudged film; thought they may not have put all the ingredients into the machine; etc.)

- Notebooks numbered "2" for both ZHENG and MA had entries into the month of March 1995
- MA's entries ended on March 20 and ZHENG's ended a few days earlier

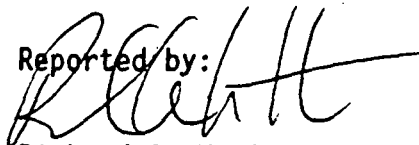
The notebook entries mimicked the radioactive receipt records reviewed by DWYER indicating they were using the radionuclides as received. However, laboratory receipt records indicated that the couple received four quantities of P-33 between March 28, 1995, and June 15, 1995, and there were no experiment entries in either individuals notebook to account for the material. Notebooks numbered "3" and "4" for both ZHENG and MA were blank. DWYER subsequently discussed this fact with WEINSTEIN who appeared shocked because he knew that the couple were doing experiments up to June 29, 1995.

In substance, DWYER provided the following information regarding the contaminated water sample from the NIH, Building 37, water cooler catch basin:

On August 2, 1995, the NRC sent the subject water sample to the Deepened Medical Products Department for analysis (see attached letter of transmittal). The resulting Deepened testing results were inconclusive (see attached letter from Deepened dated August 9, 1995). The unused water sample was sent back to the NRC, Region I, and will be maintained in its liquid state. DWYER will count and measure the remaining sample.

End of Report of Interview with James P. DWYER drafted between August 17 - 23, 1995.

Reported by:



Richard A. Maticos  
Senior Investigator,  
O:Region I



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

August 2, 1995

Mahendra Suryan, Ph.D.  
DuPont NEN  
123 E. Dedham St.  
Boston, MA 02118

Dear Dr. Suryan:

Enclosed is the aqueous solution for chemical analysis by your company. The solution is known to contain phosphorus-32 (P-32), and the origin of the P-32 is most probably a nucleic acid or inorganic phosphate. The U.S. Nuclear Regulatory Commission (NRC) requires certain receipt and handling documentation, to maintain the integrity of the analysis and investigation. Please ensure that the following documentation is maintained for subsequent review by NRC:

- 1) The name of the individual who receives and signs for the sample, including the date and time of receipt;
- 2) The name of the individual to whom the sample is transferred, including the date and time of transfer; and

Any remaining sample should be returned to the NRC by certified return receipt express delivery. Please contact Larry W. Camper, Chief; Medical, Academic, and Commercial Use Safety Branch; at (301) 415-7231, to coordinate the return of the sample.

Also enclosed is an analysis, performed by a chemist at the NRC licensed facility, of the aqueous solution. As you know, this information is needed to complete task two described in the Statement of Work, previously forwarded to you.

If you have any questions, please contact Larry W. Camper at (301) 415-7231.

Sincerely,

*Robert L. Baer*  
for Donald A. Cool, Director  
Division of Industrial and  
Medical Nuclear Safety  
Office of Nuclear Material  
Safety and Safeguards

Enclosure:  
Analysis results of  
water sample

Summary

P&I-cellulose TLC analysis

July 24, 199

Sample - most activity bound to charcoal.  
suggested identity as nucleotide  
and not phosphoric or pyrophosphoric  
acid

EXP  
I

- after chromatography under conditions that would identify common ribo- and deoxy-ribonucleoside triphosphates, the activity moved instead in region of monophosphates. Implicated pyrimidine monophosphates which move fastest under these conditions. II, III

- specifically checked for co-migration with UMP and CMP. Found activity ran with neither. Instead, activity ran with inosine monophosphate. IV

- attempted to verify identity with inosine monophosphate in a 2<sup>nd</sup> developing system. Again non-identity shown. V

- sample activity does not chromatograph with common nucleotides. Suspected that activity could represent inorganic phosphate. Tested with authentic  $^{32}\text{P-H}_3\text{PO}_4$  in two chromatography systems, ie those corresponding to IV & V. Found +

EXHIBIT 36  
PAGE 5 OF 33 PAGE(S)

VI

Conclusion

1. the major radioactive component in the sample is in the chemical form of inorganic phosphate as judged from co-chromatography on PEI-cellulose thin layers.
2. Nevertheless the radioactivity binds to charcoal (Norit A), which is not typical for inorganic phosphate but typical for nucleotidyl phosphate. the source of this atypical behavior is uncertain.
- 3 - there is no certainty that the original chemical form was inorganic phosphate. this material could be a degradation product of a nucleotide labeled with  $^{32}P$ .

*Michael*  
Michael Cashel  
DMG/NICHD/NIH

"Trough H<sub>2</sub>O 5D west" AN 1048<sup>95</sup>  
rec'd: sample ~15 ul in scint. vial  
(said ~300 dpm in water)

July 19, 1995

I A count 1ml = 166.00 (sample)

1 min counts  
Survey Program

Recounted sample  
previously gave  
counts to Kelly

B pass 1ml water blank  
through charcoal column  
count 1ml eluate = 24.00 (blank)

C pass 1ml sample  
through same charcoal  
column. count 1ml  
eluate = 38.00 (unadsorbed sample  
eluate)

∴ virtually all activity adsorbed to charcoal  
probably nucleotide associated  
... NOT <sup>32</sup>Pi or <sup>32</sup>PPi

verified ~150 cerenkov cpm/ml  
also can't detect cpm with survey meter  
on charcoal column

sample pH ≈ 5 (pH paper)  
sample was at room temperature since late June

Contact Kelly Austin 196-5774  
Nancy Newman  
Bob Zoon

# 1 Recount

PAGE: 1

## D = WIFE TEST-FLUOR

19 JUL 1995 1:13

SER: 1 COMMENT: 3H, 140, 32P  
 PRESET TIME : 1.00  
 DATA CALC : CPM H# : NO SAMPLE REPEATS: 1 PRINTER : ED  
 COUNT BLANK : NO IC# : YES REPLICATES : 1 PS200 : 0  
 TWO PHASE : NO AGC : NO CYCLE REPEATS : 1  
 SCINTILLATOR: LIQUID LUMEX: NO LOW SAMPLE REP: 0  
 LOW LEVEL : NO HALF LIFE CORRECTION DATE: none

ISOTOPE 1: 3H %ERROR: 0.20 FACTOR: 1.000000 BKG. SUB: 0  
 ISOTOPE 2: 35S %ERROR: 0.00 FACTOR: 1.000000 BKG. SUB: 0  
 ISOTOPE 3: 32P %ERROR: 0.00 FACTOR: 1.000000 BKG. SUB: 0

| SAM NO | POS | TIME MIN | 3H     |        | 35S   |        | 32P  |        |
|--------|-----|----------|--------|--------|-------|--------|------|--------|
|        |     |          | CPM    | %ERROR | CPM   | %ERROR | CPM  | %ERROR |
| 1      | 1-1 | 1.00     | 166.00 | 15.52  | 12.00 | 57.74  | 0.00 | 0.00   |
| 2      | 1-2 | 1.00     | 38.00  | 32.44  | 12.00 | 57.74  | 0.00 | 0.00   |
| 3      | 1-3 | 1.00     | 24.00  | 40.82  | 5.00  | 89.44  | 0.00 | 0.00   |

sample  
 plate  
 blank

1 Aug 11

## II 1D Chromatography in 0.85M $\text{KH}_2\text{PO}_4$ (pH 3.4) for possib. co-migration with common BTP

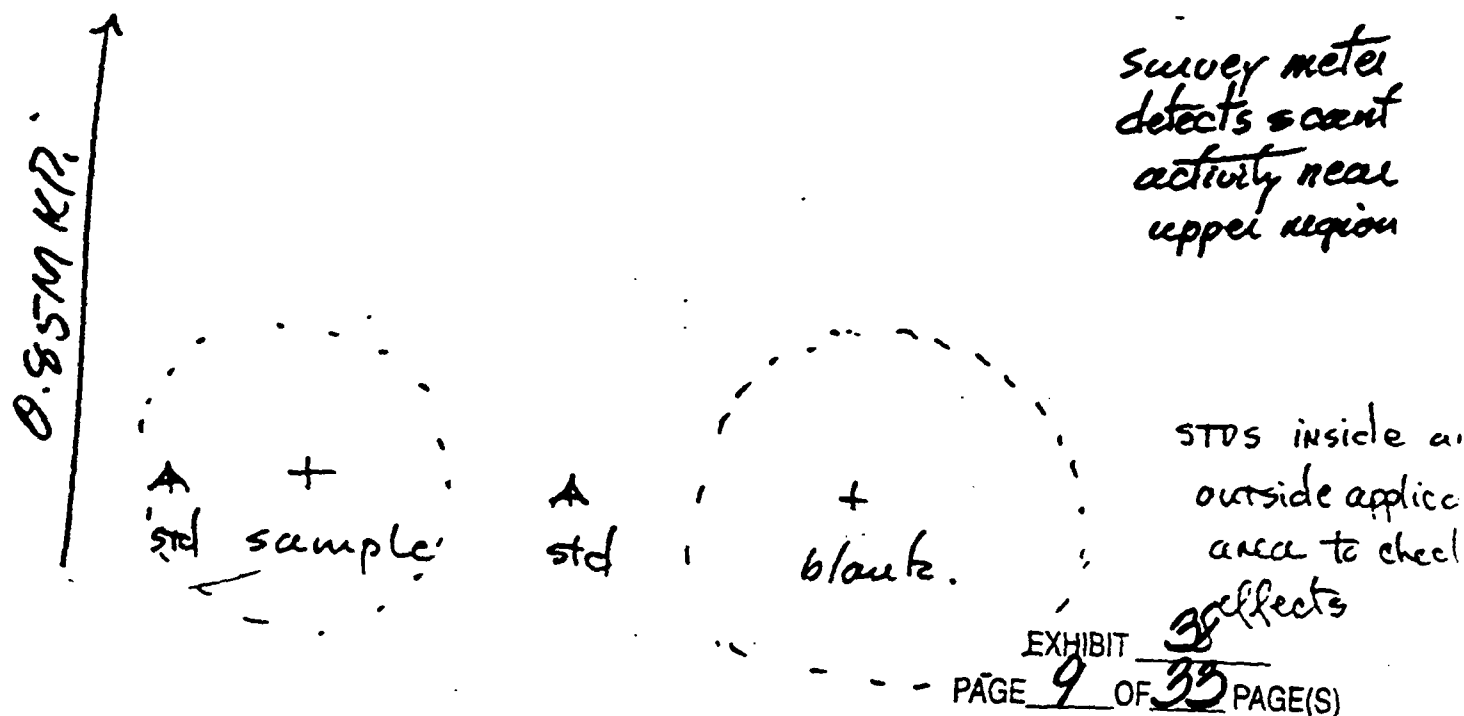
A: mix 1 $\mu\text{l}$  sample with 5  $\mu\text{l}$  std (A, G, C, U)TP @ 2.51  
apply to PEI cellulose, 50  $\mu\text{l}$  per application with  
air drying between applications

B. blank 1 $\mu\text{l}$  dist. water + 5  $\mu\text{l}$  std.  
apply as in A

Auto radiogram  
started exposure  
3 pm  $\rightarrow$  12<sup>50</sup> pm 7/1

Since sample is in water, it should give activity  
sticking @ origin in multiple applications

run of standards in fresh developing buffer  
To be sure runs are working OK

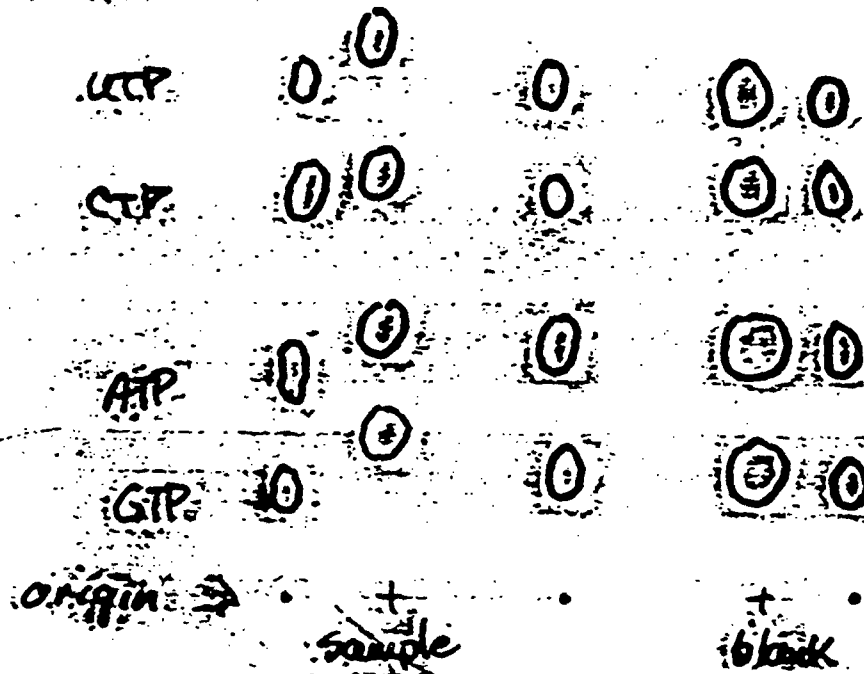




7/20/95

21 hr exposure of I

pH front →



STD: (GTP, ATP, CTP, UTP)

### conclusions

1. sample, not black d. water, slightly affects mobility of standards
2. all detectable activity moves with pH front...

201... -70°C } long exposure  
R4/K5 9/7/72

85 M KPi

tit-2-d borate-plastic



KPi  
↑  
↑

← borate

PAGE 11 OF 33 PAGE(S)

sample

KODAK SAFETY FILM

KODAK SAFETY FILM

KODAK SAFETY FILM

### III 2D chromatography in Borate-phosphate July 19, 1971

spot 1.5 ml together with 1 (BTP)<sup>2.5mM</sup> standard.

1<sup>st</sup> dimension (NH<sub>4</sub>) formate/borate 3 pm → MeOH 90% 500 ml

2<sup>nd</sup> dimension 0.85M KH<sub>2</sub>PO<sub>4</sub> (pH 3.4) 7 pm → 4 pm

on film 9<sup>15</sup> pm 7/19 → 5<sup>15</sup> pm 7/20

Result - activity ran to Top ... as expected from 1D

NO SPOTS

7/20 5<sup>30</sup> pm Remove borate dimension Top strip

Tape II + III side by side - expose @ -70° for several days. Maybe small activity will appear in BTP region if nucleotide was originally a triphosphate and not completely degraded now

7/24 9<sup>00</sup> AM Develop prolonged exposure from 7/20  
held @ -70°C.

- see nothing

Faxed x6-354141 7/20/95 to Shawn Guggens RadSoc July 20, 95  
this page

## Conclusions from II. (one dimensional chromatography)

1. Sample solution slightly accelerates mobility of ATP GTP CTP + UTP standards. Not true for standards spotted on periphery of sample application zone
2. Visible activity after ~22 hr exposure all runs with pH front. Autoradiogram gives easily visualized spot.  
∴ eliminates ATP, GTP, CTP, UTP, probably TTP  
probably eliminates ADP, AMP } depending on the  
GDP, GMP } hypermobilizing effect  
does not eliminate CDP, CMP  
UDP, UMP  
TDP, TMP

Need to resolve mono & di phosphates - esp. pyrimidines

CHANCE is good that label is (now)  
migrating with pyrimidine nucleotides  
(mono - or diphosphate)

CUT OFF NO. 101 E. CUMULON  
TOP

1st class  
2nd class  
→



+

2nd: Phosphate →

III

20 hr. exposure

July 21, 1992

#### IV one dimension in 0.4M LiCl to visualize BMP

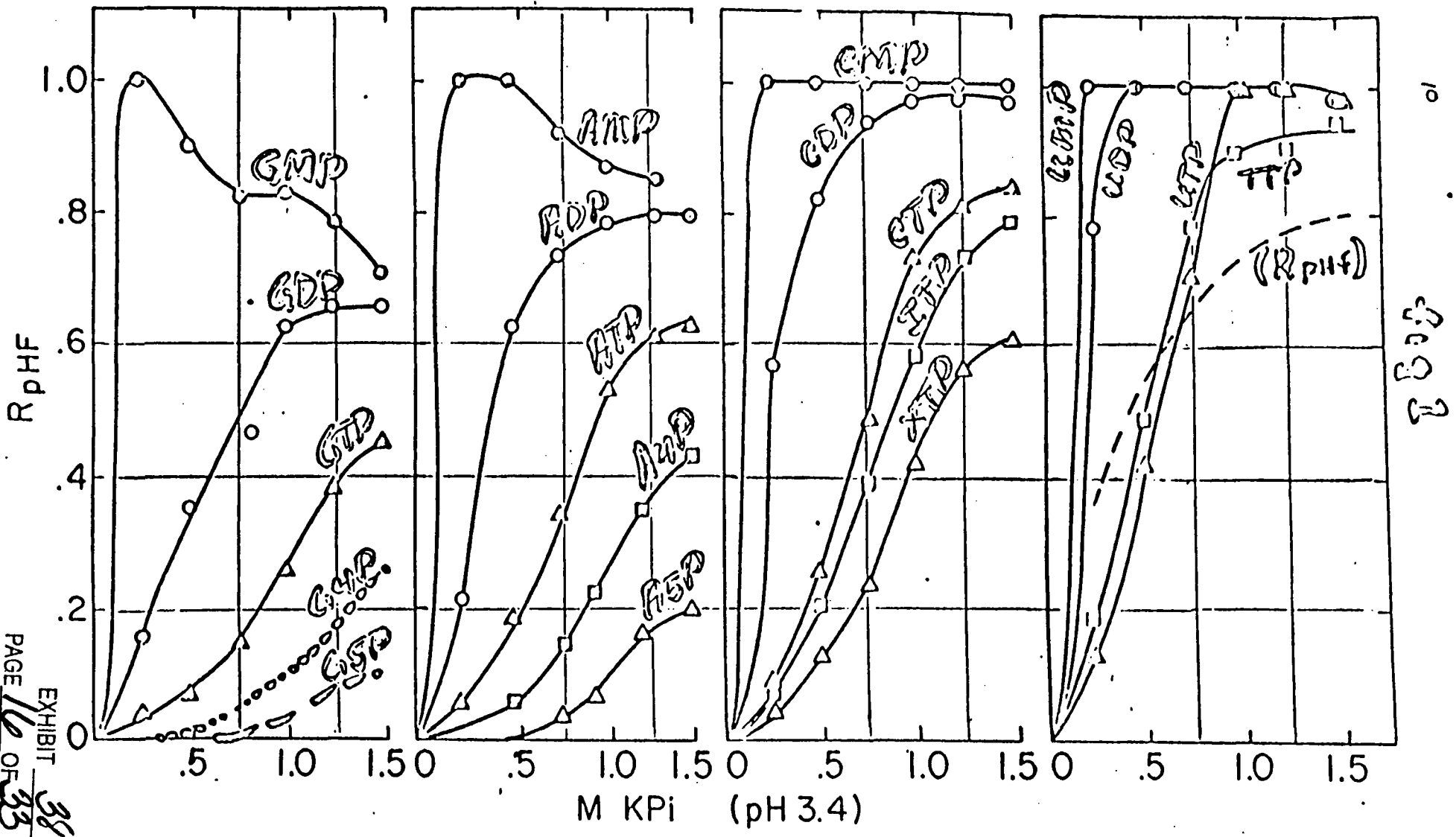
1.5 ml sample

std = 5 ml (UMP CMP <sup>2'3'</sup>AMP <sup>2'3'</sup>GMP) + 2 1/2 µl CMP<sup>10</sup>  
added to sample  
in tank @ 10<sup>20</sup> Å

film on 12<sup>20</sup> Å → 4<sup>20</sup> Å 7/12

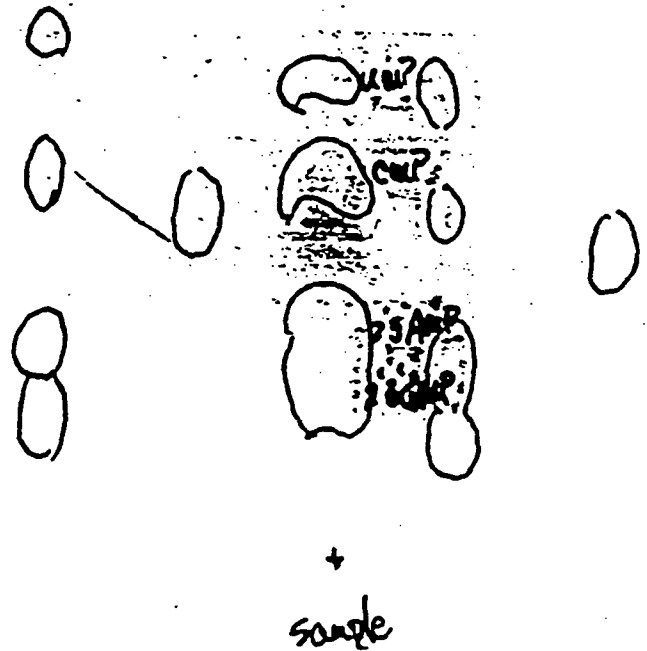
? problems with alignment. Spot with radioactive ink  
and re-expose, to be sure.

- majority of label seen just below CMP, above 2'3'<sup>A</sup>AMP  
in a position expected for INTP
- a small amount of label seen below 2'3'GMP, less still @ 10<sup>20</sup> Å  
(maybe di + tri phosphates); first time seen. (Fresh film)
- if alignment confirmed with radioactive ink spots,  
would eliminate UMP, CMP, nucleoside diphosphate sugars



162 III  
20 in cups

0.4Mhcl





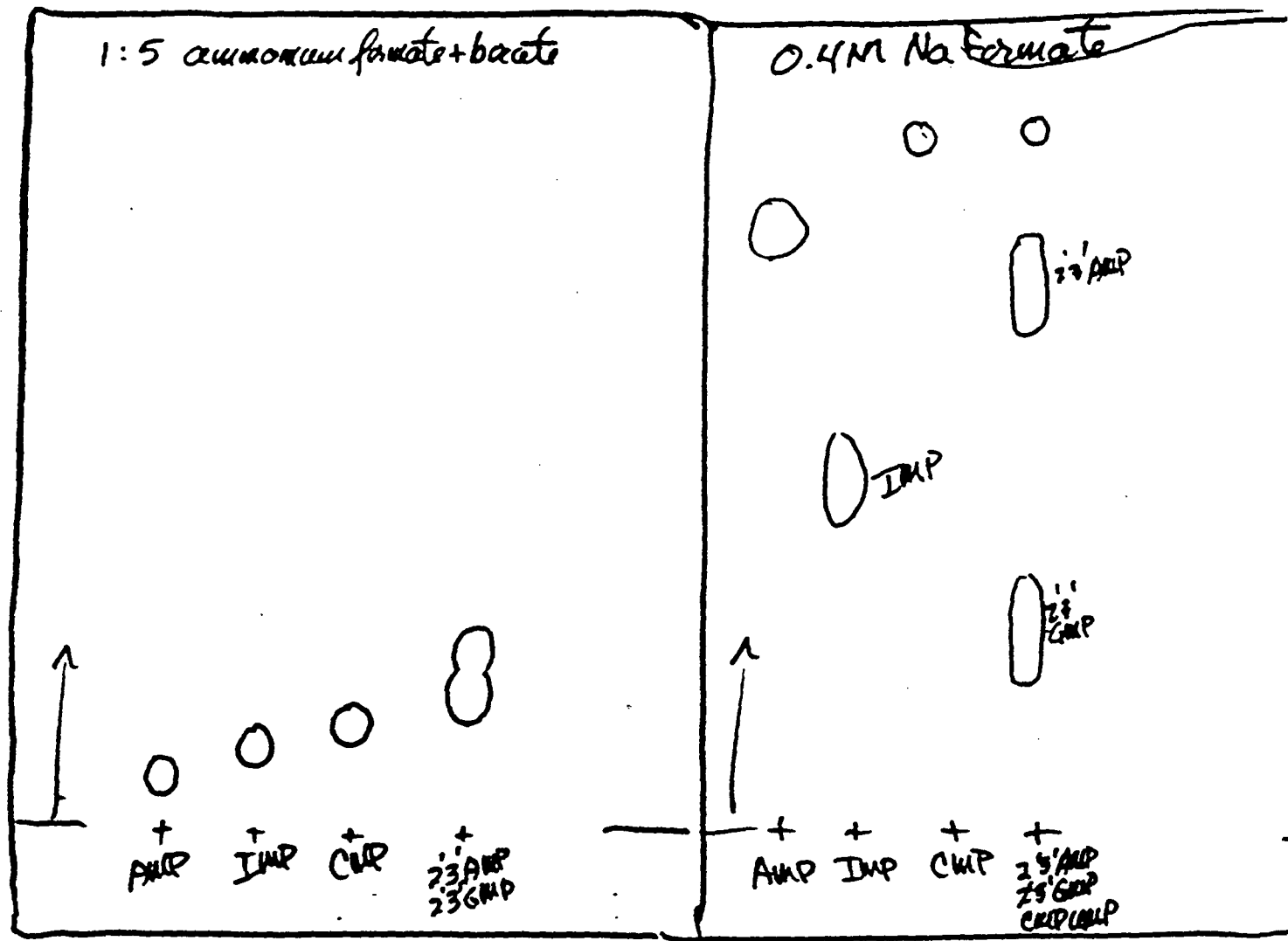
1. *unlike*  
*negative evidence*  
*substantive*  
*information*

*0* *0* *0*  
*0* *0* *0*  
*0* *0* *0*

# V Pilot checks borate conditions for resolving AMP IMP CMP

dilute 3.3M ammonium formate + 4.2% borate (pH 7) /  
run 3/4 sheet with standards.

same run in 0.4M Na formate (pH 3.4)  
to better resolve IMP from CMP + AMP



works fine ... 2'3'AMP migrates > AMP

works fine - good separation from CMP + AMP

July 20

Plot 2 sets available 0.11111

- 1 5 AMP 10 mm
- 2 5 GWP 10 mm
- 3 5 IMP 10 mm

- 4-5 { 2,3 AMP
- 5-6 { 2,3 GWP
- 5-7 { 5' GWP
- 5-8 { 5' AMP

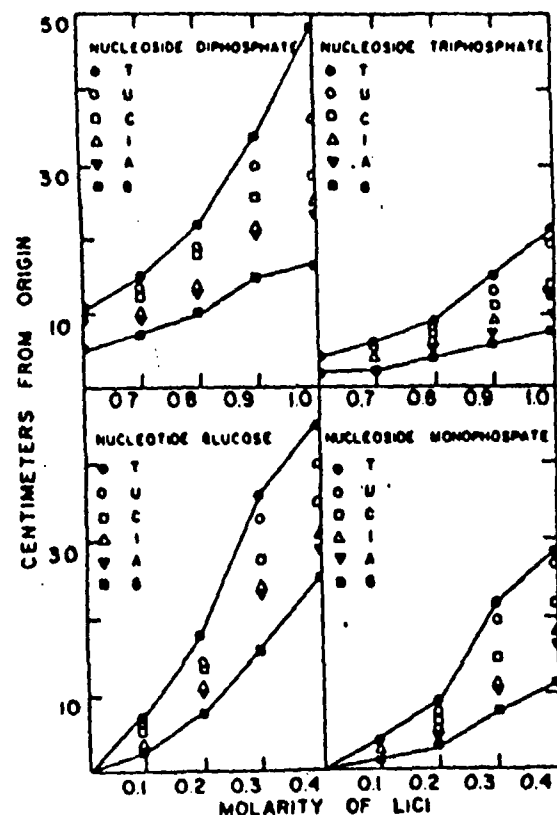
run 3/4 shot  
1 shot

1.1 UDP 74

1.2 CDP 1000

1.3 UDP 1

1.4



Rates of movement of nucleoside mono-, di-, and triphosphates and diphosphate sugars on PEI paper as a function of LiCl concentration. 0.05 and 0.1 micromole of nucleotide is spotted and chromatography performed 5 hours at 20°. Mobilities of nucleoside mono-, di-, and triphosphate and diphosphate glucose derivatives of the various bases are compared. Abbreviations used are G, A, I, C, U, and T for guanosine, adenosine, inosine, cytidine, uridine, and thymidine, respectively. Reproduced from H. Verachtert, S. T. Bass, and R. G. Hansen, *Anal. Biochem.* 11, 497 (1965).

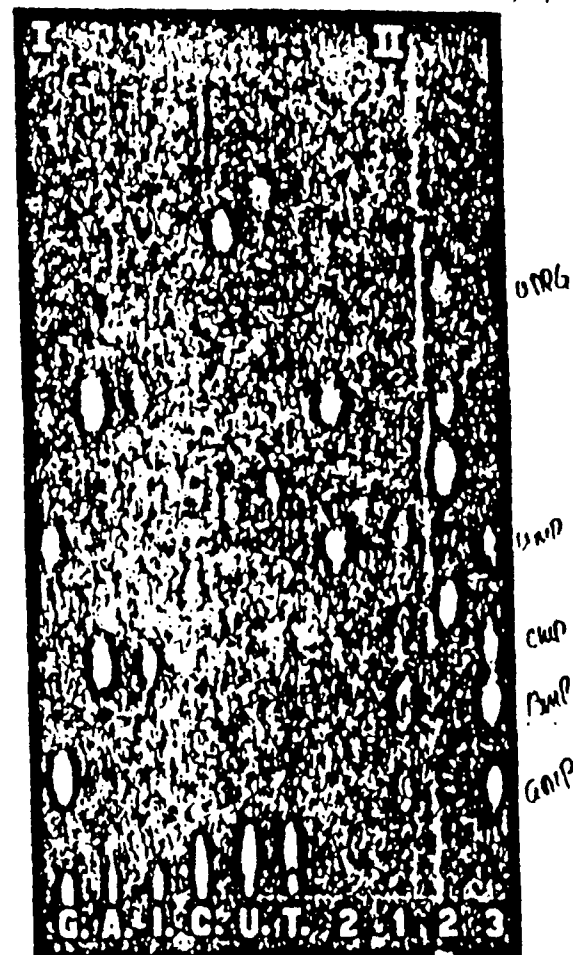


FIG. 2. Separation of nucleoside mono-, di-, and triphosphates and nucleoside diphosphate sugars by chromatography on PEI paper. Contact prints of the chromatograms are reproduced. The quantities of nucleotides spotted are 0.05-0.1 micromole of each. The solvent front is 35 cm from the origin. Mobility increases in the order: guanosine, adenosine, cytidine, uridine, and thymidine nucleosides. Panel I: The chromatogram was developed for 5 hours at 20° with 0.3 M LiCl. Abbreviations are, respectively, for guanosine, adenosine, inosine, cytidine, uridine, and thymidine: G, A, I, C, U, and T. Nucleoside diphosphate sugars have the greatest mobility, in each case followed by the nucleoside monophosphates. The di- and triphosphates remain near the origin under these conditions. In Lane I, reading down are: UDP-Glc, CDP-Glc, ADP-Glc and GDP-Glc. Panel II: The chromatogram was developed for 4 hours at 20° with 0.3 M LiCl. Reading down the spots are: Lane II, TMP, dCMP, dAMP, and dGMP; Lane II, UDP-Glc, CDP-Glc, ADP-Glc, and GDP-Glc. Lane II, UMP, CMP, AMP, and GMP.

7/24/95 Prolonged exposure of II shows origin-bound material and perhaps a trace of something in the P<sub>i</sub> + the ATP region... along with major spot running with pH front.

VI Test authentic phosphate <sup>32</sup>P for migration properties with major activity of sample. delete from 1 MCi/ml (2 wks ago)  
stock 1:1000 → ~10<sup>6</sup> cpm/ml = ~10<sup>3</sup> cpm/μl

A. 0.4M Na formate stds = IMP + mix of 2'3'AMP, 2'3'GMP (UMP, CMP)  
? if label migrates just below IMP + above 2'3'GMP

B. 0.4M LiCl std = mix of 2'3'AMP, 2'3'GMP, UMP, CMP  
spiked with more cmi<sup>1</sup>  
? if label migrates below CMP & 2'3'AMP

Result - in both A & B, authentic <sup>32</sup>P<sub>i</sub> runs to the same place

The sample major activity component is phosphoric acid

- could represent complete degradation...
- something in the sample made inorganic phosphate bind to charcoal.

spiked with  $\gamma$ -P-phosphate

30 min autorad.

7/24/95

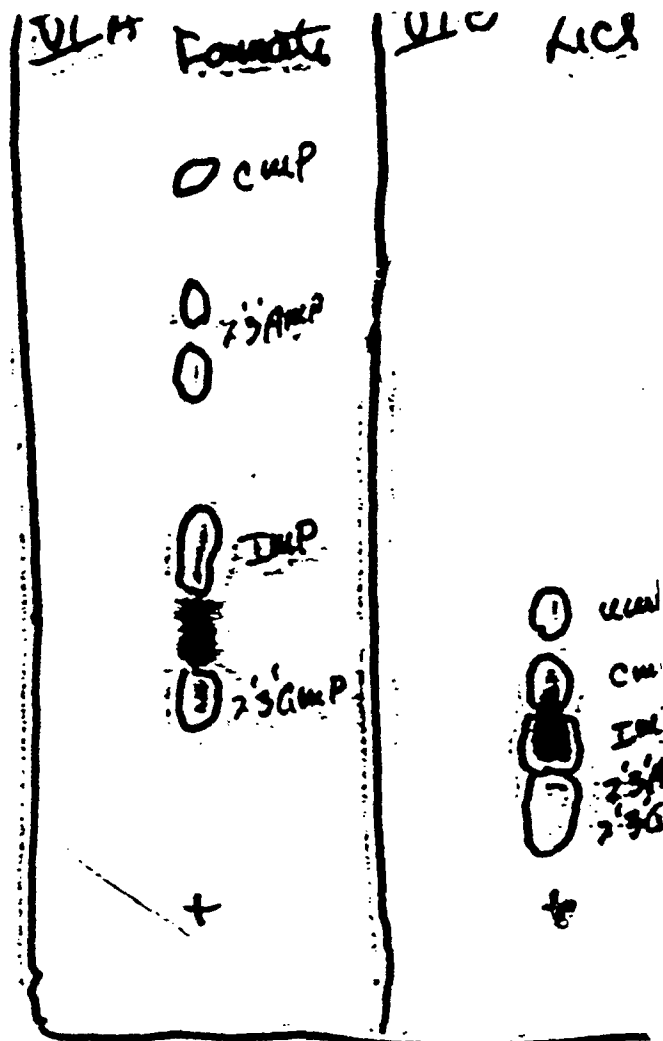
Authentic [ $\gamma$ - $^{32}$ P]  $H_2PO_4^-$

ICN cat # 640130

lot # 6952P3

carrier-free

date 6-24-95



orthophosphate migrates with same properties  
as major activity of sample... in two systems



E.I. DU PONT DE NEMOURS & CO. (INC.).  
MEDICAL PRODUCTS DEPARTMENT

8/19/95

Donald A. Cool, Director  
Division of Industrial and  
Medical Nuclear Safety  
Office of Nuclear Material  
Safety and Safeguards  
United States Nuclear Regulatory Commission  
Washington, DC 20555-0001

Dear Dr. Cool:

We received the P-32 contaminated water sample from NRC on 8/3/95. Enclosed is a summary of the Mass spectral analysis results of the P-32 contaminated water sample. I also analyzed an aliquot of our in house water purified by reverse osmosis (millipore system) to establish the background in the mass spectrum. The spectra of both these samples are also enclosed.

I think that the summary of the experimental details and observations are self explanatory. However, if you have any questions, or need clarifications about the mass spectral data, please call me at (617) 350-9405. I will get in touch with Mr. Larry W. Camper to coordinate the return of the unused water sample.

Sincerely,

Mahendra M. Suryan,  
Senior Chemist

Enclosure  
Summary of MS analysis  
Mass Spectral scans

|  |                  |                    |
|--|------------------|--------------------|
| Post-It™ brand fax transmittal memo 7671 |                  | # of pages = 3     |
| To                                       | Mr. Larry Camper | From M. Suryan     |
| Cc                                       | NRC              | On Dupont - NEN    |
| Dept                                     | Nuclear Safety   | Phone 617-350-9405 |
| Fax                                      | 301-415-5369     | Fax 617-350-9656   |

Mass Spectral Analysis of Water Sample Contaminated with  $^{32}\text{P}$  Isotope  
Sample #AN 1048 95 Trough Water 5D West - NRC/NIH  
By Mahendra M. Suryan, DuPont-NEN, Boston, MA 02118

**Experimental Details:**

- o Received 100 ml of the water sample from NRC on 8/3/95 14:00 hrs. Analyzed the sample by Mass Spectrometry on 8/4/95 at 07:30 hrs. using a Kratos MS25 mass spectrometer. Desorption Chemical Ionization (DCI) Mass Spectral technique was used for the analysis. Ammonia was used as the reagent gas for the DCI experiments.
- o 80  $\mu\text{L}$  of the water sample was gradually placed on the DCI probe tip and water allowed to evaporate. The remaining residue on the probe tip was analyzed by mass spectrometry. 80  $\mu\text{L}$  of our in-house water, purified by reverse osmosis (millipore system) was analyzed subsequently, to establish a background spectrum.

**Observations:**

- o The DCI mass spectrum of the NRC water sample was different from the mass spectrum of our in-house purified water (control). The mass spectrum of NRC water sample (Figure 1) contained intense peaks at masses 135, 196 and 230 daltons, in addition to the background peaks observed in the mass spectrum of our in-house purified water (Figure 2).
- o The identity of the extra peaks at 135, 196 and 230 is not clear. These masses are not consistent with the molecular weights of either inorganic phosphates--  $\text{H}_3\text{PO}_4$ ,  $\text{Na}_3\text{PO}_4$ ,  $\text{K}_3\text{PO}_4$ , or nucleic acids --inosine, cytidine, uridine, or thymidine.
- o Calculations indicate that 1  $\mu\text{Ci}$  of a  $^{32}\text{P}$  compound in 100ml translates to about 100 nanomoles/ liter, or about 0.1 nanomoles in the 80  $\mu\text{L}$  aliquot analyzed. Compounds at this low a concentration are ordinarily very difficult to detect by DCI mass spectral technique.
- o It is therefore possible that in the mass spectrum of the contaminated water, the peaks in question may either be degradation product(s), unrelated impurity, or a combination of both.
- o The two mass spectra (Figure 1 and Figure 2) are attached to this summary.



P320001 Scan 1 (Av 26-50 Acq) 100%  
LRP +CI Water AN1048 trough 5D west 80uL DCINH3

NRI  
02/10/00 10:13

TEL: 204-505-  
ID: LANIER FAX: 8800

FAX: 204-505-  
HUG 02/10/00

NO. 000000000000  
PAGE 3

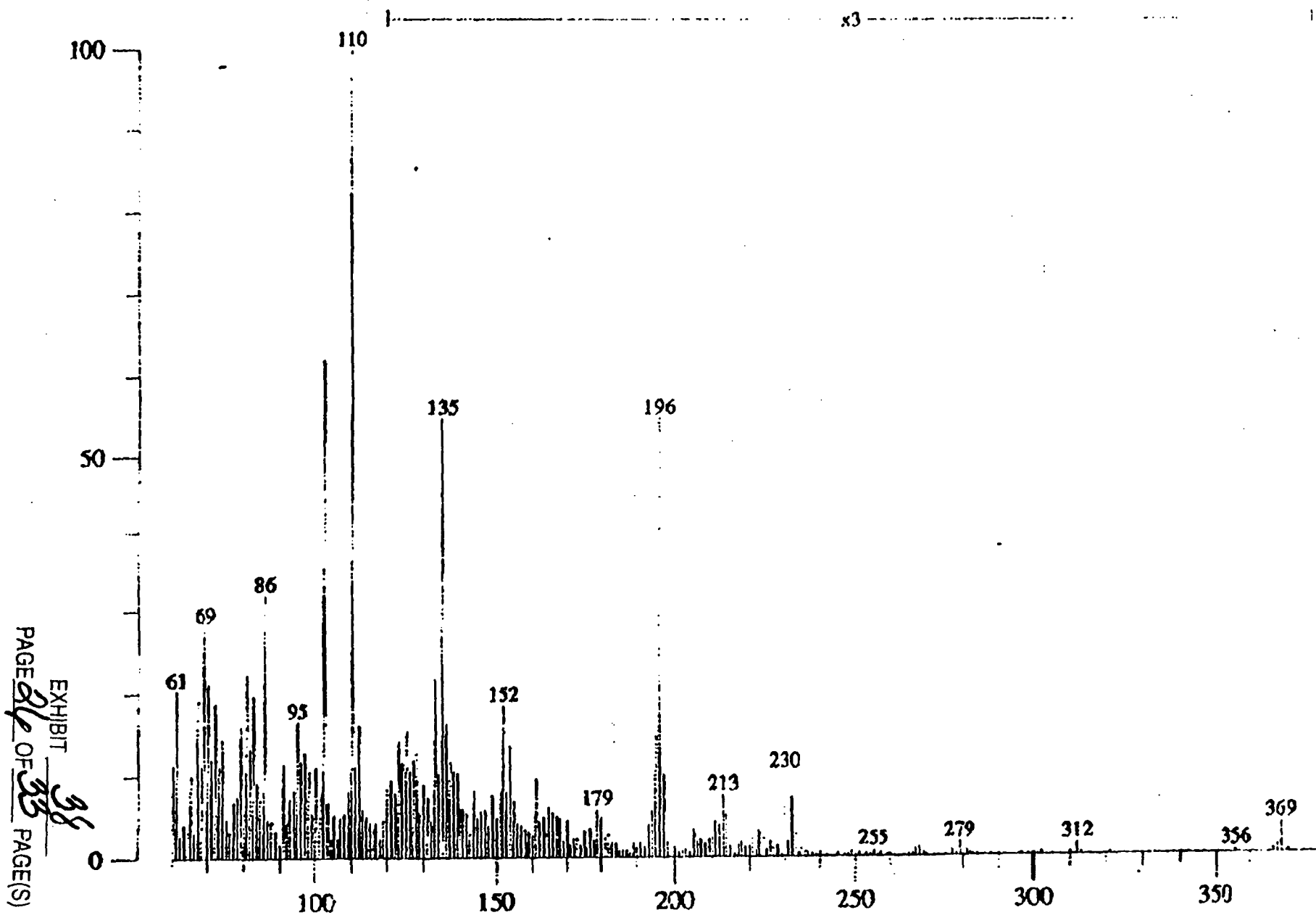
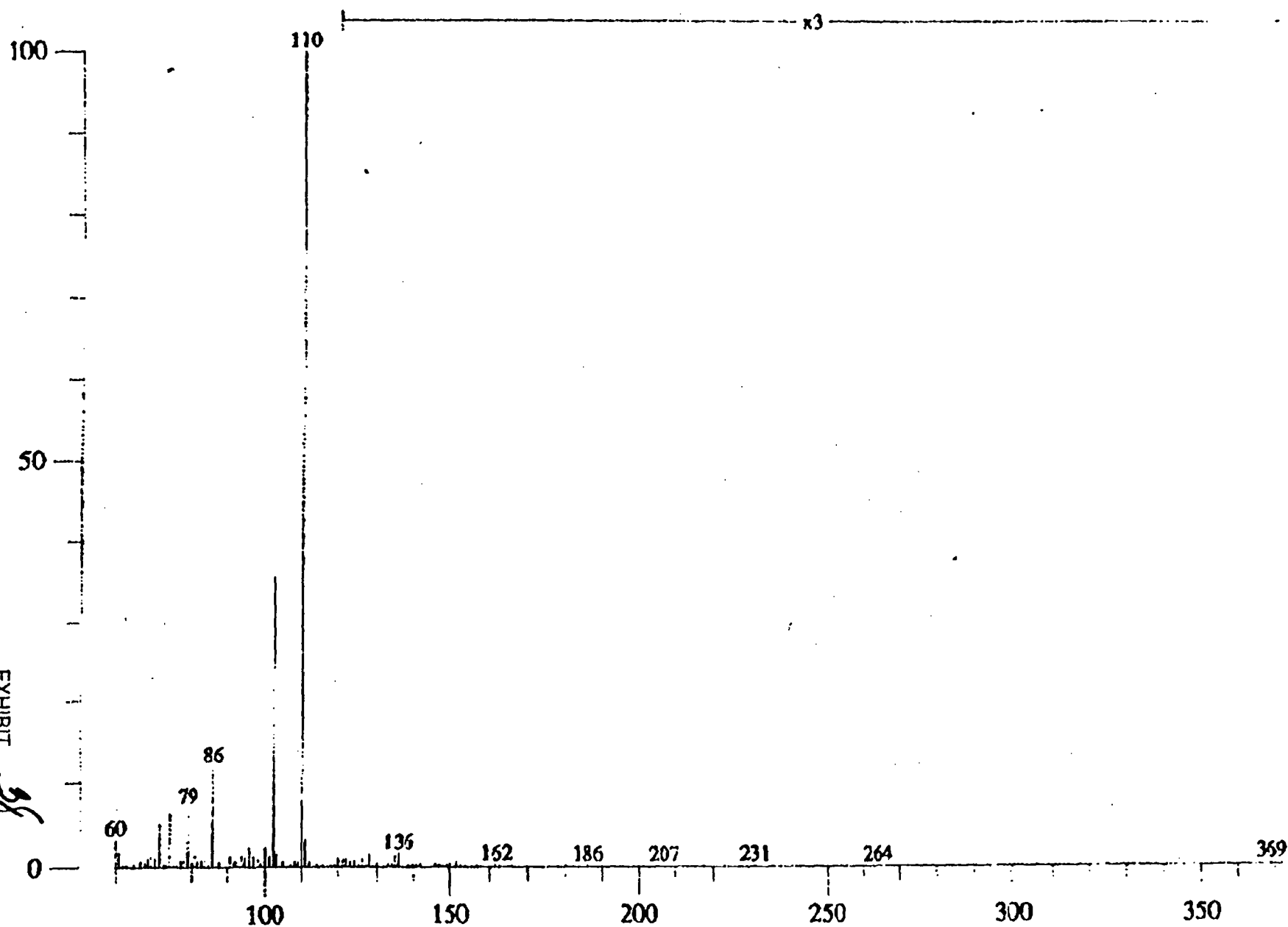


EXHIBIT  
PAGE 34 OF 35  
PAGE(S)

P320003 Scan 1 (Av 1-50 Acq) 100%=29362 mv 4 Aug 95 13:31  
LRP +CI In-house distilled water 80uL background DCI.NH3  
RO(millipore) Mlunga 8/7/95



REPORT OF INTERVIEW  
WITH  
SHARON EKLAND

Sharon EKLAND was telephonically interviewed by the reporting investigator on August 8, 1995. EKLAND was formerly employed at the National Institutes of Health (NIH), Bethesda, MD. EKLAND had previously been contacted by the FBI regarding the June 29, 1995, contamination event at NIH. EKLAND has had previous contact with the NRC's Office of Investigations (OI) regarding an unrelated OI investigation at NIH. She contacted the OI on this date to discuss the June 29 event.

EKLAND is currently employed by the State University of NY at Buffalo and her work number is (716) 645-5959. EKLAND is in the process of moving to a new address but maintains a Post Office Box address of [REDACTED]

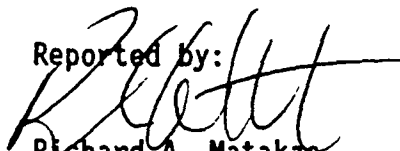
In substance, she provided the following information:

She surmised that the person(s) responsible for the June 29, 1995, contamination event at NIH may have been targeting a specific person, or may have performed a random act so as to create a problem for the NIH with the NRC. She hypothesized that the person who discovered the event may have been responsible for the event. She stated that there was a lot of "unhappy people" in Dr. GALLO's group on the 5th and 6th floors in Building 37. She further stated that there was a lot in "infighting" among the Chinese researchers who work on the 5th floor.

Although EKLAND is no longer employed at NIH, she is actively involved with a group dealing with alleged sexual and job harassment at NIH. She identified [REDACTED] as an individual who contacted her group and, as an aside, told the group that there were "problems between MA and ZHENG" and that they were planning on leaving the United States soon. EKLAND could not provide any additional details except that [REDACTED] was getting her information from a Chinese National who works on the 6th floor of Building 37.

End of Report of interview with Sharon Ekland drafted on August 23, 1995.

Reported by:

  
Richard A. Matakas  
Senior Investigator,  
OI:Region I

An interview was conducted with John Weinstein, M.D., Ph.D. on July 28, 1995. The interview began at 11:30am and was conducted by Jim Dwyer, Susan Shankman, and Donna-Beth Howe.

Susan Shankman explained the purpose of the Augmented Inspection Team. Dr. Weinstein denied any involvement with the cause of the event and said that the allegation caused him to delay talking to NRC. Dr. Weinstein said that he wanted to make sure that it was okay for him to talk to the team now. He was assured that it was. Susan Shankman told Dr. Weinstein that the team was looking into the health and safety issues of the incident and that the criminal investigators were charged with determining who was responsible and why it was done.

Dr. Weinstein said that he began working at NIH in 1973 and has been with the National Cancer Institute since 1975. Dr. Weinstein provided a copy of his curriculum vitae. Dr. Weinstein said that he worked in Building 10 until late 1992 and then moved to Building 37. Dr. Weinstein recalled that he used I-131, I-125, In-111, Tc-99m, and bismuth while working in Building 10 and used P-32, P-33, small amounts of H-3, and briefly used S-35 in Building 37. Dr. Weinstein explained that he has no permanent staff but has individuals working in his laboratory for 2 to 5 years. Dr. Weinstein said that he has responsibility for only one laboratory (5D18) but that a few months ago he was given additional space in laboratory 5D21. Dr. Weinstein said that Dr. Bonner has responsibility for laboratory 5D21. Jim Dwyer asked Dr. Weinstein if he was collaborating with, or doing research in, any other laboratories, on or off the NIH campus or license. Dr. Weinstein stated that he only worked at NIH and his collaborations were limited to computers, mathematics and writing papers, not hands on use of radioactive materials. Dr. Weinstein said that his laboratory is working on generating and pulling together structures of chemicals and target structures and that this information is applied to find chemicals that can be used to treat AIDS and cancer.

Dr. Weinstein said that at the end of June 1995 his staff consisted of the following individuals:

Joseph Casciari - A chemical engineer who worked on thymidine uptake in DNA ladder technique studies. Dr. Weinstein said that Casciari may have used some tritium but more than likely did not. Dr. Weinstein said that Casciari may have done some work with Dr. Pommier using P-32. Casciari currently works in 5D18.

Drs. Zheng and MA - Dr. Weinstein said that they began working at NIH in August 1994 but did not use radioactive materials for a while because their experiments required alot of preplanning. Dr. Weinstein said that Drs. Zheng and Ma used P-32 during the last quarter of 1994 but doesn't believe that they used P-32 after this. Dr. Weinstein said that Drs. Zheng and Ma used S-35 for a while until he

learned about contamination problems with S-35. Dr. Weinstein said that Drs. Zheng and Ma then began using P-33. Dr. Weinstein suggested that he was not the best source of information regarding the specific use of radioactive materials by Drs. Zheng and Ma and suggested that we rely on receipt records. Jim Dwyer advised Dr. Weinstein that receipt records indicated use of P-32 by Drs. Zheng and Ma in February 1995 and that survey reports for April and May 1995 indicated use of P-32 in the previous month. Dr. Weinstein said that he believed the survey reports were inaccurate. Dr. Weinstein said that in general he keeps up with what people are doing but does not have a formal schedule to discuss their work and projects. Dr. Weinstein said that he encouraged Drs. Zheng and Ma to take the radiation safety course. Drs. Zheng and Ma worked in laboratory 5D18.

Mark Waltham - A post doctoral fellow who works in room 5D21. Dr. Weinstein said that Waltham does not use radiolabeled phosphorus but does use some C-14 labeled proteins. Dr. Weinstein said that Waltham began work in his group in October 1994.

Quang Li - A resident alien from China who works with Dr. Waltham in laboratory 5D21.

Yi Fang - Dr. Weinstein said that Fang is a pure theoretician who does computer chemistry, no hands on use of radioactive materials. Dr. Weinstein said that Fang works in laboratory 5D18.

Timothy Myers - Dr. Weinstein said that Myers has been with him for three years and that he only does computer chemistry. Dr. Weinstein said that Myers spends most of his time in the Executive Plaza North Building.

[REDACTED] - Dr. Weinstein said that [REDACTED] is a [REDACTED] student who only does computer work. Dr. Weinstein said that [REDACTED] works in laboratory 5D18.

Charles Perry - Dr. Weinstein said that Perry is a teacher from the District of Columbia. Dr. Weinstein said that Perry works with Quang Li and does not use radioactive materials.

In response to questions about how his staff received radioactive materials Dr. Weinstein said that all purchases had to be approved by him. Dr. Weinstein said that he did not ask his researchers to account for their time and acknowledged that, while he didn't think it was happening, it would be possible for one of his researchers to do collaborative research with another group without his being aware of it. Dr. Weinstein indicated that today there is much more concern over radiation safety than the old days and that applies to other safety concerns too.

In response to questions about how his staff handled radioactive waste, Dr. Weinstein said that the laboratory was equipped with two step cans and a large carboy. Dr. Weinstein explained that they usually do polymer chain reaction (PCR) experiments which do not involve large volumes of radioactive material. Dr. Weinstein said that the materials from the PCR experiments are run on gels and this produces much larger liquid volumes.

Dr. Weinstein was asked about his delegation of radiation safety oversight to Dr. Zheng. Dr. Weinstein said that Dr. Zheng was given this responsibility in March 1995 by virtue of the fact that he and Dr. Ma were the largest users of radioactive materials in the lab. Dr. Weinstein said that Dr. Zheng was required to perform a monthly survey and submit the survey results to the Radiation Safety Office. Dr. Weinstein said that Dr. Casciari had this responsibility prior to Dr. Zheng and that Dr. Waltham is responsible for the monthly surveys now that Dr. Zheng is on administrative leave.

Dr. Weinstein thought Drs. Zheng and Ma had a healthy respect for radiation and were more careful than the average researcher. Dr. Weinstein said that he had heard that Dr. Zheng routinely did surveys in the laboratory even though he did not use radioactive material each day but that he never personally witnessed these surveys.

Dr. Weinstein said that when Dr. Ma told him she was pregnant, he called Radiation Safety for more information. Dr. Weinstein said that Radiation Safety provided him with information about declaration of pregnancy and that he explained it to Drs. Ma and Zheng. Dr. Weinstein said that he explained that declaration of pregnancy was voluntary. He indicated that Drs. Zheng and Ma decided she would do the non-radioactive parts of the experiments and he would do the radioactive components. Dr. Weinstein did not know when Dr. Ma stopped using radioactive materials.

Dr. Weinstein said that Drs. Zheng and Ma were concerned that they did not have the number of publications that some of their fellow researchers had in the more active research areas. Dr. Weinstein said that Drs. Zheng and Ma had received some promising experimental results and wanted to publish the results. Dr. Weinstein said that he, Dr. Kohn, and Dr. Fornace reviewed Dr. Zheng and Ma's work and told them that they needed to reproduce the results. Dr. Weinstein said that, during the week prior to the incident, Drs. Zheng and Ma tried to reproduce the experimental result and failed. Dr. Weinstein said that on Sunday, June 25th, he met with Drs. Zheng and Ma in the laboratory to discuss their experimental problems and to help them to get over the hump. Dr. Weinstein said that Drs. Zheng and Ma had come in to the lab to do experiments and that they may have used radioactive material, he did not know. Dr. Weinstein said that he agreed to submit their paper while they completed their experiments.

Dr. Weinstein said that he was out of the laboratory for part of the day Monday (6/26) and Tuesday (6/27), trying to get the paper submitted for publication. Dr. Weinstein reported seeing Drs. Zheng and Ma in the library on Monday or Tuesday. Dr. Weinstein believes that they did some experiments early in the week. Dr. Weinstein said that he was out of the laboratory most of Wednesday working on the submittal. Dr. Weinstein said that he was around the laboratory most of the day Thursday but was busy working towards a publication deadline and a deadline to submit funding requests. Dr. Weinstein said that he remembers that Drs. Zheng and Ma were working on an experiment. Dr. Ma was trying to finish up the experiment but he did not know if radioactivity was being used. Dr. Weinstein also remembers that he saw Dr. Ma sitting at the table in the hall outside of his lab. Dr. Weinstein said that he didn't know if Dr. Ma was eating or not.

Dr. Weinstein was asked about Zheng and Ma's eating habits. Dr. Weinstein indicated that he was not aware of their eating habits but knew that they sometimes brought in food and drink.

Dr. Weinstein indicated that at about 5:45pm he was in his office talking to someone (he does not remember if it was in person or on the telephone) when Dr. Zheng came to his office and said Dr. Ma was radioactive. Dr. Weinstein said that Dr. Zheng used the word "injected" but he later understood that Dr. Zheng meant "ingested". Dr. Zheng demonstrated to Dr. Weinstein that Dr. Ma had a lot of counts. The ambulance arrived shortly after that and since the medical situation appeared to be taken care of, Dr. Weinstein called radiation safety, speaking to Nancy Newman at about 6:00pm. Dr. Weinstein said that it was his understanding that Newman notified Bob Zoon and Shawn Googins. Dr. Weinstein said that meanwhile, the paramedics were on the phone with Suburban and Holy Cross Hospitals to see where to send her.

Dr. Weinstein said that Beth Reed and George Redmond arrived from the Radiation Safety Office and started to check Dr. Ma. Dr. Weinstein said that he and Dr. Zheng helped by counting smears using equipment on the floor.

Dr. Weinstein said that Dr. Zheng told him there was contamination in the conference room/library refrigerator. Dr. Weinstein said that he went to the conference room and saw 2 bags in the refrigerator (one white and one blue) and thought they were contaminated. Later he was shown that the carpet was contaminated. Drs. Li and Waltham were there during this time. He had Drs. Li and Waltham check each other and the laboratory with the geiger counter. They did not do swabs.

By then the ambulance people were just "tidying up the paper work". Dr. Zheng was upset about why they had not taken Dr. Ma to the hospital and Weinstein was also upset that things were not moving faster to get her to the hospital. He thought it was after 8:00 when they left for the hospital.

About 1 to 1.5 hours after they left he checked his office, laboratory, soft drink cans up on things in the hall, and found three mugs and cups on the table in hall. The cup with the tube was contaminated so he called Bob Zoon. Zoon said to put it in a plastic bag. It was suggested that his laboratory be closed up in addition to the library.

Dr. Weinstein said that he was concerned that he would not be able to get into his office for several days and he had some paperwork that had to be completed so he moved these papers into Dr. Kohn's office, next to the library. Dr. Weinstein said that he left to go to the hospital arriving after 11:15. Dr. Weinstein did not remember anyone surveying the water cooler. Dr. Weinstein said that people were coming and going on the floor. In addition to Drs. Zheng, Ma, Waltham, and Li, he remembers seeing a white haired police officer, Rabinovitz, Yi Fan, another chinese post Doc, and another post Doc with long hair and a mustache.

Dr. Weinstein reported that he left the hospital sometime after 1:00 a.m. and thinks he went straight home but is not absolutely sure. He said that he may have returned to the laboratory before going home. Dr. Weinstein does not know if Dr. Zheng or Dr. Ma have been back to the laboratory since the incident was discovered.

Dr. Weinstein said that the library/conference room is on the same key as the laboratory. Dr. Weinstein said that he knew about the contaminated paper bag in the conference room because radiation safety showed him the bag and demonstrated that the contamination was inside of the bag.

Dr. Weinstein said that he did not know how Ma's ingestion could have happened and did not offer any speculations. He said that he never had anything to do with the water cooler. He never drank water at the office, only sodas. He thinks the RSO expressed how unusual it was so he knew the water cooler was not an accident. He thought perhaps it might have been a random attack at the chinese because of friction between Taiwan and the People's Republic of China.

He met Dr. Zheng in China when he was there giving a lecture. He was impressed when Dr. Zheng asked him a question in the discussion period and later approached him with other comments. It was unusual for the chinese to ask questions and the questions indicated Zheng's knowledge and interest. He worked to get both Drs. Zheng and Ma out of China to work in his laboratory.

The interview ended at approximately 2:00pm.



# EXHIBIT 39

REPORT OF INTERVIEW  
WITH  
SHARON EKLAND

Sharon EKLAND was telephonically interviewed by the reporting investigator on August 8, 1995. EKLAND was formerly employed at the National Institutes of Health (NIH), Bethesda, MD. EKLAND had previously been contacted by the FBI regarding the June 29, 1995, contamination event at NIH. EKLAND has had previous contact with the NRC's Office of Investigations (OI) regarding an unrelated OI investigation at NIH. She contacted the OI on this date to discuss the June 29 event.

EKLAND is currently employed by the State University of NY at Buffalo and her work number is (716) 645-5959. EKLAND is in the process of moving to a new address but maintains a Post Office Box address of [REDACTED]


In substance, she provided the following information:

She surmised that the person(s) responsible for the June 29, 1995, contamination event at NIH may have been targeting a specific person, or may have performed a random act so as to create a problem for the NIH with the NRC. She hypothesized that the person who discovered the event may have been responsible for the event. She stated that there was a lot of "unhappy people" in Dr. GALLO's group on the 5th and 6th floors in Building 37. She further stated that there was a lot in "infighting" among the Chinese researchers who work on the 5th floor.

Although EKLAND is no longer employed at NIH, she is actively involved with a group dealing with alleged sexual and job harassment at NIH. She identified [REDACTED] as an individual who contacted her group and, as an aside, told the group that there were "problems between MA and ZHENG" and that they were planning on leaving the United States soon. EKLAND could not provide any additional details except that [REDACTED] was getting her information from a Chinese National who works on the 6th floor of Building 37.

End of Report of interview with Sharon Ekland drafted on August 23, 1995.

Reported by:

  
Richard A. Matakas  
Senior Investigator,  
OI:Region I

# EXHIBIT 40

REPORT OF INTERVIEW  
WITH  
NELSON ELLMORE

On August 2, 1995, Nelson ELLMORE, Biologist, was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted at the 1st floor located at the National Institutes of Health (NIH), National Cancer Institute (NCI), Building 37, Bethesda, MD. The interview started at approximately 11:13 a.m.; no other persons were present. The purpose of the interview was to determine ELLMORE's knowledge of the contamination incidents at NIH in which Wenli MA (Maryann) was contaminated with radioactive phosphorus-32 (P-32) and the water cooler, on the 5th floor, being contaminated with P-32. ELLMORE was interviewed because computer records indicated that he entered building 37, at 4:50 a.m. on June 30, 1995. ELLMORE was questioned to determine if he allowed anyone to enter the building when he used his keycard. The building is locked from 6:00 p.m. to approximately 6:00 a.m.; entrance is made by using a keycard. ELLMORE provided the following information in response to questions.

He resides at [REDACTED] and he has been employed at NIH since 1977. His telephone number at work is 301-496-8954. His date of birth is [REDACTED]; his Social Security Number is [REDACTED]. He attended Galudate College, Washington, DC, from [REDACTED] and did not graduate.

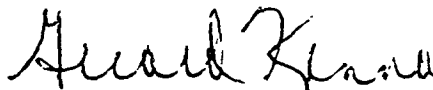
ELLMORE could provide no pertinent information regarding the contamination incident at NIH in which MA was contaminated with P-32. In addition, he could provide no pertinent information regarding the P-32 contamination of the 5th floor water cooler.

He said that he did enter building 37 at 4:50 a.m. with his key card as indicated by the computer records. He did not loan his keycard to anyone and he usually will not allow anyone to follow him into the building. Although he can not specifically recall entering the building on the aforementioned date and time, he does not recall an oriental male or female entering the building with him at that time.

He could provide no further pertinent information.

This interview was reported on August 3, 1995.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I

  
Case No. 1-95-033A

# EXHIBIT 41

REPORT OF INTERVIEW  
WITH  
ALBERT FORANCE


On July 17, 1995, Albert FORANCE, Section Head and Acting Laboratory Chief, was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted at FORANCE's office located at the National Institutes of Health (NIH), National Cancer Institute (NCI), Building #37, Bethesda, MD. The interview started at approximately 8:27 a.m.; no other persons were present. The purpose of the interview was to obtain general information regarding the 5th floor laboratories of Building 37 at NIH. In addition, the interview was conducted to determine FORANCE'S knowledge of the contamination incidents at NIH in which Wenli MA (Maryann) was contaminated with radioactive phosphorus-32 (P-32), and the 5th floor water cooler was contaminated with P-32. FORANCE provided the following information in response to questions.

He resides at [REDACTED] and he has been employed at NIH for approximately sixteen years. His telephone number at work is 301-402-0744. His date of birth is [REDACTED] Social Security Number [REDACTED]. He received his M.D. from Thomas Jefferson University, Philadelphia, PA. He works in the Laboratory of Molecular Pharmacology (LMP); his supervisor is Dr. Kurt KOHN. He is currently acting chief for the Laboratory of Biological Chemistry.

The 5th floor contains three laboratories and all three laboratories combined have about one hundred and twenty employees, with approximately thirty people working in the LMP. The laboratories are divided into sections. Each section chief supervises from a few employees to over ten employees. About half of the employees have more than five years of service. The laboratory has approximately eight students, with the foreign students being funded under the Fogarty Fellows Program and the U.S. students being funded under the Intermural Research Training Award (IRTA).

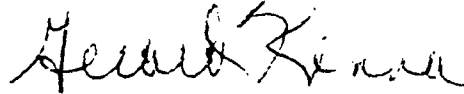
FORANCE could provide no pertinent information regarding the contamination incident at NIH in which MA was contaminated with P-32. In addition, he could provide no pertinent information regarding the P-32 contamination of the 5th floor water cooler. He does not suspect anyone of the aforementioned contamination incidents. He does have a key to the conference room in which P-32 was discovered contaminating the floor. He is willing to voluntarily submit fingerprints.

[REDACTED]

  
The interview was terminated at approximately 9:00 a.m.

This interview was reported on July 17, 1995.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I

# EXHIBIT 42



INTERVIEW REPORT  
OF  
CAROL GILLESPIE

On May 10, 1995, at 11:58 a.m., Carol GILLESPIE, General Counsel, The Liposome Company, Inc. (LC), One Research Way, Princeton, NJ, [REDACTED]

[REDACTED] by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Special Agent Gerard Kenna.

[REDACTED] She was advised to contact [REDACTED]

Blacked  
out  
upon  
receipt  
by the  
NRC.

[REDACTED] was concluded at approximately 12:03 p.m.

This interview was reported on May 10, 1995.

Reported by:

*Gerard Kenna*

Gerard Kenna, Special Agent  
Office of Investigations  
Field Office, Region I

*hkh*

Case No. 1-95-033

EXHIBIT 42  
PAGE 1 OF 1 PAGE(S)

# EXHIBIT 43

INTERVIEW REPORT  
OF  
LORI HAMPTON

On September 20, 1993, Lori HAMPTON, Biologist, at the National Institutes of Health (NIH), was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted at HAMPTON's office located at the NIH, Laboratory of Neurochemistry, National Institute of Deafness & Communicable Diseases (NIDCD), Rockville, MD. The interview started at approximately 9:29 a.m. and no other persons were present. The purpose of the interview was to obtain general information regarding the 5th floor laboratories of Building 37 at the NIH. The interview was also conducted to determine HAMPTON's knowledge of the contamination incident at NIH in which Wenli MA was contaminated with phosphorus-32 (P-32). HAMPTON was questioned regarding the P-32 and phosphorus-33 (P-33) contamination of the water cooler on the 5th floor of Building 37. She was also questioned regarding the receipt of items 95016056, 95016058, dated May 12, 1995, and the receipt of items 95013656, 95013657, 95013658, dated April 10, 1995. HAMPTON provided the following information in response to questions:

She resides at [REDACTED] and has been employed at NIH since 1983. Her work telephone number is 301-594-0212. Her date of birth is [REDACTED] and her Social Security Number is [REDACTED]. She received a B.S. degree, in microbiology from Penn State University, State College, PA, in [REDACTED].

The 5th floor of Building 37, contains three laboratories: the Laboratory of Medicinal Chemistry, the Laboratory of Molecular Pharmacology and the Laboratory of Biological Chemistry (LBC). All three laboratories have about one hundred and twenty employees. While working in Building 37 HAMPTON worked in James BATTEY's group in the LBC. She worked in the LBC for approximately a year and one half. BATTEY's group transferred, in June 1995, to NIDCD in Rockville, MD. She did not know John WEINSTEIN, Wenling ZHENG, or MA.

HAMPTON could provide no pertinent information regarding the contamination incident at NIH in which MA was contaminated with P-32. She was working in her Rockville, MD, office when the MA contamination occurred. In addition, she could provide no pertinent information regarding the contamination with P-32 and P-33 of the 5th floor water cooler.

She identified her signature on the attached delivery route sheets. She said it was routine for anyone in the laboratory to sign for radioactive material when it was delivered. She maintained her radioactive material in a refrigerator located in 5E24. Her laboratory received a standard weekly P-32, DCPT and Gamma ATP order. She did lend P-32 to other NIH laboratories in Building 37, and she has borrowed P-32 from other laboratories. To her knowledge, logs were maintained only for receipt and disposal of radioactive material, and not for usage of radioactive material. There is no missing radioactive material from her inventory.

She is willing to voluntarily submit fingerprints, but would not volunteer to submit to a polygraph examination.

The interview was terminated at approximately 10:03 a.m.

This interview was reported on September 20, 1995.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I

Attachment:  
As stated



Case No. 1-95-033

2

EXHIBIT 43  
PAGE 2 OF 9 PAGE(S)

MODE:F ACTION:14

ARCHIVED MATERIAL

01 ITEM NO 95013656

|                        |           |                       |                  |
|------------------------|-----------|-----------------------|------------------|
| 02 ORDER NO NEF21396   | BLANKET N | 05 ARRIVED 04/10/95   | CHECKED 04/10/95 |
| 03 USER ID 012656 KAHN |           | 06 CONTAMINATED N     |                  |
| 04 STORED N LOCATION   |           | 07 DELIVERED 04/11/95 | TO: 37 5E 26     |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
ATP09 CATALOG NUM  
BLU502Z

10 NUCLIDE P - 32 11 ACTIVITY 1.000 12 SUPPLIER NEN

MODE:F ACTION:

## PACKAGE USERS

|    | USER-ID LAST NAME, | FIRST   | STATUS AUTH | BWRLCN | USER MENU |
|----|--------------------|---------|-------------|--------|-----------|
| 01 | 012656 KAHN        | RICHARD | A Y         | YNYNNN | 07        |
| 02 | 009902 HAMPTON     | LORI    | A N         | YNYNNN | 08        |
| 03 |                    |         |             |        | 09        |
| 04 |                    |         |             |        | 10        |
| 05 |                    |         |             |        | 11        |
| 06 |                    |         |             |        | 12        |

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MODE:F ACTION:17

ARCHIVED MATERIAL

01 ITEM NO 95013656

|                      |           |                       |                  |
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| 02 ORDER NO NEF21396 | BLANKET N | 05 ARRIVED 04/10/95   | CHECKED 04/10/95 |
| 03 USER ID 012656    |           | 06 CONTAMINATED N     |                  |
| 04 STORED N LOCATION |           | 07 DELIVERED 04/11/95 | TO: 37 5E 26     |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
ATP09 CATALOG NUM  
BLU502Z

10 NUCLIDE P - 32 11 ACTIVITY 1.000 12 SUPPLIER NEN

MODE:F ACTION:

## LAB DELIVERIES

AMOUNT IN STORAGE

0.000

| AMOUNT   | DATE     | LOCATION | AMOUNT | DATE | LOCATION |
|----------|----------|----------|--------|------|----------|
| 01 1.000 | 04/11/95 | 37 5E 26 | 07     |      |          |
| 02       |          |          | 08     |      |          |
| 03       |          |          | 09     |      |          |
| 04       |          |          | 10     |      |          |
| 05       |          |          | 11     |      |          |
| 06       |          |          | 12     |      |          |

MODE:F ACTION:14

ARCHIVED MATERIAL

01 ITEM NO 95013657

|                        |           |                       |                  |
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| 04 STORED N LOCATION   |           | 07 DELIVERED 04/11/95 | TO: 37 5D 09     |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
ATP09 CATALOG NUM  
BLU502A

ACTUAL

10 NUCLIDE P - 32 11 ACTIVITY 2.000 12 SUPPLIER NEN

MODE:F ACTION:

## PACKAGE USERS

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|----|--------------------|---------|--------|------|--------|-----------|
| 01 | 009902 HAMPTON     | LORI    | A      | N    | YNYNNN | 07        |
| 02 | 012656 KAHN        | RICHARD | A      | Y    | YNYNNN | 08        |
| 03 |                    |         |        |      |        | 09        |
| 04 |                    |         |        |      |        | 10        |
| 05 |                    |         |        |      |        | 11        |
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MODE:F ACTION:17

ARCHIVED MATERIAL

01 ITEM NO 95013657

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| 04 STORED N LOCATION |           | 07 DELIVERED 04/11/95 | TO: 37 5D 09     |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
ATP09 CATALOG NUM  
BLU502A

ACTUAL

10 NUCLIDE P - 32 11 ACTIVITY 2.000 12 SUPPLIER NEN

MODE:F ACTION:

## LAB DELIVERIES

AMOUNT IN STORAGE

0.000

| AMOUNT   | DATE     | LOCATION | AMOUNT | DATE | LOCATION |
|----------|----------|----------|--------|------|----------|
| 01 2.000 | 04/11/95 | 37 5D 09 | 07     |      |          |
| 02       |          |          | 08     |      |          |
| 03       |          |          | 09     |      |          |
| 04       |          |          | 10     |      |          |
| 05       |          |          | 11     |      |          |
| 06       |          |          | 12     |      |          |

EXHIBIT

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MODE:F ACTION:14

ARCHIVED MATERIAL

01 ITEM NO 95013658

|                        |           |                       |                  |
|------------------------|-----------|-----------------------|------------------|
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| 03 USER ID 012656 KAHN |           | 06 CONTAMINATED N     |                  |
| 04 STORED N LOCATION   |           | 07 DELIVERED 04/11/95 | TO: 37 5E 26     |

| ITEM INFORMATION                         |  | 23 ADP ORDER INFO |
|--|--|-------------------|
| 08 CHEMICAL COMPOUND OR ITEM DESCRIPTION |  | 09 CATALOG NUM    |
| DCTP                                     |  | BLU513H           |

|                   |             |       |                 |
|-------------------|-------------|-------|-----------------|
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|-------------------|-------------|-------|-----------------|

MODE:F ACTION:

PACKAGE USERS

| USER-ID   | LAST NAME, | FIRST   | STATUS | AUTH | BWRLCN | USER MENU |
|-----------|------------|---------|--------|------|--------|-----------|
| 01 009902 | HAMPTON    | LORI    | A      | N    | YNYNNN | 07        |
| 02 012656 | KAHN       | RICHARD | A      | Y    | YNYNNN | 08        |
| 03        |            |         |        |      |        | 09        |
| 04        |            |         |        |      |        | 10        |
| 05        |            |         |        |      |        | 11        |
| 06        |            |         |        |      |        | 12        |

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MODE:F ACTION:17

ARCHIVED MATERIAL

01 ITEM NO 95013658

|                      |           |                       |                  |
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| 02 ORDER NO NEF21396 | BLANKET N | 05 ARRIVED 04/10/95   | CHECKED 04/10/95 |
| 03 USER ID 012656    |           | 06 CONTAMINATED N     |                  |
| 04 STORED N LOCATION |           | 07 DELIVERED 04/11/95 | TO: 37 5E 26     |

| ITEM INFORMATION                         |  | 23 ADP ORDER INFO |
|--|--|-------------------|
| 08 CHEMICAL COMPOUND OR ITEM DESCRIPTION |  | 09 CATALOG NUM    |
| DCTP                                     |  | BLU513H           |

|                   |             |       |                 |
|-------------------|-------------|-------|-----------------|
| 10 NUCLIDE P - 32 | 11 ACTIVITY | 2.000 | 12 SUPPLIER NEN |
|-------------------|-------------|-------|-----------------|

MODE:F ACTION:

LAB DELIVERIES

AMOUNT IN STORAGE

0.000

| AMOUNT   | DATE     | LOCATION | AMOUNT | DATE | LOCATION |
|----------|----------|----------|--------|------|----------|
| 01 2.000 | 04/11/95 | 37 5E 26 | 07     |      |          |
| 02       |          |          | 08     |      |          |
| 03       |          |          | 09     |      |          |
| 04       |          |          | 10     |      |          |
| 05       |          |          | 11     |      |          |
| 06       |          |          | 12     |      |          |

04/11/95  
7:27

DELIVERY ROUTE SHEET

PAGE 1

JN

me Item Num Authorized User PO Num Address Printed Name & Signature

830 95013569 ANGUS, W NDV18752 X 28 D106

837 91035237 LIN, C TRANSFER Y FDAB 111  
91035237 LIN, C TRANSFER X FDAB 111

918 95013648 HEWLETT, I 001189C145 X FDAB 210  
95013649 HEWLETT, I 001189C145 X FDAB 210

838 95013522 BIRRER, M NVP50423 X KWC 300  
95013523 BIRRER, M NVP50423 X KWC 300

848 95013417 BROOKS, P NSP92001 X PRK 411

95013510 WILCOX, E NQG08686 X 5RC 2A 19

140 95013364 SCHWARTZ, R NCG26584 X 4 111

95013651 MCBRIDE, A NCU34151 4 137  
95013696 MCBRIDE, A NCU34151 4 137

151 95013657 KAHN, R NEF21396 37 5D 09

151 95013655 KAHN, R NEF21396 X 37 5E 26  
95013658 KAHN, R NEF21396 X 37 5E 26  
95013656 KAHN, R NEF21396 X 37 5E 26

744 95013552 FEJKA, R FM439311 X 10 1C415

744 95013154 FEJKA, R FM501072 X 10 1C415

744 95013346 FEJKA, R FM516482 X 10 1C415

744 95013553 FEJKA, R FM516494 X 10 1C415

744 95013556 FEJKA, R MM505452 X 10 1C415

(E)

EXHIBIT 43  
PAGE 6 OF 9 PAGE(S)



MODE:F ACTION:14

ARCHIVED MATERIAL

01 ITEM NO 95016056

|                      |           |                       |                  |
|----------------------|-----------|-----------------------|------------------|
| 02 ORDER NO NEF19918 | BLANKET N | 05 ARRIVED 05/12/95   | CHECKED 05/12/95 |
| 03 USER ID 007728    | BATTEY    | 06 CONTAMINATED N     |                  |
| 04 STORED N          | LOCATION  | 07 DELIVERED 05/16/95 | TO: 37 5E 26     |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
ATP09 CATALOG NUM  
BLU502A

ACTUAL

10 NUCLIDE P - 32 11 ACTIVITY 1.000 12 SUPPLIER NEN

MODE:F ACTION:

## PACKAGE USERS

| USER-ID   | LAST NAME, | FIRST | STATUS | AUTH | BWRLCN | USER MENU |
|-----------|------------|-------|--------|------|--------|-----------|
| 01 009902 | HAMPTON    | LORI  | A      | N    | YNNNN  | 07        |
| 02        |            |       |        |      |        | 08        |
| 03        |            |       |        |      |        | 09        |
| 04        |            |       |        |      |        | 10        |
| 05        |            |       |        |      |        | 11        |
| 06        |            |       |        |      |        | 12        |

Can't change the specified field(s).

MODE:F ACTION:17

ARCHIVED MATERIAL

01 ITEM NO 95016056

|                      |           |                       |                  |
|----------------------|-----------|-----------------------|------------------|
| 02 ORDER NO NEF19918 | BLANKET N | 05 ARRIVED 05/12/95   | CHECKED 05/12/95 |
| 03 USER ID 007728    |           | 06 CONTAMINATED N     |                  |
| 04 STORED N          | LOCATION  | 07 DELIVERED 05/16/95 | TO: 37 5E 26     |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
ATP09 CATALOG NUM  
BLU502A

ACTUAL

10 NUCLIDE P - 32 11 ACTIVITY 1.000 12 SUPPLIER NEN

MODE:F ACTION:

## LAB DELIVERIES

AMOUNT IN STORAGE

0.000

| AMOUNT   | DATE     | LOCATION | AMOUNT | DATE | LOCATION |
|----------|----------|----------|--------|------|----------|
| 01 1.000 | 05/16/95 | 37 5E 26 | 07     |      |          |
| 02       |          |          | 08     |      |          |
| 03       |          |          | 09     |      |          |
| 04       |          |          | 10     |      |          |
| 05       |          |          | 11     |      |          |
| 06       |          |          | 12     |      |          |

|                      |           |                 |          |         |          |
|----------------------|-----------|-----------------|----------|---------|----------|
| 02 ORDER NO NEF19918 | BLANKET N | 05 ARRIVED      | 05/12/95 | CHECKED | 05/12/95 |
| 03 USER ID 007728    | BATTEY    | 06 CONTAMINATED | N        |         |          |
| 04 STORED N          | LOCATION  | 07 DELIVERED    | 05/16/95 | TO:     | 37 5E 26 |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
DCTP

09 CATALOG NUM  
BLU513H

## ACTUAL

10 NUCLIDE P - 32      11 ACTIVITY      1.000      12 SUPPLIER NEN

MODE:F ACTION:

## PACKAGE USERS

| USER-ID   | LAST NAME, | FIRST | STATUS | AUTH | BWRLCN | USER MENU |
|-----------|------------|-------|--------|------|--------|-----------|
| 01 009902 | HAMPTON    | LORI  | A      | N    | YNNNN  | 07        |
| 02        |            |       |        |      |        | 08        |
| 03        |            |       |        |      |        | 09        |
| 04        |            |       |        |      |        | 10        |
| 05        |            |       |        |      |        | 11        |
| 06        |            |       |        |      |        | 12        |

Can't change the specified field(s).

MODE:F ACTION:17

## ARCHIVED MATERIAL

01 ITEM NO 95016058

|                      |           |                 |          |         |          |
|----------------------|-----------|-----------------|----------|---------|----------|
| 02 ORDER NO NEF19918 | BLANKET N | 05 ARRIVED      | 05/12/95 | CHECKED | 05/12/95 |
| 03 USER ID 007728    |           | 06 CONTAMINATED | N        |         |          |
| 04 STORED N          | LOCATION  | 07 DELIVERED    | 05/16/95 | TO:     | 37 5E 26 |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
DCTP

09 CATALOG NUM  
BLU513H

## ACTUAL

10 NUCLIDE P - 32      11 ACTIVITY      1.000      12 SUPPLIER NEN

MODE:F ACTION:

## LAB DELIVERIES

AMOUNT IN STORAGE

0.000

| AMOUNT   | DATE     | LOCATION | AMOUNT | DATE | LOCATION |
|----------|----------|----------|--------|------|----------|
| 01 1.000 | 05/16/95 | 37 5E 26 | 07     |      |          |
| 02       |          |          | 08     |      |          |
| 03       |          |          | 09     |      |          |
| 04       |          |          | 10     |      |          |
| 05       |          |          | 11     |      |          |
| 06       |          |          | 12     |      |          |

05/16/95  
13:08

DELIVERY ROUTE SHEET

PAGE 2

Time Item Num Authorized User PO Num Address Printed Name & Signature

|      |          |               |          |          |              |
|------|----------|---------------|----------|----------|--------------|
| 2:12 | 95016230 | PATERSON, B   | NPL21658 | 37 4A 21 | J. Eldredge  |
| 2:07 | 95016082 | PASTAN, I     | NDC16592 | 37 4B 22 | D. Rocco     |
| 2:04 | 95016056 | BATTEY, J     | NEF19918 | 37 5E 26 | L. Thompson  |
|      | 95016058 | BATTEY, J     | NEF19918 | 37 5E 26 | L. Thompson  |
| 2:05 | 95016072 | POMMIER, Y    | NEF12814 | 37 5D 27 | Y. Honda     |
|      | 95016071 | POMMIER, Y    | NEF12814 | 37 5D 27 | Kobayashi    |
| 2:01 | 95016200 | REITZ, M      | NJF68268 | 37 6D 23 | T. S. Smith  |
|      | 95016221 | ROSENBERG, S  | NIY37966 | 10 2B 11 | Thompson     |
|      | 95016208 | SAAVEDRA, J   | NFF87943 | 10 2D 45 |              |
|      | 95016288 | SAAVEDRA, J   | NFF89015 | 10 2D 45 |              |
| 4:02 | 95015282 | HODES, R      | MQ522920 | 10 4B 10 | Y. Yamashita |
|      | 95016214 | TING, C       | NDP92850 | 10 4B 49 | Y. Yamashita |
|      | 95016209 | ROSENBERG, S  | NIY37930 | 10 4B 50 |              |
|      | 95016187 | STONE, R      | NJS76708 | 10 5B 12 |              |
|      | 95016207 | ZEICHNER, S   | NIY37927 | 10 5A 21 |              |
|      | 95015909 | SHEARER, G    | NDK57777 | 10 5A 33 |              |
|      | 95016077 | VENKATESAN, S | NCG18800 | 10 6A 05 |              |
|      | 95016222 | GREINER, J    | NDB31907 | 10 8B 04 |              |
|      | 95016203 | LEROIETH, D   | NUW62980 | 10 8D 48 |              |
|      | 95016201 | LEROIETH, D   | NUW62980 | 10 8D 48 |              |

# EXHIBIT 44

INTERVIEW REPORT  
OF  
MARK HELLMICH

On October 18, 1995, Mark HELLMICH, Doctorate Fellow at the National Institutes of Health (NIH), was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted on a park bench outside Building 35 at the NIH, National Cancer Institute, Bethesda, MD. No other persons were present during the interview. The purpose of the interview was to obtain general information regarding the 5th floor laboratories in Building 37. The interview was also conducted to determine HELLMICH's knowledge of the contamination incident at NIH in which Wenli MA was contaminated with phosphorus-32 (P-32). HELLMICH was questioned regarding the P-32 and phosphorus-33 (P-33) contamination of the water cooler on the 5th floor of Building 37. He was also questioned regarding the delivery of items 95016752 and 95016753, dated May 22, 1995. HELLMICH provided the following information in response to questions:

HELLMICH resides at [REDACTED] and he has been employed at NIH since June 1991. His work telephone number is 301-496-9167. His date of birth is [REDACTED] and his Social Security Number is [REDACTED]. He received a Ph.D. degree from Boston University. He is resigning his position at NIH effective January 1, 1996, and he will become an assistant professor at the University of Texas, Galveston, TX.

The 5th floor of Building 37, contains three laboratories: the Laboratory of Medicinal Chemistry, the Laboratory of Molecular Pharmacology (LMP), and the Laboratory of Biological Chemistry (LBC).

He now works for the National Institute for Deafness and Other Communication Disorders (NIDCD). His supervisor is James BATTEY. Although the NIDCD laboratory is located in Rockville, MD, he is currently on assignment working in Building 36 at NIH. He formally worked in Building 37 on the 5th floor. BATTEY's entire group moved from LBC to NIDCD in June 1995.

HELLMICH could provide no pertinent information regarding the contamination incident at NIH in which MA was contaminated with P-32. He was not in the building the night MA was discovered contaminated. In addition, he could provide no pertinent information regarding the contamination with P-32 and P-33 of the 5th floor water cooler. He did drink, on an almost daily basis, about eight ounces of water from the water cooler. He submitted a urine sample which was not contaminated. However, he was on vacation from July 12 to July 17, 1995.

INVESTIGATOR'S NOTE: The water cooler was discovered contaminated on July 14, 1995.

HELLMICH identified his signature on the delivery documents (items 95016752 and 95016753 attached). He said that usually Lori HAMPTON ordered the radioactive material for his laboratory. He said it was routine for anyone in the laboratory to sign for radioactive material when it was delivered from the NIH Radiation Safety Department. He maintained his radioactive material in a refrigerator in room 5E24 or 5E26. He was aware that some radioactive

material was borrowed from other laboratories within LBC, but he never lent any radioactive material to John WEINSTEIN, Wenling ZHENG, or MA. The

CASE NO. 1 - 95 - 033

EXHIBIT 14  
PAGE 1 OF 5 PAGE(S)

laboratory logs, regarding the receipt and usage of P-32 within the laboratory, are maintained by HAMPTON, and there is no missing radioactive material from his inventory.

Just after the MA contamination incident, he had a conversation with some coworkers regarding the incident. He could not recall exactly who he had the conversation with, but probably with people that work in the "D" isle on the 5th floor of Building 37. The "D" isle is right near his former work station. During the conversation he recalls mentioning that he saw MA with a toddler (nfi). He also recalls that during the conversation, the "one child China policy" was mentioned. However, he does not recall who mentioned the policy. He claimed the conversation was general office gossip. Just after the conversation, he received a telephone call from William BONNER, an LMP section chief. He said that BONNER called him at home and asked him about MA, ZHENG and their children. He said that he never talks to BONNER and to receive a telephone call at home was very unusual. He said that he told BONNER that he didn't personally know ZHENG and MA, that he only saw them in the hallways of Building 37. He said that he told BONNER that he saw MA with the toddler. He does not consider MA being with a toddler significant enough to make a determination that MA had children.

In passing, HELLMICH said that security in the laboratories has increased as a result of the incident. However, given the right set of circumstances, he said that it is still possible to enter the laboratory buildings and go directly to the laboratories without being stopped. It is also possible, under certain conditions, to enter the refrigerators that contain radioactive material without being detected. As a way of providing an example, HELLMICH said a researcher could be working alone in several laboratories, therefore, creating the possibility of someone entering a refrigerator containing radioactive material without being detected. HELLMICH stated that during prior NRC inspections he has received advanced notice of the inspections. Usually personnel will be more cognizant of the regulations when the inspectors are at NIH; however, after the inspectors leave the facility they relax and go back to their pervious habits.

He is willing to voluntarily submit fingerprints, and would submit to a polygraph examination.

The interview was terminated at approximately 3:45 p.m.

This interview was reported on October 20, 1995.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I

Attachment:  
As stated

MODE:F ACTION:14

ARCHIVED MATERIAL

01 ITEM NO 95016752

|                      |            |                 |          |         |          |
|----------------------|------------|-----------------|----------|---------|----------|
| 02 ORDER NO NEF14837 | BLANKET N  | 05 ARRIVED      | 05/22/95 | CHECKED | 05/22/95 |
| 03 USER ID C07728    | BATTEY     | 06 CONTAMINATED | N        |         |          |
| 04 STORED            | N LOCATION | 07 DELIVERED    | 05/23/95 | TO:     | 37 5E 26 |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
ATP -09 CATALOG NUM  
BLU502A

ACTUAL

10 NUCLIDE P - 32 11 ACTIVITY 1.000 12 SUPPLIER NEN

MODE:F ACTION:

## PACKAGE USERS

| USER-ID LAST NAME, | FIRST | STATUS | AUTH | BWRLCN | USER MENU |
|--------------------|-------|--------|------|--------|-----------|
| 01 009902 HAMPTON  | LORI  | A      | N    | YNNNN  | 07        |
| 02                 |       |        |      |        | 08        |
| 03                 |       |        |      |        | 09        |
| 04                 |       |        |      |        | 10        |
| 05                 |       |        |      |        | 11        |
| 06                 |       |        |      |        | 12        |

Can't change the specified field(s).

MODE:F ACTION:17

ARCHIVED MATERIAL

01 ITEM NO 95016752

|                      |            |                 |          |         |          |
|----------------------|------------|-----------------|----------|---------|----------|
| 02 ORDER NO NEF14837 | BLANKET N  | 05 ARRIVED      | 05/22/95 | CHECKED | 05/22/95 |
| 03 USER ID 007728    |            | 06 CONTAMINATED | N        |         |          |
| 04 STORED            | N LOCATION | 07 DELIVERED    | 05/23/95 | TO:     | 37 5E 26 |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
ATP09 CATALOG NUM  
BLU502A

ACTUAL

10 NUCLIDE P - 32 11 ACTIVITY 1.000 12 SUPPLIER NEN

MODE:F ACTION:

## LAB DELIVERIES

AMOUNT IN STORAGE

0.000

| AMOUNT   | DATE     | LOCATION | AMOUNT | DATE | LOCATION |
|----------|----------|----------|--------|------|----------|
| 01 1.000 | 05/23/95 | 37 5E 26 | 07     |      |          |
| 02       |          |          | 08     |      |          |
| 03       |          |          | 09     |      |          |
| 04       |          |          | 10     |      |          |
| 05       |          |          | 11     |      |          |
| 06       |          |          | 12     |      |          |

|                      |           |                       |                  |
|----------------------|-----------|-----------------------|------------------|
| 02 ORDER NO NEF14837 | BLANKET N | 05 ARRIVED 05/22/95   | CHECKED 05/22/95 |
| 03 USER ID 007728    | BATTEY    | 06 CONTAMINATED N     |                  |
| 04 STORED N LOCATION |           | 07 DELIVERED 05/23/95 | TO: 37 5E 26     |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
DCTP09 CATALOG NUM  
BLU513H

ACTUAL

10 NUCLIDE P - 32 11 ACTIVITY 1.000 12 SUPPLIER NEN

MODE:F ACTION:

## PACKAGE USERS

|    | USER-ID LAST NAME, | FIRST | STATUS AUTH | BWRLCN | USER MENU |
|----|--------------------|-------|-------------|--------|-----------|
| 01 | 009902 HAMPTON     | LORI  | A N         | YNNNN  | 07        |
| 02 |                    |       |             |        | 08        |
| 03 |                    |       |             |        | 09        |
| 04 |                    |       |             |        | 10        |
| 05 |                    |       |             |        | 11        |
| 06 |                    |       |             |        | 12        |

Can't change the specified field(s).

MODE:F ACTION:17

## ARCHIVED MATERIAL

01 ITEM NO 95016753

|                      |           |                       |                  |
|----------------------|-----------|-----------------------|------------------|
| 02 ORDER NO NEF14837 | BLANKET N | 05 ARRIVED 05/22/95   | CHECKED 05/22/95 |
| 03 USER ID 007728    |           | 06 CONTAMINATED N     |                  |
| 04 STORED N LOCATION |           | 07 DELIVERED 05/23/95 | TO: 37 5E 26     |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
DCTP09 CATALOG NUM  
BLU513H

ACTUAL

10 NUCLIDE P - 32 11 ACTIVITY 1.000 12 SUPPLIER NEN

MODE:F ACTION:

## LAB DELIVERIES

AMOUNT IN STORAGE

0.000

| AMOUNT   | DATE     | LOCATION | AMOUNT | DATE | LOCATION |
|----------|----------|----------|--------|------|----------|
| 01 1.000 | 05/23/95 | 37 5E 26 | 07     |      |          |
| 02       |          |          | 08     |      |          |
| 03       |          |          | 09     |      |          |
| 04       |          |          | 10     |      |          |
| 05       |          |          | 11     |      |          |
| 06       |          |          | 12     |      |          |

EXHIBIT 2/4



05/23/95  
14:27

DELIVERY ROUTE SHEET

PAGE 1

| Time | Item Num | Authorized User | PO Num      | Address   | Printed Name & Signature           |
|------|----------|-----------------|-------------|-----------|------------------------------------|
| 4:32 | 95100812 | KORN, E         | NUX31661    | 3 B1-22   | Person saw they did not order this |
|      | 95100775 | MOSS, J         | NJY12543    | 10 5D11   |                                    |
|      | 95100816 | YANG, L         | NUX27698    | 10 7D13   |                                    |
| 4:34 | 95100801 | TAYLOR, W       | NEN66346    | 37 1D27   |                                    |
|      | 95100799 | TAYLOR, W       | NEN66346    | 37 1D27   |                                    |
|      | 95100800 | TAYLOR, W       | NEN66346    | 37 1D27   |                                    |
|      |          |                 | LA ROCHELLE |           |                                    |
|      | 95100809 | MOSS, J         | NJY12894    | 10 5N307  |                                    |
|      | 95100811 | CHAN, C         | NGK11903    | 10 10N111 |                                    |
| 3:04 | 95016739 | COMPTON, J      | NEG58076    | 6 433     | White                              |
| 3:07 | 95016829 | WOLFFE, A       | NO CHARGE   | 6A 1B 06  | STROYBOWIS                         |
| 3:48 | 95016729 | HOROWITZ, J     | 001168C328  | 29A 3B 19 | T. Samaha                          |
| 3:53 | 95016737 | GOLDING, H      | 001189C181  | 29B 3G 21 | K. Faust                           |
| 3:41 | 95016551 | NOTKINS, A      | NJQ21392    | 30 114    | Paul Zhou                          |
| 3:43 | 95016736 | NOTKINS, A      | NJQ20843    | 30 230    | DENG, Jia Deng                     |
| 4:09 | 95016764 | WIRTH, P        | NTF64782    | 37 3C 04  | James                              |
| 4:07 | 95016752 | BATTEY, J       | NEF14837    | 37 5E 26  |                                    |
|      | 95016753 | BATTEY, J       | NEF14837    | 37 5E 26  |                                    |
|      | 95016581 | LEROITH, D      | NUW60290    | 10 8D 48  |                                    |
|      | 95016465 | BENNETT, J      | NCD96935    | 10 11C118 |                                    |

# EXHIBIT 45

INTERVIEW REPORT  
OF  
MARY CHRISTINE HOLLANDER

On September 6, 1995, Mary Christine HOLLANDER, Microbiologist, National Institute of Health (NIH), was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted at a conference room located at the NIH, National Cancer Institute (NCI), Building 37, Room 5C25, Bethesda, MD. The interview started at approximately 12:40 p.m. and no other persons were present. The purpose of the interview was to obtain general information regarding the 5th floor laboratories of building 37 at the NIH. The interview was also conducted to determine HOLLANDER's knowledge of the contamination incident at NIH in which Wenli MA (Maryann) was contaminated with phosphorus-32 (P-32). HOLLANDER was also questioned regarding the P-32 and phosphorus-33 (P-33) contamination of the water cooler on the 5th floor of Building 37. In particular, HOLLANDER was interviewed because she signed two P-32 delivery slips; item 95016650, dated May 19, 1995, and item 95015179, dated May 1, 1995. HOLLANDER provided the following information in response to questions:

HOLLANDER resides at [REDACTED] and she has been employed at NIH for since 1986. Her telephone number at work is 301-402-0745. Her date of birth is [REDACTED] and her Social Security Number is [REDACTED]. She received a B.S. degree in [REDACTED] from UCLA at Irvine, CA, and a Ph.D from George Washington University in [REDACTED].

The 5th floor of Building 37 contains three laboratories: the Laboratory of Molecular Pharmacology (LMP), the Laboratory of Medicinal Chemistry (LMC), and the Laboratory of Biological Chemistry (LBC). All three laboratories combined have about one hundred and twenty employees. HOLLANDER works in the LMP and her supervisor is Al FORANCE.

HOLLANDER examined the attached aforementioned delivery item documents and identified her signature on the delivery slips. She said she signed for the delivery of P-32 that was ordered by the authorized user, Yves POMMIER. She said that when the delivery of radioactive material is received from the NIH Radiation Safety Department, anyone in the laboratory can sign the delivery slip acknowledging the receipt of the material. On occasion, she will sign for the radioactive material in her laboratory. She claims that the laboratory log for the usage of P-32 within her laboratory is very accurate because "we keep good records". She was aware that radioactive material was lent to other laboratories on the 5th floor of building 37, but she has never lent, or given, any P-32 to Dr. John WEINSTEIN, Wenling ZHENG or MA. To her knowledge, there is no missing P-32 from her laboratory inventory.

HOLLANDER drank water from the water cooler that was later determined to be contaminated with P-32 and P-33. She drinks about twelve ounces of water per week from the water cooler. She did submit to a urine test and it was determined that she was slightly contaminated with [REDACTED]. On July 7, 1995, her children (ages 1 & 4) visited her at the laboratory and did drink from the water cooler. Both were tested, and both results were negative.

She could provide no pertinent information regarding the contamination of MA

or the water cooler. She is willing to voluntarily submit fingerprints and take a polygraph.

The interview was terminated at approximately 1:05 p.m.

This interview was reported on September 6, 1995.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I

Attachments:  
As stated



MODE:F ACTION:

ARCHIVED MATERIAL

01 ITEM NO 95016650

|                      |           |                       |                  |
|----------------------|-----------|-----------------------|------------------|
| 02 ORDER NO NEF12005 | BLANKET N | 05 ARRIVED 05/19/95   | CHECKED 05/19/95 |
| 03 USER ID 011209    |           | 06 CONTAMINATED N     |                  |
| 04 STORED N LOCATION |           | 07 DELIVERED 05/22/95 | TO: 37 5C 01     |

## ITEM INFORMATION

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
DCTP

23 ADP ORDER INF

09 CATALOG NUM

33004X

## ACTUAL

10 NUCLIDE P - 32 11 ACTIVITY 1.000 12 SUPPLIER ICN

## PACKAGE SCREENS

14 ITEM USERS 16 ORDER FORM

13 STORAGE AMOUNT

15 USAGE LOCATIONS 17 LAB DELIVERIES

ORDER EXISTS Y

0.000

## PACKAGE FLAGS

18 PRINT LABEL ? Y 19 DELIVERY DATES Y 20 PARTIAL DELIV. N 21 TRANSFERS N

22 COMMENT

WHEN ACCESSED FROM INQUIRY, UPDATES ARE NOT ALLOWED.

MODE:F ACTION:14

ARCHIVED MATERIAL

01 ITEM NO 95016650

|                      |           |                       |                  |
|----------------------|-----------|-----------------------|------------------|
| 02 ORDER NO NEF12005 | BLANKET N | 05 ARRIVED 05/19/95   | CHECKED 05/19/95 |
| 03 USER ID 011209    |           | 06 CONTAMINATED N     |                  |
| 04 STORED N LOCATION |           | 07 DELIVERED 05/22/95 | TO: 37 5C 01     |

## ITEM INFORMATION

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
DCTP

23 ADP ORDER INFO

09 CATALOG NUM

33004X

## ACTUAL

10 NUCLIDE P - 32 11 ACTIVITY 1.000 12 SUPPLIER ICN

MODE:F ACTION:

## PACKAGE USERS

|    | USER-ID LAST NAME, | FIRST      | STATUS AUTH | BWRLCN | USER MENU |
|----|--------------------|------------|-------------|--------|-----------|
| 01 | 013470 HOLLANDER   | MARY CHRIS | A N         | YNYNNN | 07        |
| 02 |                    |            |             |        | 08        |
| 03 |                    |            |             |        | 09        |
| 04 |                    |            |             |        | 10        |
| 05 |                    |            |             |        | 11        |
| 06 |                    |            |             |        | 12        |

THESE USER LINKS EXIST FOR THIS PACKAGE'S USE.

05/22/95  
15:50

DELIVERY ROUTE SHEET

PAGE 1

| Time | Item Num | Authorized User | PO Num   | Address   | Printed Name & Signature |
|------|----------|-----------------|----------|-----------|--------------------------|
|      | 95016460 | MANDEL, M       | NIH77032 | 14E 103   | Mandel                   |
|      | 95016527 | DONAHUE, R      | NUX28613 | 5RC 1B 06 |                          |
|      | 95016524 | DONAHUE, R      | NUX29516 | 5RC 1B 06 |                          |
|      | 95016475 | MAJOR, E        | NJU51911 | 36 5C 14  |                          |
|      | 95016746 | MUSHINSKI, F    | NDP40186 | 37 2B 24  | Siwarsk                  |
|      | 95016455 | STRICKLAND, J   | NIL58947 | 37 3B 22  |                          |
| 400  | 95016650 | ALAMO, I        | NEF12005 | 37 5C 01  | C. Hollander             |
|      | 95016733 | REITZ, M        | NJF69366 | 37 6C 15  |                          |
|      | 95016567 | LIOTTA, L       | NSQ75206 | 10 2C533  |                          |
| 409  | 95016730 | GESELOWITZ, D   | NDV07188 | 10 4D 45  | Geelowitz                |
|      | 95016576 | LEROITH, D      | NUW60303 | 10 8D 48  |                          |

MODE:F ACTION:14

ARCHIVED MATERIAL

01 ITEM NO 95015179

|                        |           |                       |                  |
|------------------------|-----------|-----------------------|------------------|
| 02 ORDER NO NEF15738   | BLANKET N | 05 ARRIVED 05/01/95   | CHECKED 05/01/95 |
| 03 USER ID 000279 KOHN |           | 06 CONTAMINATED N     |                  |
| 04 STORED N LOCATION   |           | 07 DELIVERED 05/01/95 | TO: 37 5C 19     |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
ATP

09 CATALOG NUM  
BLU002Z

ACTUAL

10 NUCLIDE P - 32      11 ACTIVITY      1.000 12 SUPPLIER NEN

MODE:F ACTION:

## PACKAGE USERS

| USER-ID LAST NAME, | FIRST | STATUS AUTH | BWRLCN | USER MENU |
|--------------------|-------|-------------|--------|-----------|
| 01 029186 DUBA     | DIANE | A N         | YNNNN  | 07        |
| 02                 |       |             |        | 08        |
| 03                 |       |             |        | 09        |
| 04                 |       |             |        | 10        |
| 05                 |       |             |        | 11        |
| 06                 |       |             |        | 12        |

Can't change the specified field(s).

MODE:F ACTION:17

ARCHIVED MATERIAL

01 ITEM NO 95015179

|                      |           |                       |                  |
|----------------------|-----------|-----------------------|------------------|
| 02 ORDER NO NEF15738 | BLANKET N | 05 ARRIVED 05/01/95   | CHECKED 05/01/95 |
| 03 USER ID 000279    |           | 06 CONTAMINATED N     |                  |
| 04 STORED N LOCATION |           | 07 DELIVERED 05/01/95 | TO: 37 5C 19     |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
ATP

09 CATALOG NUM  
BLU002Z

ACTUAL

10 NUCLIDE P - 32      11 ACTIVITY      1.000 12 SUPPLIER NEN

MODE:F ACTION:

## LAB DELIVERIES

AMOUNT IN STORAGE

0.000

| AMOUNT   | DATE     | LOCATION | AMOUNT | DATE | LOCATION |
|----------|----------|----------|--------|------|----------|
| 01 1.000 | 05/01/95 | 37 5C 19 | 07     |      |          |
| 02       |          |          | 08     |      |          |
| 03       |          |          | 09     |      |          |
| 04       |          |          | 10     |      |          |
| 05       |          |          | 11     |      |          |
| 06       |          |          | 12     |      |          |

05/01/95  
15:05

DELIVERY ROUTE SHEET

JN (7)

PAGE 1

| Time | Item Num | Authorized User | PO Num   | Address   | Printed Name & Signature                |
|------|----------|-----------------|----------|-----------|---|
|      | 95015065 | YOULE, R        | NJS80082 | 21 111    |   |
|      | 95014736 | HORTON, W       | MA507862 | GRC 1C 07 |   |
|      | 95014737 | BOHR, V         | MA519496 | GRC 2D 07 |   |
|      | 95014738 | BOHR, V         | MA519496 | GRC 2D 07 |   |
|      | 95011084 | BOHR, V         | MA519714 | GRC 2D 07 |   |
|      | 95014739 | HOLBROOK, N     | MA522775 | GRC 2E 09 |   |
|      | 95015195 | HOLBROOK, N     | MA526326 | GRC 2E 09 |   |
|      | 95015196 | HOLBROOK, N     | MA526326 | GRC 2E 09 |   |
|      | 95014965 | ROTH, G         | NDQ24402 | GRC 4E 20 |   |
| 744  | 95014944 | EARL, P         | NCG22353 | 4 232     | <i>P. Earl</i><br>HARRIS                |
|      | 95014881 | LEWIS, A        | MD506649 | 7 337     |   |
| 345  | 95014939 | CANTONI, G      | NFS63044 | 36 3D 06  | <i>Annette Kuo</i>                      |
| 348  | 95015182 | ODENWALD, W     | NGU33966 | 36 3C 22  | <i>Wendy Odenwald</i><br>ODENWALD       |
| 343  | 95014471 | HALLENBECK, J   | NGI39145 | 36 4B 26  | <i>John Hallenbeck</i><br>HALLENBECK, J |
|      | 95014884 | MAURIZI, M      | NDP42955 | 37 1B 28  |   |
|      | 95015003 | DE LUCA, L      | NIL59903 | 37 3A 19  |   |
| 339  | 95015179 | KOHN, K         | NEF15738 | 37 5C 19  | <i>K. Kohn</i><br>Hollander             |
| 336  | 95015058 | POMMIER, Y      | NEF15817 | 37 5D 27  | <i>Y. Pommier</i>                       |
|      | 95015061 | POMMIER, Y      | NEF15817 | 37 5D 27  | <i>Y. Pommier</i><br>Kohlhagen          |
|      | 95015209 | NELSON, D       | NUF01237 | 10 4N112  |   |

EXHIBIT

45

PAGE 6 OF 6 PAGE(S)



# EXHIBIT 46

EXHIBIT 46

THIS EXHIBIT IS A DOCUMENT PREPARED BY ANOTHER AGENCY. THAT AGENCY HAS  
DETERMINED THE DOCUMENT IS WITHHOLDABLE AND AS SUCH IS BEING MAINTAINED IN THE  
OFFICE OF INVESTIGATIONS:HEADQUARTERS

# EXHIBIT 47

EXHIBIT 47

THIS EXHIBIT IS A DOCUMENT PREPARED BY ANOTHER AGENCY. THAT AGENCY HAS  
DETERMINED THE DOCUMENT IS WITHHOLDABLE AND AS SUCH IS BEING MAINTAINED IN THE  
OFFICE OF INVESTIGATIONS:HEADQUARTERS

# EXHIBIT 48

REPORT OF INTERVIEW  
WITH  
VESSELA S. IVANOVA

On August 2, 1995, Vessela S. IVANOVA, Researcher, was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted at a conference room located at the National Institutes of Health (NIH), National Cancer Institute (NCI), Building 37, Room 5C19, Bethesda, MD. The interview started at approximately 12:28 p.m.; no other persons were present. The purpose of the interview was to obtain general information regarding the 5th floor laboratories of building 37 at the NIH. The interview was also conducted to determine IVANOVA's knowledge of the contamination incident at NIH in which Wenli MA (Maryann) was contaminated with radioactive phosphorus-32 (P-32). In addition, IVANOVA was questioned regarding the P-32 contamination of the water cooler on the 5th floor of Building 37. IVANOVA provided the following information in response to questions.

She resides at [REDACTED] and she is employed at NIH for the last four years. Her date of birth is [REDACTED] in [REDACTED]; she could not recall her Social Security Number. She received her Ph.D. from the Institute of Molecular Biology, Academy of Sciences, Sofia, Bulgaria. She is conducting research under the Fogarty Fellows Program. Her laboratory (5D19) is directly across the hall from JOHN WEINSTEIN's laboratory. She works in the Laboratory of Molecular Pharmacology (LMP); her supervisor at NIH is Dr. William BONNER. She is a molecular biologist; she is not in competition with ZHENG or MA.

She was at her laboratory on Thursday, June 29, 1995, but was not present during the contamination incident that took place that evening. She heard about the incident the next day. She knows who ZHENG and MA are, because they worked in her laboratory for about a month when they first arrived at NIH. She does not consider ZHENG and MA close friends. To her knowledge, there is no animosity within her laboratory; she knows of no fights or problems. Ann ORR works in her laboratory, but is not her technician.

IVANOVA could provide no further pertinent information regarding the contamination incident in which MA was contaminated with P-32. In addition, she could provide no pertinent information regarding the P-32 contamination of the 5th floor water cooler. She rarely uses the water cooler; she submitted a urine sample but does not know if she is contaminated. She does not suspect anyone of the aforementioned contamination incidents. In particular, she does not suspect ZHENG, MA, or WEINSTEIN of participating in the contamination incidents.

She is willing to voluntarily submit fingerprints and to submit to a polygraph examination.


The interview was terminated approximately 12:55 p.m.

This interview was reported on August 3, 1995.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I

  
Case No. 1-95-033A

2

EXHIBIT 48  
PAGE 2 OF 2 PAGE(S)

# EXHIBIT 49



INTERVIEW REPORT  
OF  
ANDREW JANOFF

On May 10, 1995, Andrew JANOFF, Vice President, The Liposome Company, Inc. (LC), One Research Way, Princeton, NJ was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Special Agent Gerard Kenna. The interview was conducted at JANOFF's office; the interview started at approximately 11:15 a.m., and Carol J. GILLESPIE, the LC attorney, was present during the entire interview. The interview was conducted to determine JANOFF's knowledge of the contamination incident at the National Institutes of Health (NIH), Bethesda, MD, in which Wenli MA was contaminated with phosphorus-32 (P-32) and the P-32/phosphorus-33 (P-33) contamination of the water cooler at NIH. The interview was also conducted to determine JANOFF's relationship with Dr. John WEINSTEIN. The interview was conducted because GILLESPIE named JANOFF as the person with the most regular and direct contact with WEINSTEIN. GILLESPIE provided her comments during her Federal Bureau of Investigation (FBI) interview of April 25, 1995. At the start of the interview, JANOFF requested that GILLESPIE be present during the interview. Both JANOFF and GILLESPIE were warned that a potential conflict of interest may develop as a result of GILLESPIE being present. In spite of the warning, JANOFF still requested that GILLESPIE be present during the interview. JANOFF provided the following information in response to questions:

JANOFF resides at [REDACTED] and he has been employed by LC since 1981. His date of birth is [REDACTED] and his Social Security Number is [REDACTED]. He received his B.S. degree from American University in [REDACTED] and he received his Ph.D degree from Michigan State University. He indicated he completed some post doctoral work at Harvard University.

JANOFF stated that when he received the telephone call from the reporting agent requesting an interview, he immediately called WEINSTEIN in an effort to determine the nature of the interview. WEINSTEIN told him to cooperate fully with the investigation and to be as helpful as possible. JANOFF related the conversation was deliberately short, because he wanted to be able to say the contents of the conversation were brief. JANOFF indicated he did not want it to appear that he was seeking counsel from WEINSTEIN regarding the contents of the interview.

JANOFF was one of the founding officers of LC, and he has known WEINSTEIN since about January 1982. WEINSTEIN was originally a member of LC's Scientific Advisory Board which was a loosely defined board composed of scientists providing input into proposed LC projects. Most large companies have some type of advisory board or committee. Although WEINSTEIN is employed by NIH, JANOFF stated that WEINSTEIN had permission, in writing, from NIH to be a member of the board.

Currently, WEINSTEIN is a member of the LC's Cancer Advisory Board. JANOFF has about four or five telephone conversations, and at least two personal visits, with WEINSTEIN per year. The contacts revolve around company projects. The advisory board usually holds a bi-annual meetings in New York.

In passing, JANOFF had a recollection of a board meeting being held at the LC research laboratory in Princeton, NJ. JANOFF stated that LC is an NRC licensee, and the company has never had any contamination incidents.

According to JANOFF, WEINSTEIN receives compensation for his services, but indicated the amount was very small. JANOFF declined to disclose the amount of money that WEINSTEIN receives in compensation. JANOFF indicated that WEINSTEIN was offered, and refused, several stock offerings from LC in return for his services. In an effort to make a point, JANOFF indicated that WEINSTEIN would be a very rich man today if he would have accepted the stock offerings. To his knowledge, WEINSTEIN does not own any LC stock.

JANOFF indicated that WEINSTEIN is more interested in science than money. In a related thought, JANOFF commented that people were even more important to WEINSTEIN than the science. In addition, WEINSTEIN was completely above board regarding his ethical responsibilities, and the possibility of any conflict of interest regarding his work at LC. JANOFF related that WEINSTEIN was asked to sign a secrecy agreement last summer; however, he delayed the signing until the NIH lawyers approved the agreement. Normally, employees do not hesitate to sign the agreement, but WEINSTEIN wanted to "dot all the Is and cross all the Ts before signing." Concerning WEINSTEIN's character, JANOFF made only favorable comments.

Shortly after the contamination incidents at NIH, JANOFF received a telephone call from WEINSTEIN regarding LC business. During the conversation, WEINSTEIN related that a radiation contamination incident had just occurred at NIH. According to JANOFF, WEINSTEIN commented that the incident was due to an accident. JANOFF said WEINSTEIN was clearly concerned for the pregnant researcher, and seemed concerned about how the contamination happened. WEINSTEIN's conversation was very brief, and WEINSTEIN indicated no culpability in the contamination incident. JANOFF said that he learned the details of the incident from a magazine article, and from the "60 Minutes" television program. He could provide no further information regarding the contamination of MA or the water cooler.

The interview was terminated at approximately 11:55 p.m.

This interview was reported on May 10, 1995.

Reported by:



Gerard Kenna, Special Agent  
Office of Investigations  
Field Office, Region I

# EXHIBIT 50

INTERVIEW REPORT  
OF  
HONGJUN JI

On March 27, 1996, Hongjun JI, currently unemployed, was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Special Agent Gerard Kenna. The interview was conducted at JI's residence; the interview started at approximately 12:30 p.m., and no other persons were present. The interview was conducted to determine JI's knowledge of the contamination incident at NIH in which Wenli MA was contaminated with phosphorus-32 (P-32), and the P-32 contamination incident at the Massachusetts Institute of Technology in which Yuding LI was contaminated with P-32. The interview was conducted in an effort to link the two incidents.

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out  
to report  
by NRC

[REDACTED]

JI provided the following information in response to questions:

JI resides at [REDACTED] and he was previously employed by Human Gno Sciences, Inc., Rockville, MD, from August 1993 to August 1995. He is currently unemployed [REDACTED]. He is a permanent resident of the United States; his date of birth is [REDACTED] and his Social Security Number is [REDACTED]. He attended Fudan University, Shanghai, China, from [REDACTED] until he received his B.A. degree in [REDACTED]. He received his Ph.D degree in Animal Physiology from the University of Minnesota.

He does not personally know Wenling ZHENG or Wenli MA. He has no connections with the NIH; however, he recalled that a friend, Gang MA, is employed at NIH. All his knowledge of the MA contamination incident came from news reports.

He first met LI when they were both students studying the same major at Fudan University. They maintained a personal friendship throughout their undergraduate studies. After graduation, he moved to the United States and LI moved to Japan. After LI moved to the United States they renewed their friendship. JI could not recall when LI moved to the United States, but indicated it was in the mid to late eighties.

They have had personal contact maybe two or three times since LI moved to the United States. The last personal contact he had with LI was in approximately June 1995 when LI attended a scientific conference in Washington, DC. He said that LI came to his house one night for a visit.

On a periodic basis, approximately four times per year, they both have made telephone contact with each other. Although JI could not recall the approximate dates of contact, he said that he received and/or made several telephone calls from/to LI last year. In one conversation, he recalled LI telling him that he was contaminated with P-32, but he did not disclose details of the contamination. According to JI, LI questioned him about the MA contamination incident that was reported in the news media. In particular,

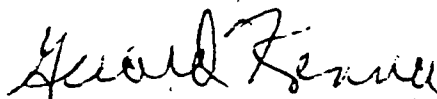
during one conversation LI wanted the home telephone number of MA because LI wanted to contact her. JI said that he did not have any interest in contacting MA because of the publicity. By the time he made another telephone call to LI, LI already had MA's telephone number and LI indicated that he had already made contact with MA. JI could provide no further pertinent information regarding LI's or MA's contaminations with P-32.

He could not provide any additional pertinent information.

The interview was terminated at approximately 1:15 p.m.

This interview was reported on March 27, 1995.

Reported by:



Gerard Kenna, Special Agent  
Office of Investigations  
Field Office, Region I

*1600*

Case No. 1-95-045  
cc. 1-95-033

# EXHIBIT 51

REPORT OF INTERVIEW  
WITH  
ROSLYN JOHNSON

On August 3 1995, Roslyn JOHNSON, Clerk Typist for the Laboratory Chief, was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted at a conference office located at the National Cancer Institute (NCI), National Institutes of Health (NIH), Building 37, Room 5C12, Bethesda, MD. The interview started at approximately 12:09 p.m.; no other persons were present. The purpose of the interview was to obtain general information regarding the 5th floor laboratories of Building 37 at NIH. In addition, the interview was conducted to determine JOHNSON's knowledge of the contamination incident at NIH in which Wenli MA (Maryann) was contaminated with radioactive phosphorus-32 (P-32). JOHNSON was also interviewed regarding the contamination, with P-32, of the water cooler on the 5th floor of Building 37. JOHNSON provided the following information in response to questions.

She resides at [REDACTED] and she has been employed at NIH since April 21, 1991, working Wednesday and Thursday during the day. Her telephone number at work is 301-496-5941. Her date of birth is [REDACTED] at [REDACTED] her Social Security Number is [REDACTED]. She will graduated from the University of Maryland in [REDACTED] with a degree in Education. She wants to be a math teacher. She is a clerk/typist for Dr. Kurt KOHN, the Lab Chief of the Laboratory of Molecular Pharmacology (LMP).

The floor contains three laboratories: LMP, the Laboratory of Medicinal Chemistry (LMC), and the Laboratory of Biological Chemistry. All three laboratories combined have over one hundred employees.

From the hallway, the conference room is contained within her office and KOHN's office. Madie TYLER, KOHN's secretary, maintains her work station just outside the LMP conference room door and KOHN's door. JOHNSON said her work station is next to TYLER's.

She normally works until about 5:00 p.m., and on June 29, 1995, she departed work either at 5:00 p.m. or just a little prior to 5:00 p.m. She said she departed before MA was discovered to be contaminated with P-32. On Thursday she was in and out of the LMP conference room all day for a total of about twenty times making copies of documents and conducting other office duties. The copy machine is in the LMP conference room on the opposite wall from the door. The LMP conference room that was found to be contaminated is just outside her office. She said the contamination of the LMP conference room had to have taken place after 5:00 p.m. because her work area and TYLER's should have been contaminated because of her contact with the LMP conference room floor. The contamination should have been tracked from the conference room to her work station. Her work area did not contain any contamination. Her work area and TYLER's work area should have been contaminated because she would have spread the contamination with her shoes from the LMP conference room to her work area.

JOHNSON could provide no further pertinent information regarding the

CASE NO. 1 - 95 - 033

EXHIBIT 51  
PAGE 1 OF 2 PAGE(S)

contamination incident at NIH in which MA was contaminated with P-32. In addition, she could provide no pertinent information regarding the P-32 contamination of the 5th floor water cooler. She does not drink water from the water cooler that was later determined to be contaminated. She submitted a urine sample, but she does not know if she is contaminated.

She does not believe the contamination was an accident, but she does not suspect anyone of the aforementioned contamination incidents. She is willing to voluntarily submit fingerprints and to take a polygraph examination.

The interview was completed approximately 12:35 p.m.

The interview was reported on August 3, 1995.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I



# EXHIBIT 52

INTERVIEW REPORT  
OF  
VIVIAN KAO

On August 24, 1995, Vivian KAO, Microbiologist, National Institutes of Health (NIH) was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted at a conference room office located at the NIH, National Cancer Institute (NCI), Building 37, Room 5C12, Bethesda, MD. The interview started at approximately 10:30 a.m. and no other persons were present. The purpose of the interview was to obtain general information regarding the 5th floor laboratories of Building 37 at NIH. In addition, the interview was conducted to determine KAO's knowledge of the contamination incidents at NIH in which Wenli MA was contaminated with phosphorus-32 (P-32). KAO was also questioned about the 5th floor water cooler being contaminated with P-32/P-33. KAO was specifically interviewed to determine her knowledge of information that Wenling ZHENG and MA were going to leave the country and that ZHENG and MA were "having problems." KAO provided the following information in response to questions:

She resides at [REDACTED] and she has been employed at NIH for approximately seventeen years. Her telephone number at work is 301-496-6589. Her date and place of birth is [REDACTED]. Her Social Security Number is [REDACTED]. She graduated from the University of Oklahoma in [REDACTED]. She is the biologist working on the 6th floor of Building 37 in the Laboratory of Tumor Cell Biology. She does not know John WEINSTEIN, Wenling ZHENG, or MA.

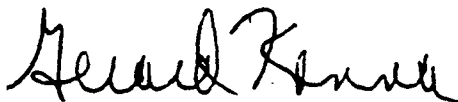
KAO could provide no pertinent information regarding the contamination incident at NIH in which MA was contaminated with P-32. In addition, she could provide no pertinent information regarding the P-32/P-33 contamination of the 5th floor water cooler. She does not drink water from the water cooler that was later determined to be contaminated.

She had no first hand knowledge of the MA contamination incident, but she heard through rumor that ZHENG and MA might be leaving the country. She did not hear any information that ZHENG and MA were having problems.

She could provide no further pertinent information.

This interview was reported on August 24, 1995.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I

  
Case No. 1-95-033

# EXHIBIT 53

INTERVIEW REPORT  
OF  
GURMEET KAUR

On August 23, 1995, and September 18, 1995, Gurmeet KAUR, Biologist, at the National Institutes of Health (NIH), was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted at a conference room located at the NIH, National Cancer Institute, 5th Floor, Room 5C12, Building 37, Bethesda, MD. No other persons were present during the interviews. The purpose of the interview was to obtain general information regarding the 5th floor laboratories of Building 37 at the NIH. The interview was also conducted to determine KAUR's knowledge of the contamination incident at NIH in which Wenli MA was contaminated with phosphorus-32 (P-32). KAUR was questioned regarding the P-32 and phosphorus-33 (P-33) contamination of the water cooler on the 5th floor of Building 37. She was also questioned regarding the receipt of item 95019360, dated June 28, 1995, and receipt of item 95017651, dated June 5, 1995. KAUR provided the following information in response to questions:

She resides at [REDACTED] and she has been employed at NIH since 1990. Her work telephone number is 301-496-4118. Her date of birth is [REDACTED] and her Social Security Number is [REDACTED]. She received a M.A. (Zoology) in [REDACTED] from Howard University, Washington, DC, and a M.A. in [REDACTED] from Kanpur University. She has been employed as a permanent employee by NIH since 1990.

The 5th floor of Building 37 contains three laboratories: the Laboratory of Medicinal Chemistry, the Laboratory of Molecular Pharmacology, and the Laboratory of Biological Chemistry (LBC). KAUR works in the LBC and her supervisor is Al FORNACE.

KAUR could provide no pertinent information regarding the contamination incident at NIH in which MA was contaminated with P-32. Although she was present in her laboratory the night it was discovered that MA was contaminated with radioactive P-32, her only participation was observing the activity from the laboratory hallway with seven other people from her laboratory. In addition, she could provide no pertinent information regarding the P-32 and P-33 contamination of the 5th floor water cooler. She learned she was slightly contaminated after submitting a urine sample for examination.

She identified her signature on the attached delivery route sheet documents. She said it is routine for anyone in the laboratory to sign for radioactive material when it is delivered from the NIH Radiation Safety Department. She had a "standing order" for P-32, receiving 10 millicuries one week and 20 millicuries the next week. When she ordered P-32 it was mostly for her own use. She usually depleted the entire bottle of P-32 in her experiments. She does not use P-33 in her experiments. Her centrifuge tubes are always blue and she never used orange cap centrifuge tubes. She stores her radioactive material in a refrigerator in room 5E24.

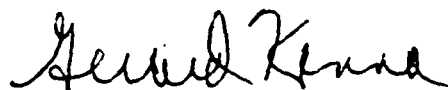
KAUR maintained her radioactive material in a refrigerator. She was aware that some radioactive material was borrowed from other laboratories, but she

never lent any radioactive material to John WEINSTEIN, Wenling ZHENG or MA.  
There is no missing radioactive material from her inventory.

She is willing to voluntarily submit fingerprints, and would submit to a  
polygraph examination.

This interview was reported on September 20, 1995.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I

Attachment:  
As stated

MODE:F ACTION:14

RADIO ACTIVE MATERIAL

01 ITEM NO 95017651

|                         |           |                   |          |         |          |
|-------------------------|-----------|-------------------|----------|---------|----------|
| 02 ORDER NO NEF14276    | BLANKET N | 05 ARRIVED        | 06/05/95 | CHECKED | 06/05/95 |
| 03 USER ID 010162 CLARK |           | 06 CONTAMINATED N |          | HUMAN   | N        |
| 04 STORED N LOCATION    |           | 07 DELIVERED      | 06/06/95 | TO:     | 37 5E 24 |

## ITEM INFORMATION

23 ADP ORDER INFO

|  |     |                |         |
|--|-----|----------------|---------|
| 08 CHEMICAL COMPOUND OR ITEM DESCRIPTION | ATP | 09 CATALOG NUM | BLU502A |
|--|-----|----------------|---------|

ACTUAL

|                   |             |       |                 |
|-------------------|-------------|-------|-----------------|
| 10 NUCLIDE P - 32 | 11 ACTIVITY | 1.000 | 12 SUPPLIER NEN |
|-------------------|-------------|-------|-----------------|

MODE:F ACTION:

## PACKAGE USERS

| USER-ID | LAST NAME, | FIRST   | STATUS  | AUTH | BWRLCN | USER MENU |
|---------|------------|---------|---------|------|--------|-----------|
| 01      | 015302     | WORLAND | PETER   | A    | N      | YNYNNN 07 |
| 02      | 023880     | CARLSON | BRADLEY | A    | N      | YNYNNN 08 |
| 03      |            |         |         |      |        | 09        |
| 04      |            |         |         |      |        | 10        |
| 05      |            |         |         |      |        | 11        |
| 06      |            |         |         |      |        | 12        |

Can't change the specified field(s).

MODE:F ACTION:17

RADIO ACTIVE MATERIAL

01 ITEM NO 95017651

|                         |           |                   |          |         |          |
|-------------------------|-----------|-------------------|----------|---------|----------|
| 02 ORDER NO NEF14276    | BLANKET N | 05 ARRIVED        | 06/05/95 | CHECKED | 06/05/95 |
| 03 USER ID 010162 CLARK |           | 06 CONTAMINATED N |          | HUMAN   | N        |
| 04 STORED N LOCATION    |           | 07 DELIVERED      | 06/06/95 | TO:     | 37 5E 24 |

## ITEM INFORMATION

23 ADP ORDER INFO

|  |     |                |         |
|--|-----|----------------|---------|
| 08 CHEMICAL COMPOUND OR ITEM DESCRIPTION | ATP | 09 CATALOG NUM | BLU502A |
|--|-----|----------------|---------|

ACTUAL

|                   |             |       |                 |
|-------------------|-------------|-------|-----------------|
| 10 NUCLIDE P - 32 | 11 ACTIVITY | 1.000 | 12 SUPPLIER NEN |
|-------------------|-------------|-------|-----------------|

MODE:F ACTION:

## LAB DELIVERIES

AMOUNT IN STORAGE

0.000

|    | AMOUNT | DATE     | LOCATION | CONFIRMATION |
|----|--------|----------|----------|--------------|
| 01 | 1.000  | 06/06/95 | 37 5E 24 | 07           |
| 02 |        |          |          | 08           |
| 03 |        |          |          | 09           |
| 04 |        |          |          | 10           |
| 05 |        |          |          | 11           |
| 06 |        |          |          | 12           |

06/06/95  
11:51

DELIVERY ROUTE SHEET

PAGE 2

Name Item Num Authorized User PO Num Address Printed Name & Signature

95017613 | GUTKIND, J | NGP75607 | 30 B 05

95017661 | YANAGISHITA, M | NJQ20464 | 30 109

95017674 | STONER, G | NGU28900 | 36 4A 29

95017600 | EVANS, C | NTC11572 | 37 2A 03

95017627 | ADHYA, S | NDC14606 | 37 2E 10

95017655 | GARGES, S | NDC14578 | 37 2E 20

95017441 | CHENG, S | NDC14700 | 37 2D 27

95017440 | CHENG, S | NDC14736 | 37 2D 27

95017420 | WU, C | NPL20800 | 37 4C 09

95017651 | CLARK, J | NEF14276 | 37 5E 24

95100956 | REITZ, M | NJF65423 | 37 6B1 3

95015273 | ROSENBERG, S | MQ508172 | 10 2B 46

95017653 | ESKAY, R | NQU29237 | 10 3C216

95017654 | ESKAY, R | NQU29237 | 10 3C216

95017694 | ANGUS, W | NDV98574 | 10 4D 04

95017672 | KASHMIRI, S | NDB28460 | 10 5B 39

95017298 | CUSHMAN, S | NUW57962 | 10 5N102

95016916 | CUSHMAN, S | NUW59701 | 10 5N102

95100939 | LEONARD, W | NUX24877 | 10 7N2

EXHIBIT

53

PAGE 1 OF 6 PAGE(S)

MODE:F ACTION:14

RADIO ACTIVE MATERIAL

01 ITEM NO 95019360

|                         |           |                       |                  |
|-------------------------|-----------|-----------------------|------------------|
| 02 ORDER NO NEF13596    | BLANKET N | 05 ARRIVED 06/28/95   | CHECKED 06/28/95 |
| 03 USER ID 010162 CLARK |           | 06 CONTAMINATED N     | HUMAN N          |
| 04 STORED N LOCATION    |           | 07 DELIVERED 06/30/95 | TO: 37 5E 24     |

## ITEM INFORMATION

23 ADP ORDER INFO

|  |                |
|--|----------------|
| 08 CHEMICAL COMPOUND OR ITEM DESCRIPTION | 09 CATALOG NUM |
| ATP                                      | BLU502A        |

ACTUAL

|                   |             |       |                 |
|-------------------|-------------|-------|-----------------|
| 10 NUCLIDE P - 32 | 11 ACTIVITY | 1.000 | 12 SUPPLIER NEN |
|-------------------|-------------|-------|-----------------|

MODE:F ACTION:

## PACKAGE USERS

| USER-ID   | LAST NAME, | FIRST   | STATUS | AUTH | BWRLCN | USER MENU |
|-----------|------------|---------|--------|------|--------|-----------|
| 01 015302 | WORLAND    | PETER   | A      | N    | YNYNNN | 07        |
| 02 023880 | CARLSON    | BRADLEY | A      | N    | YNYNNN | 08        |
| 03        |            |         |        |      |        | 09        |
| 04        |            |         |        |      |        | 10        |
| 05        |            |         |        |      |        | 11        |
| 06        |            |         |        |      |        | 12        |

Can't change the specified field(s).

MODE:F ACTION:17

RADIO ACTIVE MATERIAL

01 ITEM NO 95019360

|                         |           |                       |                  |
|-------------------------|-----------|-----------------------|------------------|
| 02 ORDER NO NEF13596    | BLANKET N | 05 ARRIVED 06/28/95   | CHECKED 06/28/95 |
| 03 USER ID 010162 CLARK |           | 06 CONTAMINATED N     | HUMAN N          |
| 04 STORED N LOCATION    |           | 07 DELIVERED 06/30/95 | TO: 37 5E 24     |

## ITEM INFORMATION

23 ADP ORDER INFO

|  |                |
|--|----------------|
| 08 CHEMICAL COMPOUND OR ITEM DESCRIPTION | 09 CATALOG NUM |
| ATP                                      | BLU502A        |

ACTUAL

|                   |             |       |                 |
|-------------------|-------------|-------|-----------------|
| 10 NUCLIDE P - 32 | 11 ACTIVITY | 1.000 | 12 SUPPLIER NEN |
|-------------------|-------------|-------|-----------------|

MODE:F ACTION:

## LAB DELIVERIES

AMOUNT IN STORAGE

0.000

|    | AMOUNT | DATE     | LOCATION | CONFIRMATION |
|----|--------|----------|----------|--------------|
| 01 | 1.000  | 06/30/95 | 37 5E 24 | 07           |
| 02 |        |          |          | 08           |
| 03 |        |          |          | 09           |
| 04 |        |          |          | 10           |
| 05 |        |          |          | 11           |
| 06 |        |          |          | 12           |

EXHIBIT

53

PAGE 5 OF 6 PAGE(S)



06/30/95  
14:38

DELIVERY ROUTE SHEET

PAGE 1

| Time    | Item Num             | Authorized User              | PO Num               | Address              | Printed Name & Signature |
|---------|----------------------|------------------------------|----------------------|----------------------|--------------------------|
|         | 95019252             | SEGARS, J                    | NGL00663             | 10 10D17             |                          |
|         | 95101297             | KLAUSNER, R                  | NUU17133             | 18T 101              |                          |
| 4/8/96  | 95101312             | CASHEL, M                    | NIX67433             | 6B 316               | <i>[Signature]</i>       |
| 4/11/96 | 95101294             | DAWID, I                     | NIX67500             | 6B 326               | <i>[Signature]</i>       |
|         | 95019449             | ERDOS, M                     | NPM84782             | 49 3B 16             |                          |
| 5/1/96  | 95101311             | GUROFF, G                    | NUU12064             | 49 5B 56             | <i>[Signature]</i>       |
| 7/1/96  | 95101286             | DUFAU, M                     | NUU14857             | 49 6B 15             | <i>[Signature]</i>       |
| 8/1/96  | 95101296             | CATT, K                      | NUU14781             | 49 6B 23             | <i>[Signature]</i>       |
| 4/8/96  | 95101291<br>95101292 | LEE, L<br>LEE, L             | NGV26022<br>NGV26022 | 6 2A 14<br>6 2A 14   | <i>[Signature]</i>       |
|         | 95019443             | EIDEN, L                     | NFS57882             | 36 3A 17             | <i>[Signature]</i>       |
| 8/2/96  | 95101270             | BOTTARO, D                   | NEN64308             | 37 1D 12             | <i>[Signature]</i>       |
|         | 95019346             | THORGEIRSSON, U              | NTC10368             | 37 2D 14             |                          |
|         | 95019451             | YUSPA, S                     | NIL53830             | 37 3B 19             |                          |
| 8/22/96 | 95019423             | SAUSVILLE, E                 | NEF13572             | 37 5B 16             | <i>[Signature]</i>       |
| 8/22/96 | 95019360             | CLARK, J                     | NEF13596             | 37 5E 24             | <i>[Signature]</i>       |
|         | 95019477             | LOMONICO, A                  | NJF61594             | 37 6C 18             |                          |
|         | 95019457             | LUYTEN, F                    | NJQ19002             | 10 1A 13             |                          |
|         | 95019493<br>95019496 | JUSTEMENT, J<br>JUSTEMENT, J | NCD82202<br>NCD82202 | 10 6A 11<br>10 6A 11 | EXHIBIT <i>53</i>        |

# EXHIBIT 54

INTERVIEW REPORT  
OF  
GLENDA KOHLHAGEN

On September 13, 1995, Glenda KOHLHAGEN, Biologist, National Institutes of Health (NIH), was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted at a conference room located at the NIH, National Cancer Institute (NCI), Building 37, Room 5C12, Bethesda, MD. The interview started at approximately 10:14 a.m. and no other persons were present. The purpose of the interview was to obtain general information regarding the 5th floor laboratories of building 37 at the NIH. The interview was also conducted to determine KOHLHAGEN's knowledge of the contamination incident at NIH in which Wenli MA was contaminated with phosphorus-32 (P-32). KOHLHAGEN was also questioned regarding the P-32 and phosphorus-33 (P-33) contamination of the water cooler on the 5th floor of Building 37. In particular, KOHLHAGEN was interviewed because she signed P-32 delivery slips for item 95013200, dated April 4, 1995, item 95017077, dated May 26, 1995, item 95016071, dated May 12, 1995, item 9515058, dated April 28, 1995, item 95018530, dated June 16, 1995, and items 95015513/95015403, dated May 5, 1995. KOHLHAGEN provided the following information in response to questions:

KOHLHAGEN resides at [REDACTED] and she has been employed at NIH since July 1992. Her telephone number at work is 301-402-3024. Her date of birth is [REDACTED] and her Social Security Number is [REDACTED]. She received a B.S. degree in [REDACTED] from the Abraham Baldwin College, Tifton, GA. From June 1977 to June 1990 she was employed at the USDA Russell Research Laboratory, Athens, GA., and from June 1990 to July 1992 she was employed at the St. Jude's Childrens Hospital. At both of her previous employments she was employed as a researcher.

The 5th floor of Building 37 contains three laboratories: the Laboratory of Molecular Pharmacology (LMP), the Laboratory of Medicinal Chemistry (LMC), and the Laboratory of Biological Chemistry (LBC). All three laboratories combined have about one hundred and twenty employees. She works in the LMP and her supervisor is Yves POMMIER.

KOHLHAGEN examined the attached documents and identified her signature on the delivery slips. She signed for the delivery of P-32 that was ordered by the authorized user, Yves POMMIER. She said that when the delivery of radioactive material is received from the NIH Radiation Safety Department, anyone in the laboratory can sign the delivery slip acknowledging the receipt of the material. She usually signs for the radioactive material in her laboratory. She claimed the laboratory log for the usage of P-32 within her laboratory is not accurate because the manufactures of the P-32 will, more often then not, ship extra radioactive material to allow for waste or evaporation.

KOHLHAGEN was aware that radioactive material was lent to other laboratories, but she has never lent any P-32 to Dr. John WEINSTEIN, Wenling ZHENG, or MA. To her knowledge, there is no P-32 missing from her laboratory inventory.

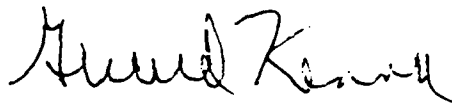
She did not drink water from the water cooler that was later determined to be contaminated with P-32 and P-33. She could provide no pertinent information

regarding the contamination of MA or the water cooler. She is willing to voluntarily submit fingerprints and take a polygraph.

The interview was terminated approximately 1:05 p.m.

This interview was reported on September 13, 1995.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I

Attachments:  
As stated



MODE:F ACTION:14

ARCHIVED MATERIAL

01 ITEM NO 95013200

|                      |           |                 |          |         |          |
|----------------------|-----------|-----------------|----------|---------|----------|
| 02 ORDER NO NEF17737 | BLANKET N | 05 ARRIVED      | 04/04/95 | CHECKED | 04/04/95 |
| 03 USER ID 007534    | POMMIER   | 06 CONTAMINATED | N        |         |          |
| 04 STORED N          | LOCATION  | 07 DELIVERED    | 04/05/95 | TO:     | 37 5D 27 |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
ATP09 CATALOG NUM  
BLU002Z

ACTUAL

10 NUCLIDE P - 32 11 ACTIVITY 1.000 12 SUPPLIER NEN

MODE:F ACTION:

## PACKAGE USERS

| USER-ID   | LAST NAME, | FIRST   | STATUS | AUTH | BWRLCN | USER MENU |
|-----------|------------|---------|--------|------|--------|-----------|
| 01 026030 | MAZUMDER   | ABHIJIT | A      | N    | YNNNN  | 07        |
| 02        |            |         |        |      |        | 08        |
| 03        |            |         |        |      |        | 09        |
| 04        |            |         |        |      |        | 10        |
| 05        |            |         |        |      |        | 11        |
| 06        |            |         |        |      |        | 12        |

Can't change the specified field(s).

MODE:F ACTION:17

ARCHIVED MATERIAL

01 ITEM NO 95013200

|                      |           |                 |          |         |          |
|----------------------|-----------|-----------------|----------|---------|----------|
| 02 ORDER NO NEF17737 | BLANKET N | 05 ARRIVED      | 04/04/95 | CHECKED | 04/04/95 |
| 03 USER ID 007534    |           | 06 CONTAMINATED | N        |         |          |
| 04 STORED N          | LOCATION  | 07 DELIVERED    | 04/05/95 | TO:     | 37 5D 27 |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
ATP09 CATALOG NUM  
BLU002Z

ACTUAL

10 NUCLIDE P - 32 11 ACTIVITY 1.000 12 SUPPLIER NEN

MODE:F ACTION:

## LAB DELIVERIES

AMOUNT IN STORAGE

0.000

| AMOUNT   | DATE     | LOCATION | AMOUNT | DATE | LOCATION |
|----------|----------|----------|--------|------|----------|
| 01 1.000 | 04/05/95 | 37 5D 27 | 07     |      |          |
| 02       |          |          | 08     |      |          |
| 03       |          |          | 09     |      |          |
| 04       |          |          | 10     |      |          |
| 05       |          |          | 11     |      |          |
| 06       |          |          | 12     |      |          |

MODE:F ACTION:14

ARCHIVED MATERIAL

01 ITEM NO 95013201

|                      |            |                 |          |         |          |
|----------------------|------------|-----------------|----------|---------|----------|
| 02 ORDER NO NEF17737 | BLANKET N  | 05 ARRIVED      | 04/04/95 | CHECKED | 04/04/95 |
| 03 USER ID 007534    | POMMIER    | 06 CONTAMINATED | N        |         |          |
| 04 STORED            | N LOCATION | 07 DELIVERED    | 04/05/95 | TO:     | 37 5D 27 |

| ITEM INFORMATION                         |             | 23 ADP ORDER INFO     |
|--|-------------|-----------------------|
| 08 CHEMICAL COMPOUND OR ITEM DESCRIPTION |             | 09 CATALOG NUM        |
| DATP                                     |             | BLU026                |
| ACTUAL                                   |             |                       |
| 10 NUCLIDE P - 32                        | 11 ACTIVITY | 1.000 12 SUPPLIER NEN |

MODE:F ACTION:

PACKAGE USERS

| USER-ID   | LAST NAME, | FIRST  | STATUS | AUTH | BWRLCN | USER MENU |
|-----------|------------|--------|--------|------|--------|-----------|
| 01 024774 | KOHLHAGEN  | GLENDA | A      | N    | YNNNN  | 07        |
| 02        |            |        |        |      |        | 08        |
| 03        |            |        |        |      |        | 09        |
| 04        |            |        |        |      |        | 10        |
| 05        |            |        |        |      |        | 11        |
| 06        |            |        |        |      |        | 12        |

Can't change the specified field(s).

MODE:F ACTION:17

ARCHIVED MATERIAL

01 ITEM NO 95013201

|                      |            |                 |          |         |          |
|----------------------|------------|-----------------|----------|---------|----------|
| 02 ORDER NO NEF17737 | BLANKET N  | 05 ARRIVED      | 04/04/95 | CHECKED | 04/04/95 |
| 03 USER ID 007534    |            | 06 CONTAMINATED | N        |         |          |
| 04 STORED            | N LOCATION | 07 DELIVERED    | 04/05/95 | TO:     | 37 5D 27 |

| ITEM INFORMATION                         |             | 23 ADP ORDER INFO     |
|--|-------------|-----------------------|
| 08 CHEMICAL COMPOUND OR ITEM DESCRIPTION |             | 09 CATALOG NUM        |
| DATP                                     |             | BLU026                |
| ACTUAL                                   |             |                       |
| 10 NUCLIDE P - 32                        | 11 ACTIVITY | 1.000 12 SUPPLIER NEN |

MODE:F ACTION:

LAB DELIVERIES

AMOUNT IN STORAGE

0.000

| AMOUNT   | DATE     | LOCATION | AMOUNT | DATE | LOCATION |
|----------|----------|----------|--------|------|----------|
| 01 1.000 | 04/05/95 | 37 5D 27 | 07     |      |          |
| 02       |          |          | 08     |      |          |
| 03       |          |          | 09     |      |          |
| 04       |          |          | 10     |      |          |
| 05       |          |          | 11     |      |          |
| 06       |          |          | 12     |      |          |

02 ORDER NO NEF17737 BLANKET N 05 ARRIVED 04/04/95 CHECKED 04/04/95  
03 USER ID 007534 POMMIER 06 CONTAMINATED N  
04 STORED N LOCATION 07 DELIVERED 04/05/95 TO: 37 5D 27

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
DCTP

09 CATALOG NUM  
BLU013Z

ACTUAL

10 NUCLIDE P - 32 11 ACTIVITY 1.000 12 SUPPLIER NEN

MODE:F ACTION:

## PACKAGE USERS

|    | USER-ID LAST NAME, | FIRST    | STATUS | AUTH | BWRLCN | USER MENU |
|----|--------------------|----------|--------|------|--------|-----------|
| 01 | 026186 GOLDWASSER  | FRANCOIS | I      | N    | NNNNNN | 07        |
| 02 |                    |          |        |      |        | 08        |
| 03 |                    |          |        |      |        | 09        |
| 04 |                    |          |        |      |        | 10        |
| 05 |                    |          |        |      |        | 11        |
| 06 |                    |          |        |      |        | 12        |

Can't change the specified field(s).

MODE:F ACTION:17

## ARCHIVED MATERIAL

01 ITEM NO 95013202

02 ORDER NO NEF17737 BLANKET N 05 ARRIVED 04/04/95 CHECKED 04/04/95  
03 USER ID 007534 06 CONTAMINATED N  
04 STORED N LOCATION 07 DELIVERED 04/05/95 TO: 37 5D 27

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
DCTP

09 CATALOG NUM  
BLU013Z

ACTUAL

10 NUCLIDE P - 32 11 ACTIVITY 1.000 12 SUPPLIER NEN

MODE:F ACTION:

## LAB DELIVERIES

AMOUNT IN STORAGE

0.000

|    | AMOUNT | DATE     | LOCATION |    | AMOUNT | DATE | LOCATION |
|----|--------|----------|----------|----|--------|------|----------|
| 01 | 1.000  | 04/05/95 | 37 5D 27 | 07 |        |      |          |
| 02 |        |          |          | 08 |        |      |          |
| 03 |        |          |          | 09 |        |      |          |
| 04 |        |          |          | 10 |        |      |          |
| 05 |        |          |          | 11 |        |      |          |
| 06 |        |          |          | 12 |        |      |          |

04/05/95  
10:48

DELIVERY ROUTE SHEET

PAGE 2

me Item Num Authorized User PO Num Address Printed Name & Signature

95012786 | KAHN, R | NEF22116 | 37 5E 26

95013202 | POMMIER, Y | NEF17737 | 37 5D 27

95013200 | POMMIER, Y | NEF17737 | 37 5D 27

95013201 | POMMIER, Y | NEF17737 | 37 5D 27

95013004 | AMBUDKAR, I | NUY09978 | 10 1A 09

95013078 | SINDELAR, W | MQ505492 | 10 2B 46

95008584 | JACOBOWITZ, D | MD510907 | 10 3D 48

95013250 | CHUANG, D | NFF91772 | 10 3C208

95013104 | TING, C | NDP43674 | 10 4B 49

95011011 | KANTOR, J | MQ515976 | 10 5B 36

95013172 | RECHLER, M | NVV94974 | 10 8D 03

95011821 | HORAN HAND, P | MQ515256 | 10 8B 07

95013224 | RALL, J | NUW73286 | 10 8N256

95013223 | RALL, J | NUW73286 | 10 8N256

95013246 | WEINTRAUB, B | NVV94962 | 10 8N260

95013041 | JENSEN, R | NVV98151 | 10 9C103

95013177 | HENNIGHAUSEN, L | NVV94362 | 10 9N113

95013171 | METZGER, H | NEG91077 | 10 9N256

95011003 | MAGRATH, I | MQ509742 | 10 13C205

EXHIBIT 54  
PAGE 6 OF 17 PAGE(S)



MODE:F ACTION:14

RADIO ACTIVE MATERIAL

01 ITEM NO 95017077

|                           |           |                       |          |         |          |
|---------------------------|-----------|-----------------------|----------|---------|----------|
| 02 ORDER NO NEF11846      | BLANKET N | 05 ARRIVED            | 05/26/95 | CHECKED | 05/26/95 |
| 03 USER ID 007534 POMMIER |           | 06 CONTAMINATED N     | HUMAN    | N       |          |
| 04 STORED N LOCATION      |           | 07 DELIVERED 05/30/95 | TO:      | 37      | 5D 27    |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION

09 CATALOG NUM

ATP

BLU502Z

ACTUAL

10 NUCLIDE P - 32 11 ACTIVITY 2.000 12 SUPPLIER NEN

MODE:F ACTION:

PACKAGE USERS

|    | USER-ID | LAST NAME, | FIRST     | STATUS | AUTH | BWRLCN | USER MENU |
|----|---------|------------|-----------|--------|------|--------|-----------|
| 01 | 026030  | MAZUMDER   | ABHIJIT   | A      | N    | YNNNNN | 07        |
| 02 | 025197  | FUJIMORI   | AKIRA     | A      | N    | YNNNNN | 08        |
| 03 | 027404  | SHIMIZU    | TSUNEHIRO | A      | N    | YNNNNN | 09        |
|    |         |            |           |        |      |        | 10        |
| 05 |         |            |           |        |      |        | 11        |
| 06 |         |            |           |        |      |        | 12        |

Can't change the specified field(s).

MODE:F ACTION:17

RADIO ACTIVE MATERIAL

01 ITEM NO 95017077

|                           |           |                       |          |         |          |
|---------------------------|-----------|-----------------------|----------|---------|----------|
| 02 ORDER NO NEF11846      | BLANKET N | 05 ARRIVED            | 05/26/95 | CHECKED | 05/26/95 |
| 03 USER ID 007534 POMMIER |           | 06 CONTAMINATED N     | HUMAN    | N       |          |
| 04 STORED N LOCATION      |           | 07 DELIVERED 05/30/95 | TO:      | 37      | 5D 27    |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION

09 CATALOG NUM

ATP

BLU502Z

ACTUAL

10 NUCLIDE P - 32 11 ACTIVITY 2.000 12 SUPPLIER NEN

MODE:F ACTION:

LAB DELIVERIES

AMOUNT IN STORAGE

0.000

|    | AMOUNT | DATE     | LOCATION | CONFIRMATION |
|----|--------|----------|----------|--------------|
| 01 | 2.000  | 05/30/95 | 37 5D 27 | 07           |
| 02 |        |          |          | 08           |
| 03 |        |          |          | 09           |
| 04 |        |          |          | 10           |
| 05 |        |          |          | 11           |
| 06 |        |          |          | 12           |

EXHIBIT

PAGE 7 OF 17 PAGE(S)

05/30/95  
15:16

DELIVERY ROUTE SHEET

PAGE 1

| Time | Item Num | Authorized User | PC Num     | Address   | Printed Name & Signature |
|------|----------|-----------------|------------|-----------|--------------------------|
|      | 95017220 | REITZ, M        | NJF67082   | P/U       |                          |
|      | 95017224 | METCALF, R      | 00I128C102 | 19B 1E 16 |                          |
|      | 95016236 | LEWIS, A        | MD506649   | 7 337     |                          |
|      | 95017221 | NELSON, T       | NJU51505   | 36 4A 23  |                          |
|      | 95017222 | PASTAN, I       | NDC15625   | 37 4B 22  |                          |
| 3:44 | 95017069 | CHISENA, C      | NEF13245   | 37 5E 06  | NGUYEN                   |
| 3:45 | 95017061 | BATTEY, J       | NEF14564   | 37 5E 26  | SAINTZ                   |
|      | 95017062 | BATTEY, J       | NEF14564   | 37 5E 26  | ESTINE                   |
| 3:46 | 95017077 | POMMIER, Y      | NEF11846   | 37 5D 27  |                          |
| 3:46 | 95017060 | POMMIER, Y      | NEF11846   | 37 5D 27  |                          |
|      | 95017200 | REITZ, M        | NJF65711   | 37 6C 09  |                          |
|      | 95017201 | REITZ, M        | NJF65786   | 37 6C 19  |                          |
|      | 95017042 | KARLSSON, S     | MD518763   | 10 4N311  |                          |

(E)

MODE:F ACTION:14

ARCHIVED MATERIAL

01 ITEM NO 95016071

|                      |           |                 |          |         |          |
|----------------------|-----------|-----------------|----------|---------|----------|
| 02 ORDER NO NEF12814 | BLANKET N | 05 ARRIVED      | 05/12/95 | CHECKED | 05/12/95 |
| 03 USER ID 007534    | POMMIER   | 06 CONTAMINATED | N        |         |          |
| 04 STORED N          | LOCATION  | 07 DELIVERED    | 05/16/95 | TO:     | 37 5D 27 |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
ATP

09 CATALOG NUM  
BLU002Z

ACTUAL

10 NUCLIDE P - 32      11 ACTIVITY      2.000      12 SUPPLIER NEN

MODE:F ACTION:

## PACKAGE USERS

| USER-ID   | LAST NAME, | FIRST   | STATUS | AUTH | BWRLCN | USER MENU |
|-----------|------------|---------|--------|------|--------|-----------|
| 01 027272 | GUPTA      | MALINI  | A      | N    | YNYNNN | 07        |
| 02 026030 | MAZUMDER   | ABHIJIT | A      | N    | YNYNNN | 08        |
| 03 029488 | PONDARRE   | CORINNE | A      | N    | YNYNNN | 09        |
| 04        |            |         |        |      |        | 10        |
| 05        |            |         |        |      |        | 11        |
| 06        |            |         |        |      |        | 12        |

Can't change the specified field(s).

MODE:F ACTION:17

ARCHIVED MATERIAL

01 ITEM NO 95016071

|                      |           |                 |          |         |          |
|----------------------|-----------|-----------------|----------|---------|----------|
| 02 ORDER NO NEF12814 | BLANKET N | 05 ARRIVED      | 05/12/95 | CHECKED | 05/12/95 |
| 03 USER ID 007534    |           | 06 CONTAMINATED | N        |         |          |
| 04 STORED N          | LOCATION  | 07 DELIVERED    | 05/16/95 | TO:     | 37 5D 27 |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
ATP

09 CATALOG NUM  
BLU002Z

ACTUAL

10 NUCLIDE P - 32      11 ACTIVITY      2.000      12 SUPPLIER NEN

MODE:F ACTION:

## LAB DELIVERIES

AMOUNT IN STORAGE

0.000

| AMOUNT   | DATE     | LOCATION | AMOUNT | DATE | LOCATION |
|----------|----------|----------|--------|------|----------|
| 01 2.000 | 05/16/95 | 37 5D 27 | 07     |      |          |
| 02       |          |          | 08     |      |          |
| 03       |          |          | 09     |      |          |
| 04       |          |          | 10     |      |          |
| 05       |          |          | 11     |      |          |
| 06       |          |          | 12     |      |          |

05/16/95  
13:08

DELIVERY ROUTE SHEET

PAGE 2

| Time | Item Num | Authorized User | PO Num   | Address  | Printed Name & Signature |
|------|----------|-----------------|----------|----------|--------------------------|
| 2:12 | 95016230 | PATERSON, B     | NPL21658 | 37 4A 21 | J. Eldred                |
| 2:07 | 95016082 | PASTAN, I       | NDC16592 | 37 4B 22 | P. P. P. P.              |
| 2:04 | 95016056 | BATTEY, J       | NEF19918 | 37 5E 26 | L. Thompson              |
|      | 95016058 | BATTEY, J       | NEF19918 | 37 5E 26 | X. P. P.                 |
| 2:05 | 95016072 | POMMIER, Y      | NEF12814 | 37 5D 27 | H. P. P.                 |
|      | 95016071 | POMMIER, Y      | NEF12814 | 37 5D 27 | K. P. P.                 |
| 2:01 | 95016200 | REITZ, M        | NJF68268 | 37 6D 23 | F. S. P.                 |
|      | 95016221 | ROSENBERG, S    | NIY37966 | 10 2B 11 | F. P. P.                 |
|      | 95016208 | SAAVEDRA, J     | NFF87943 | 10 2D 45 |                          |
|      | 95016288 | SAAVEDRA, J     | NFF89015 | 10 2D 45 |                          |
| 4:02 | 95015282 | HODES, R        | MQ522920 | 10 4B 10 | Y. Yamashita             |
|      | 95016214 | TING, C         | NDP92850 | 10 4B 49 | L. P. P.                 |
|      | 95016209 | ROSENBERG, S    | NIY37930 | 10 4B 50 |                          |
|      | 95016187 | STONE, R        | NJS76708 | 10 5B 12 |                          |
|      | 95016207 | ZEICHNER, S     | NIY37927 | 10 5A 21 |                          |
|      | 95015909 | SHEARER, G      | NDK57777 | 10 5A 33 |                          |
|      | 95016077 | VENKATESAN, S   | NCG18800 | 10 6A 05 |                          |
|      | 95016222 | GREINER, J      | NDB31907 | 10 8B 04 |                          |
|      | 95016203 | LEROITH, D      | NUW62980 | 10 8D 48 |                          |
|      | 95016201 | LEROITH, D      | NUW62980 | 10 8D 48 |                          |

02 ORDER NO NEF15817 BLANKET N 05 ARRIVED 04/28/95 CHECKED 04/28/95  
03 USER ID 007534 POMMIER 06 CONTAMINATED N  
04 STORED N LOCATION 07 DELIVERED 05/01/95 TO: 37 5D 27

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
ATP

09 CATALOG NUM  
BLU002Z

ACTUAL

10 NUCLIDE P - 32 11 ACTIVITY 2.000 12 SUPPLIER NEN

MODE:F ACTION:

## PACKAGE USERS

|    | USER-ID | LAST NAME, | FIRST   | STATUS | AUTH | BWRLCN | USER MENU |
|----|---------|------------|---------|--------|------|--------|-----------|
| 01 | 026030  | MAZUMDER   | ABHIJIT | A      | N    | YNYNNN | 07        |
| 02 | 024774  | KOHLHAGEN  | GLENDA  | A      | N    | YNYNNN | 08        |
| 03 | 029488  | PONDARRE   | CORINNE | A      | N    | YNYNNN | 09        |
| 04 |         |            |         |        |      |        | 10        |
| 05 |         |            |         |        |      |        | 11        |
| 06 |         |            |         |        |      |        | 12        |

Can't change the specified field(s).

MODE:F ACTION:17

## ARCHIVED MATERIAL

01 ITEM NO 95015058

02 ORDER NO NEF15817 BLANKET N 05 ARRIVED 04/28/95 CHECKED 04/28/95  
03 USER ID 007534 06 CONTAMINATED N  
04 STORED N LOCATION 07 DELIVERED 05/01/95 TO: 37 5D 27

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
ATP

09 CATALOG NUM  
BLU002Z

ACTUAL

10 NUCLIDE P - 32 11 ACTIVITY 2.000 12 SUPPLIER NEN

MODE:F ACTION:

## LAB DELIVERIES

AMOUNT IN STORAGE

0.000

|    | AMOUNT | DATE     | LOCATION |    | AMOUNT | DATE | LOCATION |
|----|--------|----------|----------|----|--------|------|----------|
| 01 | 2.000  | 05/01/95 | 37 5D 27 | 07 |        |      |          |
| 02 |        |          |          | 08 |        |      |          |
| 03 |        |          |          | 09 |        |      |          |
| 04 |        |          |          | 10 |        |      |          |
| 05 |        |          |          | 11 |        |      |          |
| 06 |        |          |          | 12 |        |      |          |

05/01/95  
15:05

DELIVERY ROUTE SHEET

JN (7)

PAGE 1

| Time | Item Num | Authorized User | PO Num   | Address   | Printed Name<br>& Signature |
|------|----------|-----------------|----------|-----------|-----------------------------|
|      | 95015065 | YOULE, R        | NJS80082 | 21 111    |                             |
|      | 95014736 | HORTON, W       | MA507862 | GRC 1C 07 |                             |
|      | 95014737 | BOHR, V         | MA519496 | GRC 2D 07 |                             |
|      | 95014738 | BOHR, V         | MA519496 | GRC 2D 07 |                             |
|      | 95011084 | BOHR, V         | MA519714 | GRC 2D 07 |                             |
|      | 95014739 | HOLBROOK, N     | MA522775 | GRC 2E 09 |                             |
|      | 95015195 | HOLBROOK, N     | MA526326 | GRC 2E 09 |                             |
|      | 95015196 | HOLBROOK, N     | MA526326 | GRC 2E 09 |                             |
|      | 95014965 | ROTH, G         | NDQ24402 | GRC 4E 20 |                             |
| 7/4/ | 95014944 | EARL, P         | NCG22353 | 4 232     | HARRIS                      |
|      | 95014881 | LEWIS, A        | MD506649 | 7 337     |                             |
| 345  | 95014939 | CANTONI, G      | NFS63044 | 36 3D 06  | Annette Kuo                 |
| 18   | 95015182 | ODENWALD, W     | NGU33966 | 36 3C 22  | ODENWALD                    |
| 347  | 95014471 | HALLENBECK, J   | NGI39145 | 36 4B 26  | HALLENBECK                  |
|      | 95014884 | MAURIZI, M      | NDP42955 | 37 1B 28  |                             |
|      | 95015003 | DE LUCA, L      | NIL59903 | 37 3A 19  |                             |
| 359  | 95015179 | KOHN, K         | NEF15738 | 37 5C 19  | Hollander                   |
| 336  | 95015058 | POMMIER, Y      | NEF15817 | 37 5D 27  | Kohlhagen                   |
|      | 95015061 | POMMIER, Y      | NEF15817 | 37 5D 27  | Kohlhagen                   |
|      | 95015209 | NELSON, D       | NUF01237 | 10 4N112  |                             |

EXHIBIT

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PAGE 12 OF 17 PAGE(S)

MODE:F ACTION:14

RADIO ACTIVE MATERIAL

01 ITEM NO 95018530

|                      |           |                   |          |         |          |
|----------------------|-----------|-------------------|----------|---------|----------|
| 02 ORDER NO NEF09976 | BLANKET N | 05 ARRIVED        | 06/16/95 | CHECKED | 06/16/95 |
| 03 USER ID 007534    | POMMIER   | 06 CONTAMINATED N | HUMAN    | N       |          |
| 04 STORED N          | LOCATION  | 07 DELIVERED      | 06/19/95 | TO:     | 37 5D 27 |

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|  |  |  |  |                   |  |
|--|--|--|--|-------------------|--|
| ITEM INFORMATION                         |  |  |  | 23 ADP ORDER INFO |  |
| 08 CHEMICAL COMPOUND OR ITEM DESCRIPTION |  |  |  | 09 CATALOG NUM    |  |
| ATP                                      |  |  |  | BLU502Z           |  |

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|                   |             |       |    |          |     |
|-------------------|-------------|-------|----|----------|-----|
| ACTUAL            |             |       |    |          |     |
| 10 NUCLIDE P - 32 | 11 ACTIVITY | 1.000 | 12 | SUPPLIER | NEN |

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MODE:F ACTION:

PACKAGE USERS

| USER-ID   | LAST NAME, | FIRST    | STATUS | AUTH | BWRLCN | USER MENU |
|-----------|------------|----------|--------|------|--------|-----------|
| 01 026030 | MAZUMDER   | ABHIJIT  | A      | N    | YNYNNN | 07        |
| 02 027404 | SHIMIZU    | TSUNEHIO | A      | N    | YNYNNN | 08        |
| 03        |            |          |        |      |        | 09        |
| 04        |            |          |        |      |        | 10        |
| 05        |            |          |        |      |        | 11        |
| 06        |            |          |        |      |        | 12        |

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Can't change the specified field(s).

MODE:F ACTION:17

RADIO ACTIVE MATERIAL

01 ITEM NO 95018530

|                      |           |                   |          |         |          |
|----------------------|-----------|-------------------|----------|---------|----------|
| 02 ORDER NO NEF09976 | BLANKET N | 05 ARRIVED        | 06/16/95 | CHECKED | 06/16/95 |
| 03 USER ID 007534    | POMMIER   | 06 CONTAMINATED N | HUMAN    | N       |          |
| 04 STORED N          | LOCATION  | 07 DELIVERED      | 06/19/95 | TO:     | 37 5D 27 |

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|  |  |  |  |                   |  |
|--|--|--|--|-------------------|--|
| ITEM INFORMATION                         |  |  |  | 23 ADP ORDER INFO |  |
| 08 CHEMICAL COMPOUND OR ITEM DESCRIPTION |  |  |  | 09 CATALOG NUM    |  |
| ATP                                      |  |  |  | BLU502Z           |  |

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|                   |             |       |    |          |     |
|-------------------|-------------|-------|----|----------|-----|
| ACTUAL            |             |       |    |          |     |
| 10 NUCLIDE P - 32 | 11 ACTIVITY | 1.000 | 12 | SUPPLIER | NEN |

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MODE:F ACTION:

LAB DELIVERIES

AMOUNT IN STORAGE

0.000

| AMOUNT   | DATE     | LOCATION | CONFIRMATION |
|----------|----------|----------|--------------|
| 01 1.000 | 06/19/95 | 37 5D 27 | 07           |
| 02       |          |          | 08           |
| 03       |          |          | 09           |
| 04       |          |          | 10           |
| 05       |          |          | 11           |
| 06       |          |          | 12           |

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06/19/95  
9:23

DELIVERY ROUTE SHEET

PAGE 2

|      | Item Num | Authorized User | PO Num   | Address   | Printed Name & Signature |
|------|----------|-----------------|----------|-----------|--------------------------|
| 95   | 95018095 | MARSDEN, E      | MQ508369 | 37 3B 09  | <i>Marsden</i>           |
| 95   | 95018587 | MARSDEN, E      | NTF63724 | 37 3B 09  | <i>Marsden</i>           |
| u36  | 95018096 | SILVERMAN, J    | MQ508368 | 37 3C 25  | <i>P. Brown</i>          |
| 1137 | 95018537 | YARMOLINSKY, M  | NPL18548 | 37 4D 15  | <i>Yarmolinsky</i>       |
| 1130 | 95018528 | POMMIER, Y      | NEF09976 | 37 5D 27  | <i>G Kohlthagen</i>      |
|      | 95018530 | POMMIER, Y      | NEF09976 | 37 5D 27  | <i>G Kohlthagen</i>      |
|      | 95018478 | AMBUDKAR, I     | NUY01140 | 10 1A 19  |                          |
|      | 95017177 | FEJKA, R        | MM438538 | 10 1C415  |                          |
|      | 95016674 | KOPP, J         | MK523070 | 10 3N102  |                          |
|      | 95018307 | ROSENBERG, S    | NIY32691 | 10 4B 54  |                          |
|      | 95018367 | NELSON, D       | NUF90245 | 10 4N112  |                          |
|      | 95018519 | GERSHON, E      | NJZ27771 | 10 4N314  |                          |
|      | 95018117 | KINTER, A       | MD511850 | 10 6A 33  |                          |
|      | 95101101 | LEONARD, W      | NUX21483 | 10 7N244  |                          |
|      | 95018150 | GREINER, J      | MQ507795 | 10 8B 08  |                          |
|      | 95018533 | THAYER, R       | NCD91475 | 10 11B 01 |                          |
|      | 95018534 | THAYER, R       | NCD91475 | 10 11B 01 |                          |
|      | 95018065 | KEHRL, J        | MD503700 | 10 11B 08 |                          |
|      | 95018064 | KEHRL, J        | MD503700 | 10 11B 08 |                          |
|      | 95017565 | MALECH, H       | MD515136 | 10 11N110 |                          |
|      | 95017564 | MALECH, H       | MD515136 | 10 11N110 |                          |



|                      |           |                 |          |         |          |
|----------------------|-----------|-----------------|----------|---------|----------|
| 02 ORDER NO NEF15153 | BLANKET N | 05 ARRIVED      | 05/05/95 | CHECKED | 05/05/95 |
| 03 USER ID 007534    | POMMIER   | 06 CONTAMINATED | N        |         |          |
| 04 STORED N          | LOCATION  | 07 DELIVERED    | 05/05/95 | TO:     | 37 5D 28 |

## ITEM INFORMATION

23 ADP ORDER INFO

|  |                |
|--|----------------|
| 08 CHEMICAL COMPOUND OR ITEM DESCRIPTION | 09 CATALOG NUM |
| DATP                                     | BLU012Z        |

ACTUAL

|                   |             |       |             |     |
|-------------------|-------------|-------|-------------|-----|
| 10 NUCLIDE P - 32 | 11 ACTIVITY | 1.000 | 12 SUPPLIER | NEN |
|-------------------|-------------|-------|-------------|-----|

MODE:F ACTION:

## PACKAGE USERS

| USER-ID   | LAST NAME, | FIRST | STATUS | AUTH | BWRLCN | USER MENU |
|-----------|------------|-------|--------|------|--------|-----------|
| 01 025197 | FUJIMORI   | AKIRA | A      | N    | YNNNNN | 07        |
| 02        |            |       |        |      |        | 08        |
| 03        |            |       |        |      |        | 09        |
| 04        |            |       |        |      |        | 10        |
| 05        |            |       |        |      |        | 11        |
| 06        |            |       |        |      |        | 12        |

Can't change the specified field(s).

MODE:F ACTION:17

## ARCHIVED MATERIAL

01 ITEM NO 95015513

|                      |           |                 |          |         |          |
|----------------------|-----------|-----------------|----------|---------|----------|
| 02 ORDER NO NEF15153 | BLANKET N | 05 ARRIVED      | 05/05/95 | CHECKED | 05/05/95 |
| 03 USER ID 007534    |           | 06 CONTAMINATED | N        |         |          |
| 04 STORED N          | LOCATION  | 07 DELIVERED    | 05/05/95 | TO:     | 37 5D 28 |

## ITEM INFORMATION

23 ADP ORDER INFO

|  |                |
|--|----------------|
| 08 CHEMICAL COMPOUND OR ITEM DESCRIPTION | 09 CATALOG NUM |
| DATP                                     | BLU012Z        |

ACTUAL

|                   |             |       |             |     |
|-------------------|-------------|-------|-------------|-----|
| 10 NUCLIDE P - 32 | 11 ACTIVITY | 1.000 | 12 SUPPLIER | NEN |
|-------------------|-------------|-------|-------------|-----|

MODE:F ACTION:

## LAB DELIVERIES

AMOUNT IN STORAGE

0.000

| AMOUNT   | DATE     | LOCATION | AMOUNT | DATE | LOCATION |
|----------|----------|----------|--------|------|----------|
| 01 1.000 | 05/05/95 | 37 5D 28 | 07     |      |          |
| 02       |          |          | 08     |      |          |
| 03       |          |          | 09     |      |          |
| 04       |          |          | 10     |      |          |
| 05       |          |          | 11     |      |          |
| 06       |          |          | 12     |      |          |

02 ORDER NO NEF15583 BLANKET N 05 ARRIVED 05/05/95 CHECKED 05/05/95  
03 USER ID 007534 POMMIER 06 CONTAMINATED N  
04 STORED N LOCATION 07 DELIVERED 05/05/95 TO: 37 5D 27

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
ATP

09 CATALOG NUM

BLU002Z

ACTUAL

10 NUCLIDE P - 32 11 ACTIVITY 1.000 12 SUPPLIER NEN

MODE:F ACTION:

## PACKAGE USERS

|    | USER-ID LAST NAME, | FIRST   | STATUS | AUTH | BWRLCN | USER MENU |
|----|--------------------|---------|--------|------|--------|-----------|
| 01 | 029488 PONDARRE    | CORINNE | A      | N    | YNNNN  | 07        |
| 02 |                    |         |        |      |        | 08        |
| 03 |                    |         |        |      |        | 09        |
| 04 |                    |         |        |      |        | 10        |
| 05 |                    |         |        |      |        | 11        |
| 06 |                    |         |        |      |        | 12        |

Can't change the specified field(s).

MODE:F ACTION:17

## ARCHIVED MATERIAL

01 ITEM NO 95015403

02 ORDER NO NEF15583 BLANKET N 05 ARRIVED 05/05/95 CHECKED 05/05/95  
03 USER ID 007534 06 CONTAMINATED N  
04 STORED N LOCATION 07 DELIVERED 05/05/95 TO: 37 5D 27

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
ATP

09 CATALOG NUM

BLU002Z

ACTUAL

10 NUCLIDE P - 32 11 ACTIVITY 1.000 12 SUPPLIER NEN

MODE:F ACTION:

## LAB DELIVERIES

AMOUNT IN STORAGE

0.000

|    | AMOUNT | DATE     | LOCATION |    | AMOUNT | DATE | LOCATION |
|----|--------|----------|----------|----|--------|------|----------|
| 01 | 1.000  | 05/05/95 | 37 5D 27 | 07 |        |      |          |
| 02 |        |          |          | 08 |        |      |          |
| 03 |        |          |          | 09 |        |      |          |
| 04 |        |          |          | 10 |        |      |          |
| 05 |        |          |          | 11 |        |      |          |
| 06 |        |          |          | 12 |        |      |          |

05/03/95  
10:29

DELIVERY ROUTE SHEET

PAGE 2

| Time | Item Num             | Authorized User          | PO Num                   | Address              | Printed Name & Signature   |
|------|----------------------|--------------------------|--------------------------|----------------------|----------------------------|
|      | 95014992             | CALLAHAN, R              | MQ508649                 | 9 1W101              |                            |
| 1136 | 95015439<br>95015438 | SYIN, C<br>SYIN, C       | 001189C163<br>001189C163 | 29 425<br>29 425     | McDaniel<br>James McDaniel |
| 1128 | 95015484             | GUTKIND, J               | NJQ22084                 | 30 207               | Core                       |
| 1129 | 95014484<br>95014483 | YOUNG, M<br>YOUNG, M     | MD520579<br>MD520579     | 30 B 02<br>30 B 02   | Joshua X                   |
| 1108 | 95015421             | MAJOR, E                 | NJU53907                 | 36 5C 13             | Spicer Holt                |
| 1144 | 95014489             | KRAEMER, K               | MQ446905                 | 37 3D 06             | Tobin<br>Finan Tobin       |
| 1145 | 95015491             | YUSPA, S                 | NIL59615                 | 37 3B 16             | Yuspa                      |
| 1142 | 95014990             | GONZALEZ, F              | MQ500182                 | 37 3D 17             | Li                         |
| 1142 | 95013463             | GONZALEZ, F              | MQ500182                 | 37 3D 21             | Li                         |
| 1140 | 95015458             | LICHTEN, M               | NPL22523                 | 37 4D 14             | Chun Wu Wei                |
| 1138 | 95015404<br>95015403 | POMMIER, Y<br>POMMIER, Y | NEF15583<br>NEF15583     | 37 5D 27<br>37 5D 27 | Ellen De Kockhage          |
| 1138 | 95015513             | POMMIER, Y               | NEF15153                 | 37 5D 28             | Ellen De Kockhage          |
|      | 95014994             | ROSENBERG, S             | MQ502444                 | 10 1B 47A            |                            |
|      | 95015001             | KELLY, K                 | MQ514697                 | 10 2N104             |                            |
|      | 95015413             | LEVENS, D                | NSQ78445                 | 10 2N106             |                            |
|      | 95015011             | RAFFELD, M               | MQ507756                 | 10 2N109             |                            |
|      | 95014999             | JACOBOWITZ, D            | MD523653                 | 10 3D 48             |                            |

Allegory / Calligraphy

EXHIBIT 54  
PAGE 17 OF 17 PAGE(S)

# EXHIBIT 55

REPORT OF INTERVIEW  
WITH  
KURT KOHN

On July 17, 1995, Kurt KOHN, Laboratory Chief, was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted at KOHN's office located at the National Institute of Health (NIH), National Cancer Institutes (NCI), Building 37, Room 5C25, Bethesda, MD. The interview started at approximately 12:10 p.m.; no other persons were present. The purpose of the interview was to obtain general information regarding the 5th floor laboratories of Building 37 at NIH. In addition, the interview was conducted to determine KOHN's knowledge of the contamination incident at NIH in which Wenli MA (Maryann) was contaminated with radioactive phosphorus-32 (P-32). KOHN was also questioned regarding the contamination, with P-32, of the water cooler on the 5th floor of Building 37. KOHN provided the following information in response to questions.

He resides at [REDACTED] and has been employed by NIH for about thirty-eight years. His telephone number at work is 301-496-2769. His date of birth is [REDACTED] Social Security Number [REDACTED]. He received his M.D. from Columbia University, New York, NY, and his Ph.D. from the Harvard University, Boston, MA. He works in the Laboratory of Molecular Pharmacology (LMP); his supervisor is Dr. Ed SAUSVILLE (301-496-8720). The LMP is divided into sections, with his six section chiefs supervising from a few employees to over ten employees.

The floor contains three laboratories; LMP, the Laboratory of Medicinal Chemistry, and the Laboratory of Biological Chemistry. All three laboratories combined have about one hundred and twenty employees. He supervises about fifty employees through his section chiefs. John WEINSTEIN is one of his section chiefs; he has known WEINSTEIN about five years. Dr. ZHENG and MA work under WEINSTEIN; WEINSTEIN helped recruit ZHENG and MA from the Peoples Republic of China. He could not recall the names all the employees that work in WEINSTEIN's laboratory, but indicated that Todd DANIELSON, the administrative officer could provide a complete list of employees, including a breakdown of the sections.

He recalled a conversation with WEINSTEIN prior to MA's contamination. He said that WEINSTEIN told him that MA was pregnant, and that she was considering having an abortion. He said that WEINSTEIN is under no pressure to produce because he is considered to be an outstanding employee. WEINSTEIN is in no danger of losing his job at NIH. He recently recommended WEINSTEIN for a medal of commendation for his outstanding job performance, and also recommended that WEINSTEIN be considered for the associate director's job at NIH. Ed SAUSVILLE, KOHN's current supervisor, secured the associate director's job.

KOHN said he was on vacation at Virginia Beach, VA, from June 26, 1995, to July 3, 1995. On July 2, 1995, Dr. William BONNER called him at home to tell him of MA's P-32 contamination incident. All his knowledge of the incident came after he returned from vacation. He could provide no pertinent information regarding the contamination, with P-32, of the 5th floor water

cooler.

[REDACTED]

The LMP conference room that was found to be contaminated is just outside his office door. From the hallway, the conference room is contained within his office. Madie TYLER, his secretary, also maintains her work station just outside the LMP conference room. To his knowledge, all the LMP staff have keys to the LMP conference room in which P-32 was discovered on the floor. He does not have keys to other laboratories on his floor. He is willing to voluntarily submit fingerprints.

KOHN does not suspect WEINSTEIN of contaminating MA or the water cooler with P-32. He considers WEINSTEIN very ethical in his dealings. According to KOHN, WEINSTEIN will go out of his way to make sure that everyone involved in a project gets the credit when a project is successful. He said that ZHENG and MA's research was not successful in the beginning of the project; however, the data was finally beginning to become successful. He said that WEINSTEIN was having difficulty guiding ZHENG and MA's research, and he was knowledgeable that WEINSTEIN was not very well trained in Molecular Biology. The project took a considerable amount of knowledge in the field Molecular Biology. Both ZHENG and MA have considerable knowledge in the field of Molecular Biology.

Prior to the contamination incident with MA, KOHN recalls WEINSTEIN commenting that both ZHENG and MA were paranoid about the patent rights to their research project.

In passing, he recalled speaking to Ann ORR, one of his researchers, about the contamination incident of MA. KOHN and ORR were aware that China has a population policy of one child per couple. According to KOHN, ORR related that MA may already have another child in China. Also, KOHN said that ORR

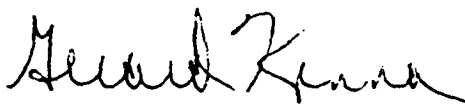
commented that, on the night of the incident, ZHENG was very calm about the P-32 contamination of his wife. KOHN stated that ORR recalled that both ZHENG and MA were both eating at a table outside their laboratory on the day that MA was contaminated.

After the MA contamination incident he received a telephone call from ZHENG and MA regarding the incident. They both suspected that WEINSTEIN was responsible for MA's contamination. He detailed his conversation notes and wrote a memorandum dated July 7, 1995, a copy of which is appended.

The interview was terminated at approximately 1:15 p.m.

This interview was reported on July 17, 1995.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I

Attachment:  
As stated

07 July 1995

Marianne (Ma) called me at about 10:30 am. She was very tearful, obviously very upset, hard to understand all she said. At first, she seemed to have a hard time catching her breath amid sobs. Our conversation lasted about 15 min and she seemed to become much calmer. She began by saying that "John is a very dangerous person." She said that about 2 weeks ago John had urged her to have an abortion so that her work would not be affected. She said that her husband became very upset about this and wanted to go to work in another lab. They considered talking to me about the problem, but decided not to do so. (I feel partially responsible in that, in retrospect, I noticed several weeks ago that her appearance had changed and she had lost the sprightly look that she had had, and I should have talked to her at that time.) She indicated that John seemed to be implicating her husband and she was extremely upset by this accusation. She indicated they had planned to have her parents come to take care of the baby, so that her work in the lab would not be affected. Her parents were to stay for 3 months and then take the baby back to China. She asked me not tell John that she had called. I agreed to keep our conversation confidential, and urged her to tell everything she knew when questioned by detectives. I also told Madie not to tell anyone about the phone calls (except if questioned by police detectives). Told Ma to call or come in to see me anytime; I suggested she call again on Monday. Her home phone is [REDACTED]. Ma also said that John had been acting strangely that Tuesday night when they were working late -- and something about a box that John was carrying at 4 am (?) which she thought might have contained the radioactivity (?) (I couldn't understand her completely but didn't want to seem to be cross-examining her at this time.) She thinks that the P32 might have come from Patrick's lab, because they were collaborating and had gotten a peptide from him. (This may be in relation to a project that I had suggested to John as a good way to his RNA analysis scheme by looking for expression of the p53 downstream gene.) Ma said something about a peptide from Patrick (but this doesn't fit with the project as I had envisioned it).

11:00 am. John came in and told me they had named him as a suspect. Said he had heard this from his attorney. And that he should not discuss details, leaving this to his attorney. Said he will make appointment to talk to Ed on Monday. He doesn't know where the P33 records are (his lab did not receive any P32 in last 3 months -- confirmed by RSB report I have received), and he doesn't want to rumage through their notebooks (presumably because it may be a sensitive issue).



# EXHIBIT 56

INTERVIEW REPORT  
OF  
AKIRA KOMIRYA

On February 28, 1996, Akira KOMIRYA, Chemist, employed at Oncormuni, Inc., College Park, MD, was interviewed via telephone by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Special Agent Gerard Kenna. The interview was conducted on the phone at KOMIRYA request. The interview started at approximately 2:30 p.m.; no other persons were present.

[REDACTED] the interview was conducted to determine KOMIRYA's knowledge of the contamination incident at NIH in which Wenli MA was contaminated with phosphorus-32 (P-32). KOMIRYA was also interviewed regarding his knowledge of the P-32 and phosphorus-33 (P-33) contamination of the water cooler on the 5th floor of Building 37. He provided the following information in response to questions.

KOMIRYA resides at [REDACTED] and he is currently employed at Oncormuni Inc, College Park, MD. His date of birth is [REDACTED] and his Social Security Number is [REDACTED]. He could provide no pertinent information regarding the contamination incident in which Wenli MA was contaminated with P-32. Likewise, he could provide no information regarding the contamination of the 5th floor, Building 37, water cooler with P-32/P-33. All his knowledge of the incidents came from news reports.

Back in 1988, KOMIRYA worked for Robert ZOON's wife in a laboratory (NFI), and he was invited to ZOON's house for a social gathering. During a brief conversation with Robert ZOON, at ZOON's residence, the discussion turned to the disposal of radioactive material at NIH. When questioned about disposal, ZOON responded something to the effect that low level radioactive material was disposed of locally. According to KOMIRYA, ZOON never fully explained what "disposed of locally" meant. It was inferred that radioactive material could have been disposed in the local sewer system or in a local creek.

AGENT'S NOTE: According to James DWYER, NRC Senior Health Physicist, Medical Inspection Section, it is permissible for NIH to dispose of certain radioactive materials through the local sewer system provided that certain conditions are met. According to DWYER, NIH has one of the best programs for disposal of radioactive material in the region.

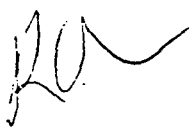
The interview was terminated at approximately 2:30 p.m.

This interview was reported on March 1, 1995.

Reported by:



Gerard Kenna, Special Agent  
Office of Investigations  
Field Office, Region I



Case No. 1-95-033

2

EXHIBIT 56  
PAGE 2 OF 2 PAGE(S)

# EXHIBIT 57

REPORT OF INTERVIEW  
WITH  
GUANG LI

On July 25, 1995, Guang LI, Research Fellow, was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted at conference office located at the National Institute of Health (NIH), National Cancer Institute (NCI), Building #37, Room 5C12, Bethesda, MD. The interview started at approximately 1:40 p.m.; no other persons were present. The purpose of the interview was to obtain general information regarding the 5th floor laboratories of Building 37 at the NIH. In addition, the interview was conducted to determine LI's knowledge of the contamination incident at NIH in which MA was contaminated with P-32. LI was also questioned regarding the contamination, with P-32, of the water cooler. LI provided the following information in response to questions.

He resides at [REDACTED] and has been employed by NIH for about nine months. His office telephone number at work is 301-496-9572. His date of birth is [REDACTED] at [REDACTED] Social Security Number [REDACTED]. He received his B.S. in [REDACTED] and M.S. in [REDACTED] from the University of Science and Technology of China, Hefei, China. In [REDACTED] he started his studies for his Ph.D at Duke University and in [REDACTED] he received his Ph.D from Duke University, Durham, NC. He is a resident alien in the United States. [REDACTED] He works in the Laboratory of Molecular Pharmacology (LMP); his supervisor is Dr. John WEINSTEIN. He is an Intermural Research Training Award fellow earning about \$30,000 per year. Mark WALTHAM, another researcher in WEINSTEIN's lab, and himself are currently working on a protium identification project. On occasion, radioactive carbon-14 (C-14) would be used in the project. He does not use, nor does he have access to P-32 or P-33. He does not know where the P-32 and P-33 is maintained in the laboratory. He is also conducting research on Intracellular Concentration of Calcium in which no nuclear material is used.

He has never been pressured by WEINSTEIN during any of his projects. WEINSTEIN was very interested in ZHENG and MA's work and spent a considerable amount of time working with them. He recalled that ZHENG and MA gave a short briefing on their project to the staff in WEINSTEIN's laboratory. The staff was told the project was secret because a patent was going to be filed on the discovery. To his knowledge, there was never any jealousy or animosity within the laboratory staff.

The 5th floor of building 37 contains three laboratories; LMP, Laboratory of Medicinal Chemistry and the Laboratory of Biological Chemistry. All three laboratories have about one hundred and twenty employees.

On Thursday June 29, 1995, he was working in his laboratory located in 5D21 when it was discovered, about 6:00 p.m., that MA was contaminated with P-32. He recalls that he, Waltham, Ann ORR, WEINSTEIN, MA, and ZHENG were working that evening when MA was discovered to be contaminated. He remained at his laboratory when the fire department responded and on occasion would go to 5D18 to find out what happening during the incident.

He and WALTHAM were asked by WEINSTEIN to conduct a radiation survey of his laboratory (5D21). It was his idea to test the survey meter at the LMP conference room to make sure it was operating properly. He found out during the incident from WALTHAM the LMP conference room was contaminated. He and WALTHAM responded to the conference room and a health physicist that was surveying the conference room allowed him to verify that his meter was operating properly. He and WALTHAM returned to his laboratory to conduct the radiation survey of 5D21 and the survey took about ten minutes. No radiation was found in his laboratory (5D21). WEINSTEIN also instructed him and WALTHAM to conduct a radiation survey of their bodies to determine if they were contaminated. They completed the surveys without detecting radiation. They did not conduct a survey in any hallways of Building 37. He doesn't recall exactly when he left for the evening but he thinks he departed the building about 7:00 p.m.. The fire department was still at the building when he went home for the evening.

He could provide no pertinent information regarding the contamination with P-32 of MA and of the water cooler on the 5th floor of Building 37. He also heard that a coffee cup, centrifuge tube and a bag were found contaminated. He could provide no information regarding these items.

He does not suspect anyone of the aforementioned contamination incidents. Rumor in the general office area is that WEINSTEIN is responsible for MA's contamination. He personally does not believe the rumor concerning WEINSTEIN. He does bring his lunch to work but does not use the refrigerator in the LMP conference room. He maintains his lunch, usually carried in a plastic bag, in his desk drawer.

He is willing to submit fingerprints and will submit to a polygraph if everyone else in the laboratory submits to the test.

The interview concluded at about 2:38 p.m.

This interview was reported on July 25, 1995.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I

# EXHIBIT 58

REPORT OF INTERVIEW  
WITH  
ULRICKE LICHTI

On August 3, 1995, Ulricke LICHTI, Special Volunteer, was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted at LICHTI's office located at the National Institutes of Health (NIH), National Cancer Institute (NCI), Building 37, Room 3B24, Bethesda, MD. The interview started at approximately 11:53 a.m.; no other persons were present. The purpose of the interview was to determine LICHTI's knowledge of the contamination incidents at NIH in which Wenli MA (Maryann) was contaminated with radioactive phosphorus-32 (P-32) and the water cooler, on the 5th floor, being contaminated with P-32. LICHTI was interviewed because computer records indicated that she entered building 37, at 10:30 p.m. on June 29, 1995. LICHTI was questioned to determine if she allowed anyone to enter the building when she used her keycard. The building is locked from 6:00 p.m. to approximately 6:00 a.m.; entrance is made by using a keycard. LICHTI provided the following information in response to questions.

She resides at [REDACTED] and she has been employed at NIH since 1974 excluding 1980 to 1981. Her telephone number at work is 301-496-3248. Her date of birth is [REDACTED] at [REDACTED]; her Social Security Number is [REDACTED]. She received her Ph.D. in [REDACTED] from the University of Wisconsin.

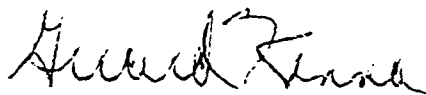
LICHTI could provide no pertinent information regarding the contamination incident at NIH in which MA was contaminated with P-32. In addition, she could provide no pertinent information regarding the P-32 contamination of the 5th floor water cooler.

She said that she did enter building 37 at 10:30 p.m. with her key card as indicated by the computer records. She did not loan her card to anyone and she usually will not allow anyone to follow her into the building. Although she can not specifically recall entering the building on the aforementioned date and time, she does not recall an oriental male entering the building with her at that time.


She could provide no further pertinent information.

This interview was reported on August 3, 1995.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I



Case No. 1-95-033A



# EXHIBIT 59

INTERVIEW REPORT  
OF  
MICHAEL LOSIEWICZ

On September 6, 1995, Michael LOSIEWICZ, Post Doctorate Fellow, National Institutes of Health (NIH), was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted at a laboratory room located at the NIH, National Cancer Institute (NCI), Building 37, Room 5E20, Bethesda, MD. The interview started at approximately 12:11 p.m. and no other persons were present. The purpose of the interview was to obtain general information regarding the 5th floor laboratories of Building 37 at NIH. The interview was also conducted to determine LOSIEWICZ's knowledge of the contamination incident at NIH in which Wenli MA was contaminated with phosphorus-32 (P-32). LOSIEWICZ was also questioned regarding the P-32 and phosphorus-33 (P-33) contamination of the water cooler on the 5th floor of Building 37. In particular, LOSIEWICZ was interviewed because he signed for two P-32 delivery slips, item 9513743, dated April 11, 1995, and delivery item 95016532, dated May 19, 1995. LOSIEWICZ provided the following information in response to questions:

He resides at [REDACTED] and he has been employed at NIH since December 1992. His telephone number at work is 301-402-2969. His date of birth is [REDACTED] and his Social Security Number is [REDACTED]. He received a B.A. degree in [REDACTED] from Rhode Island College and his Ph.D. from the University of Massachusetts.

The 5th floor of Building 37 contains three laboratories: the Laboratory of Molecular Pharmacology (LMP), the Laboratory of Medicinal Chemistry (LMC), and the Laboratory of Biological Chemistry (LBC). LOSIEWICZ works in the LBC and his supervisor is Ed SAUSVILLE.

LOSIEWICZ examined the attached delivery item documents and identified his signature on the delivery slips. He signed for the delivery of P-32 that was ordered by the authorized user, Gurmeet KAUR. He said that when the delivery of radioactive material is received from the NIH Radiation Safety Department, anyone in the laboratory can sign the delivery slip acknowledging the receipt of the radioactive material. He said the laboratory log for the usage of P-32 within his laboratory is not real accurate. He said that it has been known, within SAUSVILLE'S laboratory, that users of P-32 sometimes do not accurately log in their usage of P-32 and other radioactive materials. Although he has lent some P-32 to Dr. Yves POMMIER's group, he has never lent, or given, any P-32 to John WEINSTEIN, Wenling ZHENG or MA. To his knowledge, there is no missing P-32 from his laboratory inventory.

LOSIEWICZ did drink water from the water cooler that was later determined to be contaminated with P-32 and P-33. He drinks about twenty-four ounces of water per day. He submitted a urine sample and it was determined that he was contaminated with about [REDACTED].

LOSIEWICZ was working at the laboratory the night it was discovered that MA was contaminated with P-32. He departed the laboratory about 8:00 p.m., which he recalled was about thirty minutes after the fire department departed the building.

LOSIIEWICZ could provide no pertinent information regarding the contamination of MA or the water cooler. He is willing to voluntarily submit fingerprints and take a polygraph.

The interview was terminated approximately 12:35 a.m.

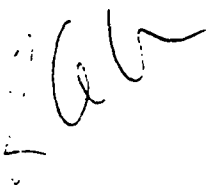
This interview was reported on September 6, 1995.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I

Attachments:  
As stated



MODE:F ACTION:14

ARCHIVED MATERIAL

01 ITEM NO 95013743

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| 03 USER ID 019918 SAUSVILLE |           | 06 CONTAMINATED N     |                  |
| 04 STORED N LOCATION        |           | 07 DELIVERED 04/12/95 | TO: 37 5E 20     |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION

09 CATALOG NUM

ATP

PB10168

ACTUAL

10 NUCLIDE P - 32 11 ACTIVITY 1.000 12 SUPPLIER A/S

MODE:F ACTION:

## PACKAGE USERS

| USER-ID LAST NAME, | FIRST   | STATUS AUTH | BWRLCN | USER MENU |
|--------------------|---------|-------------|--------|-----------|
| 01 019919 KAUR     | GURMEET | A N         | YNNYNN | 07        |
| 02                 |         |             |        | 08        |
| 03                 |         |             |        | 09        |
| 04                 |         |             |        | 10        |
| 05                 |         |             |        | 11        |
| 06                 |         |             |        | 12        |

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MODE:F ACTION:17

ARCHIVED MATERIAL

01 ITEM NO 95013743

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| 03 USER ID 019918    |           | 06 CONTAMINATED N     |                  |
| 04 STORED N LOCATION |           | 07 DELIVERED 04/12/95 | TO: 37 5E 20     |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION

09 CATALOG NUM

ATP

PB10168

ACTUAL

10 NUCLIDE P - 32 11 ACTIVITY 1.000 12 SUPPLIER A/S

MODE:F ACTION:

## LAB DELIVERIES

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0.000

| AMOUNT   | DATE     | LOCATION | AMOUNT | DATE | LOCATION |
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| 02       |          |          | 08     |      |          |
| 03       |          |          | 09     |      |          |
| 04       |          |          | 10     |      |          |
| 05       |          |          | 11     |      |          |
| 06       |          |          | 12     |      |          |

EXHIBIT

59

PAGE 3 OF 6 PAGE(S)

04/12/95  
10:54

DELIVERY ROUTE SHEET

PAGE 1

| Time | Item Num | Authorized User | PO Num     | Address      | Printed Name & Signature |
|------|----------|-----------------|------------|--------------|--------------------------|
| 1157 | 95100326 | BONIFACINO, J   | NUU36154   | X   18T 101  | <i>[Signature]</i>       |
|      | 95100332 | MOSS, J         | NJY19517   | 10 6D03      |                          |
|      | 95100327 | HOEG, J         | NJY18134   | 10 5N103     |                          |
|      | 95100322 | LEONARD, W      | NUX38374   | 10 7N244     |                          |
| 1141 | 95013781 | BLAESE, M       | NPM06095   | X   49 2B 31 | <i>[Signature]</i>       |
|      | 95013803 | CHOCK, P        | NVS84493   | 3 122        |                          |
| 1207 | 95013686 | BENNINK, J      | NCU34763   | 4 213        | <i>[Signature]</i>       |
| 1149 | 95013753 | HALPERN, J      | 001168C267 | X   29 424   | <i>[Signature]</i>       |
| 1153 | 95013783 | NOTKINS, A      | NJQ24111   | 30 122       | <i>[Signature]</i>       |
| 232  | 95013786 | GERFEN, C       | NFS65434   | X   36 2D 10 | <i>[Signature]</i>       |
| 1132 | 95013726 | HAYES, T        | NGU34961   | X   36 3B 04 | <i>[Signature]</i>       |
| 1132 | 95013725 | HAYES, T        | NGU34961   | X   36 3C 09 | <i>[Signature]</i>       |
| 1126 | 95013764 | ANDERSON, W     | NDP43008   | X   37 1E 14 | <i>[Signature]</i>       |
| 1121 | 95013761 | BLUMBERG, P     | NIL61030   | X   37 3A 07 | <i>[Signature]</i>       |
| 1120 | 95013721 | LICHTEN, M      | NPL25371   | X   37 4D 14 | <i>[Signature]</i>       |
| 1113 | 95013743 | SAUSVILLE, E    | NEF21266   | X   37 5E 20 | <i>[Signature]</i>       |
|      | 95013789 | WALDMANN, T     | NUF03978   | 10 4N104     |                          |
|      | 95012814 | HAKIM, F        | NDT21083   | 10 5A 07     |                          |

EXHIBIT

MODE:F ACTION:14

ARCHIVED MATERIAL

01 ITEM NO 95016532

|                             |           |                       |                  |
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| 03 USER ID 019918 SAUSVILLE |           | 06 CONTAMINATED N     |                  |
| 04 STORED N LOCATION        |           | 07 DELIVERED 05/22/95 | TO: 37 5E 20     |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION

09 CATALOG NUM

P32 CARRIER FREEIN A Q SOLN,HCL FREE

PBS13A

ACTUAL

10 NUCLIDE P - 32 11 ACTIVITY 10.000 12 SUPPLIER AMERSHAM

MODE:F ACTION:

## PACKAGE USERS

| USER-ID   | LAST NAME, | FIRST   | STATUS | AUTH | BWRLCN | USER MENU |
|-----------|------------|---------|--------|------|--------|-----------|
| 01 019919 | KAUR       | GURMEET | A      | N    | YNNYNN | 07        |
| 02        |            |         |        |      |        | 08        |
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Can't change the specified field(s).

MODE:F ACTION:17

ARCHIVED MATERIAL

01 ITEM NO 95016532

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| 04 STORED N LOCATION |           | 07 DELIVERED 05/22/95 | TO: 37 5E 20     |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION

09 CATALOG NUM

P32 CARRIER FREEIN A Q SOLN,HCL FREE

PBS13A

ACTUAL

10 NUCLIDE P - 32 11 ACTIVITY 10.000 12 SUPPLIER AMERSHAM

MODE:F ACTION:

## LAB DELIVERIES

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0.000

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| 02        |          |          | 08     |      |          |
| 03        |          |          | 09     |      |          |
| 04        |          |          | 10     |      |          |
| 05        |          |          | 11     |      |          |
| 06        |          |          | 12     |      |          |

EXHIBIT

PAGE 5 OF 6 PAGE(S)

05/22/95  
13:29

DELIVERY ROUTE SHEET

PAGE 2

| Time | Item Num | Authorized User | PO Num     | Address   | Printed Name & Signature |
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| 2:10 | 95016701 | DEAN, J         | NJM60184   | 6 B1 29   | <i>[Signature]</i>       |
| 2:19 | 95016651 | DEAN, J         | NJM60196   | 6 B1 29   | <i>[Signature]</i>       |
|      | 95016652 | DEAN, J         | NJM60196   | 6 B1 29   | <i>[Signature]</i>       |
| 3:4  | 95016724 | BENNINK, J      | NCG15648   | 4 209     | <i>[Signature]</i>       |
| 3:35 | 95016550 | NOSSAL, N       | NJA85890   | 8 2A 19   | <i>[Signature]</i>       |
| 3:30 | 95016172 | ROBERTS, A      | MQ514920   | 41 B905   | <i>[Signature]</i>       |
| 3:18 | 95014614 | STROMBERG, K    | 001869C503 | 29A 2B 02 | <i>[Signature]</i>       |
| 3:12 | 95016700 | BONVINI, E      | 001168C327 | 29B 4E 08 | <i>[Signature]</i>       |
| 3:12 | 95016552 | PAPAGEORGE, A   | NDP40644   | 36 1D 24  | <i>[Signature]</i>       |
|      | 95016469 | HERKENHAM, M    | NFF85411   | 36 2D 15  | <i>[Signature]</i>       |
| 3:10 | 95016287 | HERKENHAM, M    | NFF85502   | 36 2D 15  | <i>[Signature]</i>       |
| 3:08 | 95016528 | HAYES, T        | NGU28351   | 36 3C 18  | <i>[Signature]</i>       |
| 3:06 | 95016587 | HUDSON, L       | NJU53531   | 36 5D 06  | <i>[Signature]</i>       |
| 2:56 | 95016548 | GERWIN, B       | NVD92615   | 37 2C 13  | <i>[Signature]</i>       |
| 2:54 | 95016380 | HENNINGS, H     | NIL58974   | 37 3B 19  | <i>[Signature]</i>       |
| 2:48 | 95016526 | HAMER, D        | NPL21413   | 37 4A 01  | <i>[Signature]</i>       |
| 2:52 | 95016532 | SAUSVILLE, E    | NEF19751   | 37 5E 20  | <i>[Signature]</i>       |
|      | 95016567 | LIOTTA, L       | NSQ75206   | 10 2C 33  | <i>[Signature]</i>       |
|      | 95016574 | KUEHN, M        | NDK55951   | 10 4B 05  | <i>[Signature]</i>       |

# EXHIBIT 60



INTERVIEW REPORT  
OF  
THOMAS MAYS

On August 29 and September 13, 1995, Thomas MAYS, Patent Attorney, National Institutes of Health (NIH), was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted at Mays office located at the NIH, National Cancer Institute (NCI), Building 31, Room 4A34, Bethesda, MD. The interview on August 29, 1995, started at approximately 2:30 p.m. and ended at approximately 4:00 p.m. and no other persons were present. The interview of MAYS on September 13, 1995, and started at approximately 1:05 p.m. and ended at approximately 2:10 p.m. NRC, Office of Nuclear Material Safety and Safeguards (NMSS), Division of Industrial and Medical Nuclear Safety (IMNS), Radiation Biologist Patricia K. HOLAHAN was present, during that interview. The purpose of the interview was to determine MAYS' knowledge of the contamination incidents at NIH in which Wenli MA was contaminated with phosphorus-32 (P-32) and the contamination of the water cooler with P-32 and phosphorus-33 (P-33). MAYS was also interviewed regarding the patent application that John WEINSTEIN submitted. MAYS provided the following information in response to questions:

He resides at [REDACTED] and has been employed by NIH since 1990. His date of birth is [REDACTED] and his Social Security Number [REDACTED]. His work telephone number is 301-496-0477. From September 1985 to May 1990, he was employed by the U.S. Patent Office, Washington, DC. In [REDACTED] he received a Ph.D. from Virginia Polytech University in microbiology. In 1991, he received a law degree from Catholic University. At NIH he is employed as a patent attorney and is assigned to process John WEINSTEIN's Employee Invention Report titled, "Restriction Display, a Method Based on Restriction Enzyme Activity for Surveying Expression of mRNA Molecules in Cells," OTD Reference No. 94063, through the NIH system in order to obtain a patent for NIH and WEINSTEIN.

MAYS provided a complete copy of the file which is not appended to this report. MAYS said Frank LUCAS, an NIH staff employee, is assigned to process the aforementioned application. However, MAYS has the overall responsibility for processing the application. LUCAS would have periodic contact with WEINSTEIN regarding research for the patent. A review of the file was conducted by MAYS and he said that WEINSTEIN originally filed his initial Employee Invention Report in June 1994. Research was conducted by NIH to determine if WEINSTEIN's idea was unique and could be patentable. The patent for the aforementioned process is in the final stages, and in all probability will be filed at the U.S. Patent Office prior to October 1995, the date the idea is to be published in a journal. According to MAYS, within the next few days the application will be forwarded to the U.S. Patent office.

In an effort to provide approximate statistical information, and without verifying his facts, MAYS said that it cost approximately \$1,500 to file for a U.S. patent. Normally, it takes numerous filings to obtain a U.S. patent and with filing and attorney fees the cost could be approximately \$50,000. A world patent could cost approximately \$250,000. Last year NIH spent approximately \$4 million dollars in fees on 1,900 patent cases. His office rejects 10% to 15% of the patent requests sought by NIH researchers.

By way of providing additional background information, MAYS said that NIH researchers can obtain patents and receive royalty compensation for their work at NIH. Researchers can receive 15% of the royalties and up to \$100,000 per year for the life of the patent. A patent usually lasts seventeen years. Usually the first researcher that thinks of the idea is given the royalty credit and not the researchers that prove the idea through laboratory research. A researcher, proving the idea of another researcher, can receive partial royalty compensation if significant changes are suggested and made to the original idea to warrant recognition. If more than one researcher is named on the patent, the 15% royalty percentage is divided, but the maximum paid to researchers remains at 15% of the royalty, up to the maximum of \$100,000 per year. According to the NIH Royalty Collections and Distribution computer database, since 1987, WEINSTEIN has received 15% of \$30,280 royalties from patients.

According to MAYS, there are approximately 2,500 researchers at the NCI. The medium income from patents for all the researchers is approximately \$700. Some researchers, who have patents, receive no compensation at all while 8 researchers receive the maximum \$100,000. To his knowledge, WEINSTEIN is the only researcher named to receive royalty credit for the aforementioned patent application. Wenling ZHENG and MA are named to receive scientific credit and they have not requested patent credit status.


MAYS could provide no pertinent information regarding the contamination incident at NIH in which MA was contaminated with P-32. In addition, he could provide no pertinent information regarding the P-32 and P-33 contamination of the 5th floor water cooler.

This interview was reported on September 13, 1995.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I



# EXHIBIT 61

INTERVIEW REPORT  
OF  
ABHIJIT "RON" MAZUMDER

On September 13, 1995, Abhijit "Ron" MAZUMDER, Research Fellow, National Institute of Health (NIH), was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted at a conference room located at the NIH, National Cancer Institute (NCI), Building 37, Room 5C12, Bethesda, MD. The interview started at approximately 9:35 a.m. and no other persons were present. The purpose of the interview was to obtain general information regarding the 5th floor laboratories of Building 37 at the NIH. The interview was also conducted to determine MAZUMDER's knowledge of the contamination incident at NIH in which Wenli MA was contaminated with phosphorus-32 (P-32). MAZUMDER was also questioned regarding the P-32 and phosphorus 33 (P-33) contamination of the water cooler on the 5th floor of Building 37. In particular, MAZUMDER was interviewed because he signed one P-32 delivery slip for items 95014162 and 95014163, dated April 17, 1995. MAZUMDER provided the following information in response to questions:

He resides at [REDACTED] and he has been employed at NIH since April 1993. His telephone number at work is 301-435-2463. His date of birth is [REDACTED] in [REDACTED]. His Social Security Number is [REDACTED]. He has been a U.S. citizen since [REDACTED]. He received a B.A. degree in [REDACTED] from John Hopkins University, Baltimore, MD, and in [REDACTED] received his Ph.D. degree from the University of Maryland.

The 5th floor of Building 37 contains three laboratories: the Laboratory of Molecular Pharmacology (LMP), the Laboratory of Medicinal Chemistry (LMC), and the Laboratory of Biological Chemistry (LBC). All three laboratories combined have about one hundred and twenty employees. MAZUMDER works in the LMP and his supervisor is Yves POMMIER. He is a temporary employee authorized to conduct research and he will be employed at NIH for about two years.

MAZUMDER examined the attached delivery item documents and identified his signature on the delivery slip. He said that when the delivery of radioactive material is received from the NIH Radiation Safety Department, anyone in the laboratory can sign the delivery slip acknowledging receipt of the material. He said the laboratory log for the usage of P-32 within his laboratory is not real accurate. He said that it has been known, within the laboratory, that users of P-32 sometimes do not accurately log their usage of P-32 and other radioactive materials. Although he is aware that P-32 has been lent to other researchers, he has never lent or given any P-32 to John WEINSTEIN, Wenling ZHENG or MA. To his knowledge, there is no missing P-32 from his laboratory inventory.

MAZUMDER usually does not drink water from the water cooler that was later determined to be contaminated with P-32 and P-33. He was not working at the laboratory the night it was discovered that MA was contaminated with P-32.

He could provide no pertinent information regarding the contamination of MA or the water cooler. He is willing to voluntarily submit fingerprints and take a polygraph.

The interview was terminated at approximately 10:10 a.m.

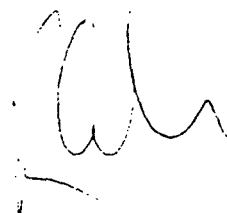
This interview was reported on September 13, 1995.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I

Attachments:  
As stated



MODE:F ACTION:14

ARCHIVED MATERIAL

01 ITEM NO 95014162

|                           |           |                       |                  |
|---------------------------|-----------|-----------------------|------------------|
| 02 ORDER NO NEF16718      | BLANKET N | 05 ARRIVED 04/17/95   | CHECKED 04/17/95 |
| 03 USER ID 007534 POMMIER |           | 06 CONTAMINATED N     |                  |
| 04 STORED N LOCATION      |           | 07 DELIVERED 04/19/95 | TO: 37 5D 27     |

ITEM INFORMATION

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION ATP

23 ADP ORDER INFO

09 CATALOG NUM BLU002Z

ACTUAL

10 NUCLIDE P - 32 11 ACTIVITY 2.000 12 SUPPLIER NEN

MODE:F ACTION:

PACKAGE USERS

| USER-ID   | LAST NAME, | FIRST    | STATUS | AUTH | BWRLCN | USER MENU |
|-----------|------------|----------|--------|------|--------|-----------|
| 01 026030 | MAZUMDER   | ABHIJIT  | A      | N    | YNNNNN | 07        |
| 02 026186 | GOLDWASSER | FRANCOIS | I      | N    | NNNNNN | 08        |
| 03        |            |          |        |      |        | 09        |
| 04        |            |          |        |      |        | 10        |
| 05        |            |          |        |      |        | 11        |
| 06        |            |          |        |      |        | 12        |

Can't change the specified field(s).

MODE:F ACTION:17

ARCHIVED MATERIAL

01 ITEM NO 95014162

|                      |           |                       |                  |
|----------------------|-----------|-----------------------|------------------|
| 02 ORDER NO NEF16718 | BLANKET N | 05 ARRIVED 04/17/95   | CHECKED 04/17/95 |
| 03 USER ID 007534    |           | 06 CONTAMINATED N     |                  |
| 04 STORED N LOCATION |           | 07 DELIVERED 04/19/95 | TO: 37 5D 27     |

ITEM INFORMATION

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION ATP

23 ADP ORDER INFO

09 CATALOG NUM BLU002Z

ACTUAL

10 NUCLIDE P - 32 11 ACTIVITY 2.000 12 SUPPLIER NEN

MODE:F ACTION:

LAB DELIVERIES

AMOUNT IN STORAGE

0.000

| AMOUNT   | DATE     | LOCATION | AMOUNT | DATE | LOCATION |
|----------|----------|----------|--------|------|----------|
| 01 2.000 | 04/19/95 | 37 5D 27 | 07     |      |          |
| 02       |          |          | 08     |      |          |
| 03       |          |          | 09     |      |          |
| 04       |          |          | 10     |      |          |
| 05       |          |          | 11     |      |          |
| 06       |          |          | 12     |      |          |

EXHIBIT 61  
PAGE 3 OF 5 PAGE(S)

|  |             |                 |          |                   |          |
|--|-------------|-----------------|----------|-------------------|----------|
| 02 ORDER NO NEF16718                     | BLANKET N   | 05 ARRIVED      | 04/17/95 | CHECKED           | 04/17/95 |
| 03 USER ID 007534                        | POMMIER     | 06 CONTAMINATED | N        |                   |          |
| 04 STORED                                | N LOCATION  | 07 DELIVERED    | 04/19/95 | TO:               | 37 5D 27 |
| -----                                    |             |                 |          |                   |          |
| ITEM INFORMATION                         |             |                 |          | 23 ADP ORDER INFO |          |
| 08 CHEMICAL COMPOUND OR ITEM DESCRIPTION |             |                 |          | 09 CATALOG NUM    |          |
| DATP                                     |             |                 |          | BLU012Z           |          |
| -----                                    |             |                 |          |                   |          |
| ACTUAL                                   |             |                 |          |                   |          |
| 10 NUCLIDE P - 32                        | 11 ACTIVITY | 1.000           | 12       | SUPPLIER          | NEN      |

MODE:F ACTION:

PACKAGE USERS

|                    |        |             |        |           |
|--------------------|--------|-------------|--------|-----------|
| USER-ID LAST NAME, | FIRST  | STATUS AUTH | BWRLCN | USER MENU |
| 01 027272 GUPTA    | MALINI | A N         | YNYNNN | 07        |
| 02                 |        |             |        | 08        |
| 03                 |        |             |        | 09        |
| 04                 |        |             |        | 10        |
| 05                 |        |             |        | 11        |
| 06                 |        |             |        | 12        |

Can't change the specified field(s).

MODE:F ACTION:17

ARCHIVED MATERIAL

01 ITEM NO 95014163

|  |             |                 |          |                   |          |
|--|-------------|-----------------|----------|-------------------|----------|
| 02 ORDER NO NEF16718                     | BLANKET N   | 05 ARRIVED      | 04/17/95 | CHECKED           | 04/17/95 |
| 03 USER ID 007534                        |             | 06 CONTAMINATED | N        |                   |          |
| 04 STORED                                | N LOCATION  | 07 DELIVERED    | 04/19/95 | TO:               | 37 5D 27 |
| -----                                    |             |                 |          |                   |          |
| ITEM INFORMATION                         |             |                 |          | 23 ADP ORDER INFO |          |
| 08 CHEMICAL COMPOUND OR ITEM DESCRIPTION |             |                 |          | 09 CATALOG NUM    |          |
| DATP                                     |             |                 |          | BLU012Z           |          |
| -----                                    |             |                 |          |                   |          |
| ACTUAL                                   |             |                 |          |                   |          |
| 10 NUCLIDE P - 32                        | 11 ACTIVITY | 1.000           | 12       | SUPPLIER          | NEN      |

MODE:F ACTION:

LAB DELIVERIES

AMOUNT IN STORAGE

0.000

|          |          |          |        |      |          |
|----------|----------|----------|--------|------|----------|
| AMOUNT   | DATE     | LOCATION | AMOUNT | DATE | LOCATION |
| 01 1.000 | 04/19/95 | 37 5D 27 | 07     |      |          |
| 02       |          |          | 08     |      |          |
| 03       |          |          | 09     |      |          |
| 04       |          |          | 10     |      |          |
| 05       |          |          | 11     |      |          |
| 06       |          |          | 12     |      |          |

04/19/95  
7:48

DELIVERY ROUTE SHEET

PAGE 1

ime Item Num Authorized User PO Num Address Printed Name & Signature

| 95014230 | ANGUS, W | NDV19338 | 28 D106 |

906 | 95014076 | VALAS, R | NCU35937 X | TB2 107 | *Yvonne Shinko: Shi, rickato.*

905 | 95014182 | GERMAIN, R | NCU35913 X | TB2 125 | *Roy J. ...*

928 | 95014064 | BIRRER, M | NVP50317 | KWC 300  
95014060 | BIRRER, M | NVP50317 | KWC 300  
95014156 | BIRRER, M | NVP50317 | KWC 300  
95014061 | MOODY, T | NVP50317 | KWC 300  
95014063 | BIRRER, M | NVP50317 | KWC 300  
*G. Wolf*  
*M. WOLF*

| 95014026 | ERDOS, M | NPM06632 X | 49 3B 32 | *T. Black*

327 | 95014282 | MAURIZI, M | NDP42955 X | 37 1B 28 | *S. ...*

| 95009822 | MAURIZI, M | NDP78401 | 37 1B 28 | *Kleiner*

257 | 95014163 | POMMIER, Y | NEF16718 X | 37 5D 27 | *A. MAZURGE*  
95014162 | POMMIER, Y | NEF16718 X | 37 5D 27 | *A. Mazur*

| 95014228 | FEJKA, R | FM439311 | 10 1C415  
95013794 | FEJKA, R | FM439311 | 10 1C415

| 95014229 | FEJKA, R | MM505452 | 10 1C415 |

"DANKE"  
- BITTE



# EXHIBIT 62

INTERVIEW REPORT  
OF  
LALITA MURTY

On August 24, 1995, Lalita MURTY, Biologist, National Institutes of Health (NIH), was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted at a conference room office located at the NIH, National Cancer Institute (NCI), Building 37, Room 5C12, Bethesda, MD. The interview started at approximately 10:06 a.m. and no other persons were present. The purpose of the interview was to obtain general information regarding the 5th floor laboratories of Building 37 at NIH. In addition, the interview was conducted to determine MURTY's knowledge of the contamination incident at NIH in which Wenli MA was contaminated with phosphorus-32 (P-32). MURTY was also questioned about the water cooler, on the 5th floor, being contaminated with P-32. MURTY was specifically interviewed to determine her knowledge of information that Wenling ZHENG and MA were going to leave the country, and that ZHENG and MA were having problems. MURTY provided the following information in response to questions:

She resides at [REDACTED] and she has been employed at NIH for approximately 10 years. Her telephone number at work is 301-496-6589. Her date of birth is [REDACTED] and her Social Security Number is [REDACTED]. She graduated with a M.A. degree in [REDACTED] from Indore University, Indore, India. She is a biologist working on the 6th floor of Building 37 in the Laboratory of Tumor Cell Biology. Her supervisor is Dr. Yanto LUNAJDI.


MURTY could provide no pertinent information regarding the contamination incident at NIH in which MA was contaminated with P-32. In addition, she could provide no pertinent information regarding the P-32 contamination of the 5th floor water cooler. She did not drink water from the water cooler that was later determined to be contaminated.

She had no first hand knowledge of the MA contamination incident as she was on vacation in Australia from June 20 to July 31, 1995. She heard a rumor thru [REDACTED] a coworker [REDACTED] that ZHENG and MA were having marital problems. MURTY heard [REDACTED] that either ZHENG or MA were having an affair and that ZHENG and MA were leaving the United States. She knew of no evidence regarding either allegation.

She could provide no further pertinent information.

This interview was reported on August 24, 1995.

Reported by:

  
Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I

Case No. 1-95-033

EXHIBIT 62  
PAGE 1 OF 1 PAGE(S)

# EXHIBIT 63

REPORT OF INTERVIEW  
WITH  
TIMOTHY MYERS

On July 17, 1995, Timothy MYERS, Researcher, was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted at a conference room located at the National Institutes of Health (NIH), National Cancer Institute (NCI), Building #37, Room 5C12, Bethesda, MD. The interview started at approximately 2:38 p.m.; no other persons were present. The purpose of the interview was to obtain general information regarding the 5th floor laboratories of Building 37 at NIH. The interview was also conducted to determine MYERS knowledge of the contamination incident at NIH in which Wenli MA (Maryann) was contaminated with radioactive Phosphorus-32 (P-32). In addition, MYERS was questioned regarding the P-32 contamination of the water cooler on the 5th floor of Building 37. MYERS provided the following information in response to questions.

He resides at [REDACTED] and he has been employed at NIH for approximately four years. His telephone number at work is 301-496-5943. His date of birth is [REDACTED], Social Security Number [REDACTED]. He received his B.A. from MacLaster College, St. Paul, MN, and his Ph.D from the University of Washington. He works in the Laboratory of Molecular Pharmacology (LMP), and his supervisor is John WEINSTEIN. He has worked in WEINSTEIN's laboratory for the last three years.

The 5th floor contains three laboratories: LMP, the Laboratory of Medicinal Chemistry (LMC), and the Laboratory of Biological Chemistry (LBC). All three laboratories combined have about one hundred and twenty employees. The laboratories are further divided and supervised by section chiefs. Weinstein is a section chief.

He was at WEINSTEIN's laboratory on Thursday, June 29, 1995, but was not present during the contamination incident that took place that evening. He has not spoken to ZHENG or MA (husband & wife) since the incident. To his knowledge, there is no animosity within the laboratory, and he does not suspect anyone of deliberately contaminating Dr. MA with P-32. He does not suspect anyone of contaminating, with P-32, the water cooler on the 5th floor of Building 37.

To his knowledge, ZHENG and MA are not competing with anyone within the laboratory. Both ZHENG and MA are very hard workers and, to his knowledge, get along well with their mentor, John WEINSTEIN. He had no knowledgeable of MA's pregnancy until after the contamination incident. He considers both MA and ZHENG friends, and they have attended at least four office social events together. MYERS said that he and his wife have had dinner at ZHENG and MA's apartment, and ZHENG and MA have had dinner at his residence.

To his knowledge, ZHENG and MA have been successful with their research, even though WEINSTEIN is relatively new to the Molecular Biology field. WEINSTEIN has been very generous in the past in providing credit to researchers that have been successful with their research.

MYERS could provide no further pertinent information regarding the contamination incident in which MA was contaminated with P-32. In addition, he could provide no pertinent information regarding the P-32 contamination of the 5th floor water cooler. He does not suspect anyone of the aforementioned contamination incidents. In particular, he does not suspect ZHENG, MA, or WEINSTEIN of the contamination incidents. He does have a key to the conference room door, but does not use the refrigerator to store food. He is willing to voluntarily submit fingerprints.

The interview was terminated approximately 3:05 p.m.

This interview was reported on July 18, 1995.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I

# EXHIBIT 64

REPORT OF INTERVIEW  
WITH  
ANN ORR

On August 8, 1995, Ann ORR, Technician, was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted at a conference room office located at the National Institutes of Health (NIH), National Cancer Institute (NCI), Building 37, Room 5C12, Bethesda, MD. The interview started at approximately 2:30 p.m.; no other persons were present. The purpose of the interview was to obtain general information regarding the 5th floor laboratories of building 37 at NIH. In addition, the interview was conducted to determine ORR's knowledge of the contamination incidents at NIH in which Wenli MA (Maryann) was contaminated with radioactive phosphorus-32 (P-32) and the water cooler, on the 5th floor, being contaminated with P-32. ORR provided the following information in response to questions.

She resides at [REDACTED] and she has been employed at NIH for approximately twenty years. Her telephone number at work is 301-496-5942. Her date of birth is [REDACTED]; her Social Security Number is [REDACTED]. She graduated with a B.S. and M.A. from Cal State University Northridge, Northridge, CA, and in [REDACTED] she received a Ph.D. from American University, Washington, D.C. She works in the Laboratory of Molecular Pharmacology (LMP); her supervisor at NIH is Dr. William BONNER. Her laboratory and office are directory across from Dr. John WEINSTEIN's laboratory.

The 5th floor contains three laboratories: LMC, Laboratory of Molecular Pharmacology (LMP), and the Laboratory of Biological Chemistry (LBC). All three laboratories combined have over one hundred employees. The laboratories are divided into sections. Each section chief supervises from a few employees to over ten employees. The section chief reports to the laboratory chief. BONNER, Vessela IVANOVA and herself work in a section.


At about 3:00 p.m. on Thursday, June 29, 1995, she observed Wenling ZHENG and MA eating together at a table in the hallway just outside their laboratories. She said that this was highly unusual because they never ate together. She described ZHENG and MA as being very immature because they were inseparable. She said they always arrived and departed together, worked together, and when one was working at the laboratory table the other would move closer. She considered them odd. To ORR, MA is a people pleaser, always smiling and "yesing" her way through her work. ORR was told by Mark (LNU) that MA and ZHENG had another child because Mark (LNU) saw ZHENG and MA with a child. ORR said that she is currently on vacation, but will make efforts to identify Mark (LNU) so that he could submit to an OI interview. To date, ORR has not identified Mark (LNU).

ORR said about 4:15 p.m. on June 29th, she ate cookies at the table. She said that she never observed any coffee cup with a centrifuge tube on or near the table. She said about 5:45 p.m. BONNER departed the office and went home. At about 5:50 p.m. the fire department arrived and she observed that one of the fireman was agitated. She did not interfere because she thought an accident occurred and she departed her laboratory about 6:10 p.m. to go home. She said

that about 7:30 p.m., BONNER called her and told her of MA's contamination. She didn't learn that the LMP conference room was contaminated until June 30th; she surveyed her own laboratory on June 30th. To her knowledge ZHENG and MA do not use P-32, but according to ORR it is readily available in the laboratories.

About two months before the contamination incident, MA didn't look very well. She was always vomiting and clearing her throat and spitting in the wastepaper basket or the sink. ORR found her manners revolting and was considering confronting MA about spitting in the wastepaper basket. It was not until later that she learned that MA was pregnant.

ORR said that she really likes her work and has been known to work into the evening hours. She said that ZHENG and MA also were very hard workers but she observed about two and half to three months ago they stopped working late hours. She did not know why they stopped working late hours.



ORR could provide no further pertinent information regarding the contamination incident at NIH in which MA was contaminated with P-32. In addition, she could provide no pertinent information regarding the P-32 contamination of the 5th floor water cooler. She does not drink water from the contaminated water cooler. She does suspect that MA contaminated herself. She does not suspect the contaminations were careless accident.

She does have a key to the LMP conference room, in which contamination was discovered. She is willing to voluntarily submit fingerprints and take a polygraph.

The interview was terminated at approximately 5:30 p.m.




This interview was reported on August 8, 1995.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I



Case No. 1-95-033A

3

EXHIBIT 64  
PAGE 3 OF 3 PAGE(S)

# EXHIBIT 65

REPORT OF INTERVIEW  
WITH  
CHARLES PERRY

On July 26, 1995, Charles PERRY, Summer Researcher, was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted at a conference room office located at the National Institutes of Health (NIH), National Cancer Institute (NCI), Building #37, Room 5C12, Bethesda, MD. The interview started at approximately 11:12 a.m.; no other persons were present. The purpose of the interview was to obtain general information regarding the 5th floor laboratories of Building 37 at NIH. The interview was conducted to determine PERRY's knowledge of the contamination incident at NIH in which Wenli MA (Maryann) was contaminated with radioactive phosphorus-32 (P-32). In addition, PERRY was questioned regarding the P-32 contamination of the water cooler on the 5th floor of Building 37. PERRY provided the following information in response to questions.

He resides at [REDACTED] and he has been employed as a teacher for about twenty-one years by District of Columbia School District, Washington, DC. He is a summer researcher and has worked at NIH for the last three summers. Each summer he has worked for different laboratories at NIH. His current telephone number at NIH is 301-496-9572. His date of birth is [REDACTED] Social Security Number [REDACTED]. He received his B.S. and M.S. from Howard University, Washington, D.C., and he is a biology teacher at McKinley High School, 2nd & T Streets, N.E Washington, D.C.

He works in the Laboratory of Molecular Pharmacology and is supervised by John WEINSTEIN. He normally works from 9 a.m. to 4:00 p.m., and he was not at the laboratory the evening Dr. MA was discovered to be contaminated with P-32.

He said that he normally reads, for about two to three hours, documents and periodicals at a table outside WEINSTEIN's laboratory before starting his laboratory assignments. He said that he observed a white or beige coffee cup, with an orange cap vile (centrifuge tube), sitting on the table at least a week before the MA contamination incident. The table top also had a dish and some eating utensils. Since eating in the laboratories is prohibited, some personnel will leave soda cans outside the laboratories in the hallway. The table is, on occasion, used by the employees as a lunch table. On occasion, he has eaten cookies or mints at the table, but he normally does not eat his lunch at the table. He never touched the orange capped vile, but stated the coffee cup had a residue of a coffee stain in the bottom of the cup. He does not recall if the vile contained any liquid or substance because he never touched the vile.

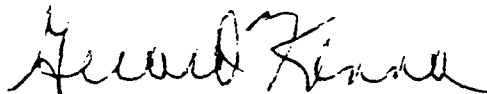
PERRY could provide no further pertinent information regarding the contamination incident in which MA was contaminated with P-32. He said he was having a casual conversation with the Health Physicist (HP) at the water cooler in question when the HP discovered the water cooler was contaminated. He does not suspect anyone of the aforementioned contamination incidents. He is willing to voluntarily submit to fingerprinting and a polygraph. He could provide no further pertinent information regarding the contamination, with

P-32, of the 5th floor water cooler.

The interview concluded at about 11:40 a.m.

This interview was reported on July 27, 1995.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I

# EXHIBIT 66

REPORT OF INTERVIEW  
WITH  
YVES POMMIER

On July 17, 1995, Yves POMMIER, Section Chief, was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted at POMMIER's office located at the National Institutes of Health (NIH), National Cancer Institute (NCI), Building 37, Room 5D27, Bethesda, MD. The interview started at approximately 10:03 a.m.; no other persons were present. The purpose of the interview was to obtain general information regarding the 5th floor laboratories of Building 37 at NIH. In addition, the interview was conducted to determine POMMIER's knowledge of the contamination incident at NIH in which Wenli MA (Maryann) was contaminated with phosphorus-32 (P-32). POMMIER was also interviewed regarding his knowledge of the P-32 contamination of the water cooler on the 5th floor of Building 37. POMMIER provided the following information in response to questions.

He resides at [REDACTED] and he has been employed at NIH for approximately fourteen years. His telephone number at work is 301-496-5944. His date of birth is [REDACTED] Social Security Number [REDACTED]. He received his M.D. and Ph.D. from the University of Paris, Paris, France. He works in the Laboratory of Molecular Pharmacology (LMP); his supervisor is Dr. Kurt KOHN. The LMP has six section chiefs, including Dr. Patrick O'CONNOR, Dr. William BONNER, Dr. John WEINSTEIN, Dr. Albert FORANCE, Dr. Ernest AMEL, and himself. Each section chief supervises from a few employees to over ten employees.

The 5th floor of Building 37 contains three laboratories; LMP, the Laboratory of Medicinal Chemistry, and the Laboratory of Biological Chemistry. All three laboratories combined have about one hundred and twenty employees, with approximately sixty people working in the LMP. He supervises about twelve employees. His laboratory has their own refrigerator containing P-32. He claimed that someone is always in the laboratory, and that no outsider could possibly obtain nuclear material from his refrigerator without being noticed. He said that no nuclear material is missing from his laboratory. In his laboratory the researchers that use P-32 are Akira FUJIMORI, Yuko FUJIMORI, Malini GUPTA, Glenda KOHLHAGAN, Abhijit MAZUMDER, Nouri NEAMATI, and Corinne PONDARRE. Yuko FUJIMORI uses carbon-14 (C-14). Marzia GARIBOLDI, Rong-Gang SHAO, and Tsonehiro SHIMIZU do not use radioactive material in their work assignments.

POMMIER could provide no pertinent information regarding the contamination incident at NIH in which MA was contaminated with P-32. In addition, he could provide no pertinent information regarding the contamination of the 5th floor water cooler with P-32. He does not suspect anyone of the aforementioned contamination incidents. He does have a key to the LMP conference room door and is willing to voluntarily submit fingerprints.

The interview was terminated at approximately 10:24 a.m.

This interview was reported on July 18, 1995.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I

# EXHIBIT 67



INTERVIEW REPORT  
OF  
CORINNE PONDARIE

On October 24, 1995, Corinne PONDARIE, Guest Research Fellow, at the National Institutes of Health (NIH), was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted at Building 37, room 5C12, located at the NIH, National Cancer Institute (NCI), Bethesda, MD. The interview started at approximately 10:01 a.m. and no other persons were present. The purpose of the interview was to obtain general information regarding the 5th floor laboratories of Building 37 at the NIH. The interview was also conducted to determine PONDARIE's knowledge of the contamination incident at NIH in which Wenli MA was contaminated with phosphorus-32 (P-32). PONDARIE was questioned regarding the P-32 and phosphorus-33 (P-33) contamination of the water cooler on the 5th floor of Building 37. She was also questioned regarding the receipt of items 95014773, dated April 25, 1995, and 95011185, dated April 26, 1995. PONDARIE provided the following information in response to questions:

She resides at [REDACTED] and she has been employed at NIH for about one year. Her work telephone number is 301-496-4459. Her date of birth is [REDACTED] and she could not recall her Social Security Number. She received a M.D. degree in [REDACTED] from the University of Lyon, Lyon, France. She is relocating to [REDACTED] on October 27, 1995.

The 5th floor of Building 37, contains three laboratories: the Laboratory of Medicinal Chemistry, the Laboratory of Molecular Pharmacology (LMP), and the Laboratory of Biological Chemistry (LBC). While working in Building 37, PONDARIE worked in the LMP and her supervisor was Yves POMMIER.

PONDARIE could provide no pertinent information regarding the contamination incident at NIH in which MA was contaminated with P-32. She was working in her laboratory when the MA contamination was discovered, but departed the building when the emergency service personnel retrieved a gurney from the ambulance. She could not recall the time. In addition, she could provide no pertinent information regarding the contamination with P-32 and P-33 of the 5th floor water cooler. She did drink water from the cooler. She submitted a urine sample and no contamination was detected. In passing, she said that she was on vacation from July 8, 1995 to July 17, 1995.

INVESTIGATOR'S NOTE: The 5th floor water cooler was discovered contaminated on July 14, 1995.

She identified her signature on the attached Delivery Route Sheets. Although the delivery was intended for William BONNER's laboratory, no one was available from BONNER's laboratory to sign for the delivery. It is customary for other personnel to sign for delivery of radioactive material when personnel from a particular laboratory are not available. She did not lend any P-32 to Wenling ZHENG, John WEINSTEIN or MA. There is no missing radioactive material from her inventory.

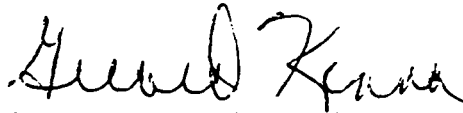
She is willing to voluntarily submit fingerprints and to submit to a polygraph

examination.

The interview was terminated at approximately 10:30 a.m.

This interview was reported on October 28, 1995.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I

Attachment:  
As stated



|                       |           |                 |          |         |          |
|-----------------------|-----------|-----------------|----------|---------|----------|
| 02 ORDER NO NO CHARGE | BLANKET N | 05 ARRIVED      | 04/26/95 | CHECKED | 04/26/95 |
| 03 USER ID 001272     | BONNER    | 06 CONTAMINATED | N        |         |          |
| 04 STORED N           | LOCATION  | 07 DELIVERED    | 04/27/95 | TO:     | 37 5D 19 |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
DATP09 CATALOG NUM  
NEG012Z

ACTUAL

10 NUCLIDE P - 32 11 ACTIVITY 1.000 12 SUPPLIER NEN

MODE:F ACTION:

## PACKAGE USERS

| USER-ID   | LAST NAME, | FIRST   | STATUS | AUTH | BWRLCN | USER MENU |
|-----------|------------|---------|--------|------|--------|-----------|
| 01 001272 | BONNER     | WILLIAM | A      | Y    | YNNNNN | 07        |
| 02 010439 | ORR        | ANN     | A      | N    | YNNNNN | 08        |
| 03        |            |         |        |      |        | 09        |
| 04        |            |         |        |      |        | 10        |
| 05        |            |         |        |      |        | 11        |
| 06        |            |         |        |      |        | 12        |

Can't change the specified field(s).

MODE:F ACTION:17

## ARCHIVED MATERIAL

01 ITEM NO 95011185

|                       |           |                 |          |         |          |
|-----------------------|-----------|-----------------|----------|---------|----------|
| 02 ORDER NO NO CHARGE | BLANKET N | 05 ARRIVED      | 04/26/95 | CHECKED | 04/26/95 |
| 03 USER ID 001272     |           | 06 CONTAMINATED | N        |         |          |
| 04 STORED N           | LOCATION  | 07 DELIVERED    | 04/27/95 | TO:     | 37 5D 19 |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
DATP09 CATALOG NUM  
NEG012Z

ACTUAL

10 NUCLIDE P - 32 11 ACTIVITY 1.000 12 SUPPLIER NEN

MODE:F ACTION:

## LAB DELIVERIES

AMOUNT IN STORAGE

0.000

| AMOUNT   | DATE     | LOCATION | AMOUNT | DATE | LOCATION |
|----------|----------|----------|--------|------|----------|
| 01 1.000 | 04/27/95 | 37 5D 19 | 07     |      |          |
| 02       |          |          | 08     |      |          |
| 03       |          |          | 09     |      |          |
| 04       |          |          | 10     |      |          |
| 05       |          |          | 11     |      |          |
| 06       |          |          | 12     |      |          |

MODE:F ACTION:14

ARCHIVED MATERIAL

01 ITEM NO 95014773

|                          |           |                       |                  |
|--------------------------|-----------|-----------------------|------------------|
| 02 ORDER NO NEF16460     | BLANKET N | 05 ARRIVED 04/25/95   | CHECKED 04/25/95 |
| 03 USER ID 001272 BONNER |           | 06 CONTAMINATED N     |                  |
| 04 STORED N LOCATION     |           | 07 DELIVERED 04/27/95 | TO: 37 5D 19     |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
DATP

09 CATALOG NUM  
NEG012Z

ACTUAL

10 NUCLIDE P - 32      11 ACTIVITY      1.000 12 SUPPLIER NEN

MODE:F ACTION:

## PACKAGE USERS

|    | USER-ID LAST NAME, | FIRST   | STATUS | AUTH | BWRLCN | USER MENU |
|----|--------------------|---------|--------|------|--------|-----------|
| 01 | 001272 BONNER      | WILLIAM | A      | Y    | YNNNNN | 07        |
| 02 | 010439 ORR         | ANN     | A      | N    | YNNNNN | 08        |
| 03 |                    |         |        |      |        | 09        |
| 04 |                    |         |        |      |        | 10        |
| 05 |                    |         |        |      |        | 11        |
| 06 |                    |         |        |      |        | 12        |

Can't change the specified field(s).

MODE:F ACTION:17

ARCHIVED MATERIAL

01 ITEM NO 95014773

|                      |           |                       |                  |
|----------------------|-----------|-----------------------|------------------|
| 02 ORDER NO NEF16460 | BLANKET N | 05 ARRIVED 04/25/95   | CHECKED 04/25/95 |
| 03 USER ID 001272    |           | 06 CONTAMINATED N     |                  |
| 04 STORED N LOCATION |           | 07 DELIVERED 04/27/95 | TO: 37 5D 19     |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
DATP

09 CATALOG NUM  
NEG012Z

ACTUAL

10 NUCLIDE P - 32      11 ACTIVITY      1.000 12 SUPPLIER NEN

MODE:F ACTION:

## LAB DELIVERIES

AMOUNT IN STORAGE

0.000

|    | AMOUNT | DATE     | LOCATION |    | AMOUNT | DATE | LOCATION |
|----|--------|----------|----------|----|--------|------|----------|
| 01 | 1.000  | 04/27/95 | 37 5D 19 | 07 |        |      |          |
| 02 |        |          |          | 08 |        |      |          |
| 03 |        |          |          | 09 |        |      |          |
| 04 |        |          |          | 10 |        |      |          |
| 05 |        |          |          | 11 |        |      |          |
| 06 |        |          |          | 12 |        |      |          |

04/27/95  
7:46

DELIVERY ROUTE SHEET

(PW)

PAGE 1

| me | Item Num | Authorized User | PO Num | Address | Printed Name & Signature |
|----|----------|-----------------|--------|---------|--------------------------|
|----|----------|-----------------|--------|---------|--------------------------|

|  |          |          |          |         |  |
|--|----------|----------|----------|---------|--|
|  | 95014822 | ANGUS, W | NDV19132 | 28 D106 |  |
|--|----------|----------|----------|---------|--|

|          |        |          |      |     |  |
|----------|--------|----------|------|-----|--|
| 91035237 | LIN, C | TRANSFER | FDAB | 111 |  |
| 91035237 | LIN, C | TRANSFER | FDAB | 111 |  |
| 91035237 | LIN, C | TRANSFER | FDAB | 111 |  |

|          |           |          |     |     |  |
|----------|-----------|----------|-----|-----|--|
| 95014577 | WESTON, M | NCU45854 | TB2 | 207 |  |
| 95014577 | WESTON, M | NCU45854 | TB2 | 207 |  |

|          |          |          |   |     |  |
|----------|----------|----------|---|-----|--|
| 95013646 | JEANG, K | NCG25135 | 4 | 303 |  |
| 95013645 | JEANG, K | NCG25135 | 4 | 303 |  |

|          |        |          |     |     |  |
|----------|--------|----------|-----|-----|--|
| 95014553 | LIU, S | NIY40152 | 18T | 101 |  |
|----------|--------|----------|-----|-----|--|

|          |           |          |    |       |  |
|----------|-----------|----------|----|-------|--|
| 95014773 | BONNER, W | NEF16460 | 37 | 5D 19 |  |
|----------|-----------|----------|----|-------|--|

|          |           |           |    |       |  |
|----------|-----------|-----------|----|-------|--|
| 95011185 | BONNER, W | NO CHARGE | 37 | 5D 19 |  |
|----------|-----------|-----------|----|-------|--|

|          |          |          |    |       |  |
|----------|----------|----------|----|-------|--|
| 95014840 | SEGAL, D | MQ514418 | 10 | 3N109 |  |
|----------|----------|----------|----|-------|--|

|          |              |          |    |       |  |
|----------|--------------|----------|----|-------|--|
| 95013811 | BERZOFSKY, J | MQ514660 | 10 | 6B 12 |  |
|----------|--------------|----------|----|-------|--|

# EXHIBIT 68

INTERVIEW REPORT  
OF  
PAUL RANDAZZO

On September 19, 1995, Paul RANDAZZO, Senior Staff Fellow at the National Institutes of Health (NIH), was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted in RANDAZZO's laboratory located at the NIH, National Cancer Institute, 5th Floor, Building 37, Bethesda, MD. No other persons were present during the interview. The purpose of the interview was to obtain general information regarding the 5th floor laboratories in Building 37 at the NIH. The interview was also conducted to determine RANDAZZO's knowledge of the contamination incident at NIH in which Wenli MA was contaminated with phosphorus-32 (P-32). RANDAZZO was questioned regarding the P-32 and phosphorus-33 (P-33) contamination of the water cooler on the 5th floor of Building 37. He was also questioned regarding the delivery of item 95017803, dated June 7, 1995, and item 95016013, dated May 12, 1995. RANDAZZO provided the following information in response to questions:

RANDAZZO resides at [REDACTED] and he has been employed at NIH since 1990. His work telephone number is 301-496-3788. His date of birth is [REDACTED], and his Social Security Number is [REDACTED]. He received a M.A. degree in [REDACTED] and a Ph.D. degree in [REDACTED] in Physical Chemistry from Brown University.

The 5th floor of Building 37, contains three laboratories; the Laboratory of Medicinal Chemistry: the Laboratory of Molecular Pharmacology, and the Laboratory of Biological Chemistry (LBC). All three laboratories have about one hundred and twenty employees. He works in the LBC and his supervisor is Al FORNACE.

RANDAZZO could provide no pertinent information regarding the contamination incident at NIH in which MA was contaminated with P-32. In addition, he could provide no pertinent information regarding the contamination with P-32 and P-33 of the 5th floor water cooler. He did not drink water from the water cooler.

RANDAZZO identified his signature on the delivery documents (items 95017803 and 95016013 attached). He said it was routine for anyone in the laboratory to sign for radioactive material when it was delivered from the NIH Radiation Safety Department. He maintained his radioactive material in a refrigerator. He was aware that some radioactive material was borrowed from other laboratories, but he never lent any radioactive material to John WEINSTEIN, Wenling ZHENG, or MA. The laboratory logs, regarding the receipt and usage of P-32 within the laboratory are not accurate and there is no missing radioactive material from his inventory.

RANDAZZO said the MA contamination is similar to an incident that occurred in 1980 or early 1981 prior to his arrival at Brown University. A researcher, Lynn HUDSON, the wife of his friend Tom HUDSON was contaminated with P-32. He met the HUDSON's after he arrived at Brown University. [REDACTED]

[REDACTED] He said that Lynn HUDSON works at NIH in Building 36.

He is willing to voluntarily submit fingerprints, and would submit to a polygraph examination.

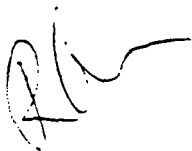
This interview was reported on September 20, 1995.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I

Attachment:  
As stated





|                        |           |                   |          |         |          |
|------------------------|-----------|-------------------|----------|---------|----------|
| 02 ORDER NO NEF14185   | BLANKET N | 05 ARRIVED        | 06/07/95 | CHECKED | 06/07/95 |
| 03 USER ID 012656 KAHN |           | 06 CONTAMINATED N | HUMAN    | N       |          |
| 04 STORED N LOCATION   |           | 07 DELIVERED      | 06/08/95 | TO:     | 37 5A 05 |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION

09 CATALOG NUM

GUANOSINE TRIPHOSPHATE SALT

BLU006H

ACTUAL

10 NUCLIDE P - 32 11 ACTIVITY 1.000 12 SUPPLIER NEN

MODE:F ACTION:

## PACKAGE USERS

|    | USER-ID | LAST NAME, | FIRST     | STATUS | AUTH | BWRLCN | USER MENU |
|----|---------|------------|-----------|--------|------|--------|-----------|
| 01 | 029595  | SHARER     | J. DANIEL | A      | N    | YNYNNN | 07        |
| 02 | 021150  | RANDAZZO   | PAUL      | A      | N    | YNYNN  | 08        |
| 03 | 021867  | STURCH     | STACEY    | A      | N    | YNYNN  | 09        |
| 04 |         |            |           |        |      |        | 10        |
| 05 |         |            |           |        |      |        | 11        |
| 06 |         |            |           |        |      |        | 12        |

Can't change the specified field(s).

MODE:F ACTION:17

## RADIO ACTIVE MATERIAL

01 ITEM NO 95017803

|                        |           |                   |          |         |          |
|------------------------|-----------|-------------------|----------|---------|----------|
| 02 ORDER NO NEF14185   | BLANKET N | 05 ARRIVED        | 06/07/95 | CHECKED | 06/07/95 |
| 03 USER ID 012656 KAHN |           | 06 CONTAMINATED N | HUMAN    | N       |          |
| 04 STORED N LOCATION   |           | 07 DELIVERED      | 06/08/95 | TO:     | 37 5A 05 |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION

09 CATALOG NUM

GUANOSINE TRIPHOSPHATE SALT

BLU006H

ACTUAL

10 NUCLIDE P - 32 11 ACTIVITY 1.000 12 SUPPLIER NEN

MODE:F ACTION:

## LAB DELIVERIES

AMOUNT IN STORAGE

0.000

|    | AMOUNT | DATE     | LOCATION | CONFIRMATION |
|----|--------|----------|----------|--------------|
| 01 | 1.000  | 06/08/95 | 37 5A 05 | 07           |
| 02 |        |          |          | 08           |
| 03 |        |          |          | 09           |
| 04 |        |          |          | 10           |
| 05 |        |          |          | 11           |
| 06 |        |          |          | 12           |

06/08/95  
12:26

DELIVERY ROUTE SHEET

PAGE 1

T e Item Num Authorized User PO Num Address Printed Name & Signature

95100987 NORMAN, B  
95100988 NORMAN, B

NGV28448  
NGV28448

6 208  
6 208

C. S. A. X

95100984 STONIK, J

NJY11015

10 5N103

STONIK

95100992 GALLO, V

NUU24762

49 5B67

S. Scherer

95017839 IDLER, W

NEG57372

6 136

J. Andreoli

95017844 COMPTON, J

NEG57436

6 136

J. Andreoli

95016846 NOSSAL, N

NJA86358

8 2A 19

Nancy Nossal

95017840 KLEE, W

NFS62404

36 1B 08

Zaida Zaidi

95017801 WANG, H

NFS62416

36 3D 06

Annette Kuo

95017830 EVA, A

NO CHARGE

37 1C 05

Xiao Hong Chen

95017807 MUSHINSKI, F

NDP37337

37 2B 24

S. S. S.

95017806 MUSHINSKI, F

NDP37337

37 2B 24

S. S. S.

95017809 KAHN, R

NEF14185

37 5A 05

Pal R. A.

95017803 KAHN, R

NEF14185

37 5A 05

P. RANDAZZO

95017841 BREITMAN, T

NEF14201

37 5C 13

T. A. M.

95017832 BREITMAN, T

NEF14201

37 5C 13

T. A. M.

95100944 MUKHERJEE, A

NGLO1158

10 10N314

Hungwen Chen

95100978 GAHL, W

NGLO1070

10 10N318

Hungwen Chen

95100979 GAHL, W

NGLO1070

10 10N318

Hungwen Chen

95017799 CHOU, J

N01HD53222

10 10N321

Hungwen Chen

EXHIBIT

68

PAGE 4 OF 6 PAGE(S)

|                        |           |                       |                  |
|------------------------|-----------|-----------------------|------------------|
| 02 ORDER NO NEF20026   | BLANKET N | 05 ARRIVED 05/12/95   | CHECKED 05/12/95 |
| 03 USER ID 012656 KAHN |           | 06 CONTAMINATED N     |                  |
| 04 STORED N LOCATION   |           | 07 DELIVERED 05/12/95 | TO: 37 5A 05     |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
GTP

09 CATALOG NUM  
BLU006H

## ACTUAL

10 NUCLIDE P - 32      11 ACTIVITY      1.000 12 SUPPLIER NEN

MODE:F ACTION:

## PACKAGE USERS

| USER-ID   | LAST NAME, | FIRST     | STATUS | AUTH | BWRLCN | USER MENU |
|-----------|------------|-----------|--------|------|--------|-----------|
| 01 029595 | SHARER     | J. DANIEL | A      | N    | YNYNNN | 07        |
| 02 021150 | RANDAZZO   | PAUL      | A      | N    | YNYNN  | 08        |
| 03 021867 | STURCH     | STACEY    | A      | N    | YNYNN  | 09        |
| 04        |            |           |        |      |        | 10        |
| 05        |            |           |        |      |        | 11        |
| 06        |            |           |        |      |        | 12        |

Can't change the specified field(s).

MODE:F ACTION:17

## ARCHIVED MATERIAL

01 ITEM NO 95016013

|                      |           |                       |                  |
|----------------------|-----------|-----------------------|------------------|
| 02 ORDER NO NEF20026 | BLANKET N | 05 ARRIVED 05/12/95   | CHECKED 05/12/95 |
| 03 USER ID 012656    |           | 06 CONTAMINATED N     |                  |
| 04 STORED N LOCATION |           | 07 DELIVERED 05/12/95 | TO: 37 5A 05     |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
GTP

09 CATALOG NUM  
BLU006H

## ACTUAL

10 NUCLIDE P - 32      11 ACTIVITY      1.000 12 SUPPLIER NEN

MODE:F ACTION:

## LAB DELIVERIES

AMOUNT IN STORAGE

0.000

| AMOUNT   | DATE     | LOCATION | AMOUNT | DATE | LOCATION |
|----------|----------|----------|--------|------|----------|
| 01 1.000 | 05/12/95 | 37 5A 05 | 07     |      |          |
| 02       |          |          | 08     |      |          |
| 03       |          |          | 09     |      |          |
| 04       |          |          | 10     |      |          |
| 05       |          |          | 11     |      |          |
| 06       |          |          | 12     |      |          |

05/12/95  
12:56

DELIVERY ROUTE SHEET

PAGE 3

Item Num Authorized User PO Num Address Printed Name & Signature

|     |          |                   |            |   |           |                                 |
|-----|----------|-------------------|------------|---|-----------|---------------------------------|
| 249 | 95016034 | TORRENCE, P       | NJM51511   | X | 8 B2A 02  | Black Myr                       |
| 237 | 95015988 | WOERNER, A        | 001189C168 | X | 29A 3B 05 | Playa<br>Jury P. Weir<br>WEIR   |
| 230 | 95015952 | WAHL, S           | NUY04482   | X | 30 326    | Francis<br>FRANCIS              |
| 228 | 95015966 | YAMADA, K         | NGP73844   | X | 30 408    | R. Lafrance<br>R. Lafrance      |
| 207 | 95015576 | YAMADA, Y         | MD508564   | X | 30 413    | Betty Moulis<br>B. Moulis       |
| 202 | 95015973 | EIDEN, L          | NFS67118   | X | 36 3A 17  | Betty Moulis<br>B. Moulis       |
| 201 | 95015821 | KAUFMAN, S        | NFS61787   | X | 36 3D 30  | G. Johnson<br>G. Johnson        |
| 7   | 95015571 | MUSHINSKI, F      | MQ502466   | X | 37 2B 24  | K. Hopp<br>K. Hopp              |
| 153 | 95016011 | CHENG, S          | NDC19050   | X | 37 2D 27  | Chialin Yu<br>Chialin Yu        |
| 141 | 95015043 | ALAMO, I          | MQ511948   | X | 37 5C 01  | J. Alamo<br>J. Alamo            |
| 143 | 95016013 | KAHN, R           | NEF20026   | X | 37 5A 05  | P. R. RANDELL<br>P. R. RANDELL  |
| 142 | 95016012 | SAUSVILLE, E      | NEF20038   | X | 37 5B 16  | William Reinhold<br>W. Reinhold |
|     | 95016015 | SAUSVILLE, E      | NEF20038   | X | 37 5B 16  |                                 |
|     | 95015560 | GOLD, P           | NFF86272   |   | 10 2D 50  |                                 |
|     | 95014993 | STETLER-STEVENSON | MQ504610   |   | 10 2N109  |                                 |
|     | 95015526 | RAFFELD, M        | MQ507756   |   | 10 2N109  |                                 |
|     | 95015972 | TOLLIVER, T       | NFF89290   |   | 10 3D 41  |                                 |
|     | 95015006 | JACOBOWITZ, D     | MD523653   |   | 10 3D 48  | EXHIBIT 108                     |
|     | 95015835 | ANGUS, W          | NDV06212   |   | 10 4D 09  | PAGE 12 OF 12 PAGE(S)           |

# EXHIBIT 69

INTERVIEW REPORT  
OF  
EDUARDO SAINZ

On October 18, 1995, Eduardo SAINZ, Chemist, at the National Institutes of Health (NIH), was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted at an office located at the NIH, Laboratory of Neurochemistry, National Institute of Deafness & Communication Disorders (NIDCD), Rockville, MD. The interview started at approximately 2:08 p.m. and no other persons were present. The purpose of the interview was to obtain general information regarding the 5th floor laboratories of Building 37 at the NIH. The interview was also conducted to determine SAINZ's knowledge of the contamination incident at NIH in which Wenli MA was contaminated with phosphorus-32 (P-32). SAINZ was questioned regarding the P-32 and phosphorus-33 (P-33) contamination of the water cooler on the 5th floor of Building 37. He was also questioned regarding the receipt of items 95016748, dated May 22, 1995, and 95017061, dated May 26, 1995. SAINZ provided the following information in response to questions:

He resides at [REDACTED] and has been employed at NIH since 1990. His work telephone number is 301-594-0219. His date of birth is [REDACTED] and his Social Security Number is [REDACTED]. He received a M.S. degree in Biochemistry from the University of Maryland, and his undergraduate degree in [REDACTED] from the University of Cordoba, Cordoba, Argentina.

The 5th floor of Building 37, contains three laboratories: the Laboratory of Medicinal Chemistry, the Laboratory of Molecular Pharmacology, and the Laboratory of Biological Chemistry (LBC). While working in Building 37, SAINZ worked in James BATTEY's group in the LBC. BATTEY's group transferred, in June 1995, to NIDCD in Rockville, MD.

SAINZ could provide no pertinent information regarding the contamination incident at NIH in which MA was contaminated with P-32. He was working in his Rockville, MD, office when the MA contamination was discovered. In addition, he could provide no pertinent information regarding the contamination with P-32 and P-33 of the 5th floor water cooler. Although he did not drink from the water cooler that was later determined to be contaminated, his daughter did drink a cup of water on July 8, 1995. He said that his daughter submitted a urine sample which was later determined not to be contaminated. In passing, he said he was on vacation from July 8, 1995 to July 16, 1995.

INVESTIGATOR'S NOTE: The water cooler was discovered contaminated on July 14, 1995.

SAINZ identified his signature on the attached Delivery Route Sheets. He said it was routine for anyone in the laboratory to sign for radioactive material when it was delivered. He formally maintained his radioactive material in room 5D14. He did lend P-32 to Gurmeet KAUR in Building 37, but never lent any radioactive material to MA, Wenling ZHENG, or John WEINSTEIN. To his knowledge, logs that are maintained for receipt and disposal of radioactive material are accurate. There is no missing radioactive material from his

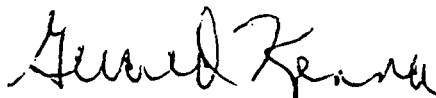
inventory.

SAINZ is willing to voluntarily submit fingerprints, but would not volunteer to submit to a polygraph examination.

The interview was terminated at approximately 2:40 p.m.

This interview was reported on October 20, 1995.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I

Attachment:  
As stated



02 ORDER NO NEF14888 BLANKET N 05 ARRIVED 05/22/95 CHECKED 05/22/95  
03 USER ID 007728 BATTEY 06 CONTAMINATED N  
04 STORED N LOCATION 07 DELIVERED 05/23/95 TO: 37 5D 12

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION 09 CATALOG NUM  
PHOSPHORUS-32 H3PO4 IN H2O 64014

ACTUAL

10 NUCLIDE P - 32 11 ACTIVITY 10.000 12 SUPPLIER ICN

MODE:F ACTION:

## PACKAGE USERS

|    | USER-ID LAST NAME, | FIRST   | STATUS | AUTH | BWRLCN | USER MENU |
|----|--------------------|---------|--------|------|--------|-----------|
| 01 | 026896 KROOG       | GLENN   | A      | N    | YNYNNN | 07        |
| 02 | 018653 SAINZ       | EDUARDO | A      | N    | YNYNNN | 08        |
| 03 |                    |         |        |      |        | 09        |
| 04 |                    |         |        |      |        | 10        |
| 05 |                    |         |        |      |        | 11        |
| 06 |                    |         |        |      |        | 12        |

Can't change the specified field(s).

MODE:F ACTION:17

## ARCHIVED MATERIAL

01 ITEM NO 95016748

02 ORDER NO NEF14888 BLANKET N 05 ARRIVED 05/22/95 CHECKED 05/22/95  
03 USER ID 007728 06 CONTAMINATED N  
04 STORED N LOCATION 07 DELIVERED 05/23/95 TO: 37 5D 12

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION 09 CATALOG NUM  
PHOSPHORUS-32 H3PO4 IN H2O 64014

ACTUAL

09 NUCLIDE P - 32 11 ACTIVITY 10.000 12 SUPPLIER ICN

MODE:F ACTION:

## LAB DELIVERIES

AMOUNT IN STORAGE

0.000

|    | AMOUNT | DATE     | LOCATION |    | AMOUNT | DATE | LOCATION |
|----|--------|----------|----------|----|--------|------|----------|
| 01 | 10.000 | 05/23/95 | 37 5D 12 | 07 |        |      |          |
| 02 |        |          |          | 08 |        |      |          |
| 03 |        |          |          | 09 |        |      |          |
| 04 |        |          |          | 10 |        |      |          |
| 05 |        |          |          | 11 |        |      |          |
| 06 |        |          |          | 12 |        |      |          |



05/23/95  
12:43

DELIVERY ROUTE SHEET

PAGE 2

| Time | Item Num                                   | Authorized User                                  | PO Num                                     | Address                                    | Printed Name & Signature           |
|------|--|--|--|--|------------------------------------|
| 4:20 | 95016556                                   | EIDEN, L <i>(ew)</i>                             | NFS66911 <i>(12)</i>                       | 36 3A 17                                   | Betty Moulis<br>B. Moulis          |
|      | 95016766                                   | BERGER, S  | NPL23633                                   | 37 B109                                    |                                    |
|      | 95016759                                   | SNYDERWINE, E                                    | NTF64770                                   | 37 3C 13                                   |                                    |
| 4:12 | 95016765                                   | SILVERMAN, J                                     | NTF64807                                   | 37 3C 25                                   | F. Williams                        |
|      | 95016732                                   | PATERSON, B                                      | NPL21322                                   | 37 4A 21                                   |                                    |
| 4:04 | 95016470                                   | ALAMO, I   | NEF12056                                   | 37 5C 01                                   | I Alamo<br>Jan Alamo               |
| 4:06 | 95016748                                   | BATTEY, J  | NEF14888                                   | 37 5D 12                                   | E SAINZ<br>E. SAINZ                |
|      | 95016535                                   | POST, R  | NFF85668                                   | 10 3C211                                   |                                    |
|      | 95016534                                   | POST, R  | NFF85668                                   | 10 3C211                                   |                                    |
| 1:45 | 95015775                                   | HODES, R   | MQ505786                                   | 10 4B 10                                   | K. Hodes                           |
| 1:47 | 95016396                                   | TING, C  | NDP33433                                   | 10 4B 49                                   | Shengming Hui                      |
| 1:50 | <del>95016507</del><br><del>95016805</del> | <del>WALDMANN, T</del><br><del>WALDMANN, T</del> | <del>NUF95550</del><br><del>NUF95550</del> | <del>10 4N102</del><br><del>10 4N102</del> | <del>Nazki Azimi</del><br>Dale Aki |
| 1:49 | 95016537                                   | WALDMANN, T                                      | NUF95535                                   | 10 4N109                                   | H. Burton Burk                     |
| 1:43 | 95016745                                   | SINGER, D  | NDK55948                                   | 10 5B 09                                   | Susan Kishner<br>Chand. Kushner    |
|      | 95016751                                   | ZEICHNER, S                                      | NIY34178                                   | 10 5A 21                                   |                                    |
| 1:26 | 95016767                                   | CHANDRASEKARAN, <i>DANGERFIELD</i>               | NST11086                                   | 10 6C103                                   | E. Sengio                          |
| 1:33 | 95016518                                   | WEINTRAUB, B                                     | NVV83817                                   | 10 8D 04                                   | Vasinger                           |
| 1:19 | 95016499                                   | LESNIAK, M                                       | NUW60457                                   | 10 8N234                                   | Carol Haft<br>C. Haft              |
|      | 95015858                                   | COHEN, J   | NCD08022                                   | 10 11N214                                  | EXHIBIT 69<br>PAGE 7 OF 7 PAGE(S)  |

|                      |           |                   |          |         |          |
|----------------------|-----------|-------------------|----------|---------|----------|
| 02 ORDER NO NEF14564 | BLANKET N | 05 ARRIVED        | 05/26/95 | CHECKED | 05/26/95 |
| 03 USER ID 007728    | BATTEY    | 06 CONTAMINATED N | HUMAN    | N       |          |
| 04 STORED N          | LOCATION  | 07 DELIVERED      | 05/30/95 | TO:     | 37 5E 26 |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
ATP GAMMA-32P09 CATALOG NUM  
BLU502A

ACTUAL

10 NUCLIDE P - 32 11 ACTIVITY 1.000 12 SUPPLIER NEN

MODE:F ACTION:

## PACKAGE USERS

| USER-ID   | LAST NAME, | FIRST | STATUS | AUTH | BWRLCN | USER MENU |
|-----------|------------|-------|--------|------|--------|-----------|
| 01 009902 | HAMPTON    | LORI  | A      | N    | YNNNNN | 07        |
| 02        |            |       |        |      |        | 08        |
| 03        |            |       |        |      |        | 09        |
| 04        |            |       |        |      |        | 10        |
| 05        |            |       |        |      |        | 11        |
| 06        |            |       |        |      |        | 12        |

Can't change the specified field(s).

MODE:F ACTION:17

## RADIO ACTIVE MATERIAL

01 ITEM NO 95017061

|                      |           |                   |          |         |          |
|----------------------|-----------|-------------------|----------|---------|----------|
| 02 ORDER NO NEF14564 | BLANKET N | 05 ARRIVED        | 05/26/95 | CHECKED | 05/26/95 |
| 03 USER ID 007728    | BATTEY    | 06 CONTAMINATED N | HUMAN    | N       |          |
| 04 STORED N          | LOCATION  | 07 DELIVERED      | 05/30/95 | TO:     | 37 5E 26 |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
ATP GAMMA-32P09 CATALOG NUM  
BLU502A

ACTUAL

10 NUCLIDE P - 32 11 ACTIVITY 1.000 12 SUPPLIER NEN

MODE:F ACTION:

## LAB DELIVERIES

AMOUNT IN STORAGE

0.000

| AMOUNT   | DATE     | LOCATION | CONFIRMATION |
|----------|----------|----------|--------------|
| 01 1.000 | 05/30/95 | 37 5E 26 | 07           |
| 02       |          |          | 08           |
| 03       |          |          | 09           |
| 04       |          |          | 10           |
| 05       |          |          | 11           |
| 06       |          |          | 12           |

MODE:F ACTION:14

RADIO ACTIVE MATERIAL

01 ITEM NO 95017062

|                      |           |                   |          |         |          |
|----------------------|-----------|-------------------|----------|---------|----------|
| 02 ORDER NO NEF14564 | BLANKET N | 05 ARRIVED        | 05/26/95 | CHECKED | 05/26/95 |
| 03 USER ID 007728    | BATTEY    | 06 CONTAMINATED N | HUMAN    | N       |          |
| 04 STORED N          | LOCATION  | 07 DELIVERED      | 05/30/95 | TO:     | 37 5E 26 |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
DCTP ALPHA 32-P

09 CATALOG NUM  
BLU513H

ACTUAL

10 NUCLIDE P - 32      11 ACTIVITY      1.000      12 SUPPLIER NEN

MODE:F ACTION:

## PACKAGE USERS

|    | USER-ID LAST NAME, | FIRST | STATUS | AUTH | BWRLCN | USER MENU |
|----|--------------------|-------|--------|------|--------|-----------|
| 01 | 009902 HAMPTON     | LORI  | A      | N    | YNNNN  | 07        |
| 02 |                    |       |        |      |        | 08        |
| 03 |                    |       |        |      |        | 09        |
| 04 |                    |       |        |      |        | 10        |
| 05 |                    |       |        |      |        | 11        |
| 06 |                    |       |        |      |        | 12        |

Can't change the specified field(s).

MODE:F ACTION:17

RADIO ACTIVE MATERIAL

01 ITEM NO 95017062

|                      |           |                   |          |         |          |
|----------------------|-----------|-------------------|----------|---------|----------|
| 02 ORDER NO NEF14564 | BLANKET N | 05 ARRIVED        | 05/26/95 | CHECKED | 05/26/95 |
| 03 USER ID 007728    | BATTEY    | 06 CONTAMINATED N | HUMAN    | N       |          |
| 04 STORED N          | LOCATION  | 07 DELIVERED      | 05/30/95 | TO:     | 37 5E 26 |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
DCTP ALPHA 32-P

09 CATALOG NUM  
BLU513H

ACTUAL

10 NUCLIDE P - 32      11 ACTIVITY      1.000      12 SUPPLIER NEN

MODE:F ACTION:

## LAB DELIVERIES

AMOUNT IN STORAGE

0.000

|    | AMOUNT | DATE     | LOCATION | CONFIRMATION |
|----|--------|----------|----------|--------------|
| 01 | 1.000  | 05/30/95 | 37 5E 26 | 07           |
| 02 |        |          |          | 08           |
| 03 |        |          |          | 09           |
| 04 |        |          |          | 10           |
| 05 |        |          |          | 11           |
| 06 |        |          |          | 12           |

05/30/95  
15:16

DELIVERY ROUTE SHEET

PAGE 1

| Time | Item Num | Authorized User | PO Num     | Address   | Printed Name<br>& Signature |
|------|----------|-----------------|------------|-----------|-----------------------------|
|      | 95017220 | REITZ, M        | NJF67082   | P/U       |                             |
|      | 95017224 | METCALF, R      | 001128C102 | 19B 1E 16 |                             |
|      | 95016236 | LEWIS, A        | MD506649   | 7 337     |                             |
|      | 95017221 | NELSON, T       | NJU51505   | 36 4A 23  |                             |
|      | 95017222 | PASTAN, I       | NDC15625   | 37 4B 22  |                             |
| 3:44 | 95017069 | CHISENA, C      | NEF13245   | 37 5E 06  | NGUYEN                      |
| 3:45 | 95017061 | BATTEY, J       | NEF14564   | 37 5E 26  | SAINT                       |
| 3:45 | 95017062 | BATTEY, J       | NEF14564   | 37 5E 26  | E. SAINT                    |
| 3:46 | 95017077 | POMMIER, Y      | NEF11846   | 37 5D 27  |                             |
| 3:46 | 95017060 | POMMIER, Y      | NEF11846   | 37 5D 27  |                             |
|      | 95017200 | REITZ, M        | NJF65711   | 37 6C 09  |                             |
|      | 95017201 | REITZ, M        | NJF65786   | 37 6C 19  |                             |
|      | 95017042 | KARLSSON, S     | MD518763   | 10 4N311  |                             |

(E)

# EXHIBIT 70

INTERVIEW REPORT  
OF  
JOHN DANIEL SHARER

On September 6, 1995, John Daniel SHARER, Biochemist, National Institutes of Health (NIH), was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted at a laboratory room located at the NIH, National Cancer Institute (NCI), Building 37, Bethesda, MD. The interview started at approximately 11:35 a.m. and no other persons were present. The purpose of the interview was to obtain general information regarding the 5th floor laboratories of building 37 at the NIH. The interview was also conducted to determine SHARER's knowledge of the contamination incident at NIH in which Wenli MA was contaminated with phosphorus-32 (P-32). SHARER was also questioned regarding the P-32 and phosphorus-33 (P-33) contamination of the water cooler on the 5th floor of Building 37. In particular, SHARER was interviewed because he signed for one P-32 delivery, item 95014264, dated April 18, 1995. SHARER provided the following information in response to questions:

He resides at [REDACTED] and he has been employed at NIH since February 1995. His telephone number at work is 301-496-2063. His date of birth is [REDACTED] and his Social Security Number is [REDACTED]. He received a B.S. degree in 1988 from Long Island University, Long Island, NY, and his Ph.D. from Rutgers University in [REDACTED].

The 5th floor of Building 37 contains three laboratories: the Laboratory of Molecular Pharmacology (LMP), the Laboratory of Medicinal Chemistry (LMC), and the Laboratory of Biological Chemistry (LBC). SHARER works in the LBC, and his supervisor is Richard KAHN.

He examined the attached delivery documents and identified his signature on the delivery slips. He signed for the delivery of P-32 that was ordered by the authorized user, Richard KAHN. He said that when the delivery of radioactive material is received from the NIH Radiation Safety Department, anyone in the laboratory can sign the delivery slip acknowledging the receipt of the material. He said that generally when the P-32 is received, it is used almost immediately. He has never lent or given any P-32 to John WEINSTEIN, Wenling ZHENG, or MA. To his knowledge, there is no missing P-32 from his laboratory inventory.

He did drink water from the water cooler that was later determined to be contaminated with P-32; however, he was not contaminated. He could provide no pertinent information regarding the contamination of MA or the water cooler. He is willing to voluntarily submit fingerprints and take a polygraph.

The interview was terminated approximately 11:52 a.m.

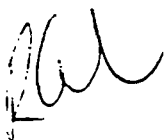
This interview was reported on September 6, 1995.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I

Attachments:  
As stated



Case No. 1-95-033

2

EXHIBIT 70  
PAGE 2 OF 5 PAGE(S)

|                        |            |                 |          |         |          |
|------------------------|------------|-----------------|----------|---------|----------|
| 02 ORDER NO NEF20992   | BLANKET, N | 05 ARRIVED      | 04/18/95 | CHECKED | 04/18/95 |
| 03 USER ID 012656 KAHN |            | 06 CONTAMINATED | N        |         |          |
| 04 STORED N LOCATION   |            | 07 DELIVERED    | 04/18/95 | TO:     | 37 5A 05 |

| ITEM INFORMATION                         |             | 23 ADP ORDER INFO     |
|--|-------------|-----------------------|
| 08 CHEMICAL COMPOUND OR ITEM DESCRIPTION |             | 09 CATALOG NUM        |
| NICOTINAMIDE ADENINE DINUCLEOTIDE (NAD)  |             | BLU023                |
| ACTUAL                                   |             |                       |
| 10 NUCLIDE P - 32                        | 11 ACTIVITY | 1.000 12 SUPPLIER NEN |

MODE:F ACTION:

## PACKAGE USERS

|    | USER-ID | LAST NAME, | FIRST     | STATUS | AUTH | BWRLCN | USER MENU |
|----|---------|------------|-----------|--------|------|--------|-----------|
| 01 | 029595  | SHARER     | J. DANIEL | A      | N    | YNYNNN | 07        |
| 02 | 021150  | RANDAZZO   | PAUL      | A      | N    | YNYNN  | 08        |
| 03 | 021867  | STURCH     | STACEY    | A      | N    | YNYNN  | 09        |
| 04 |         |            |           |        |      |        | 10        |
| 05 |         |            |           |        |      |        | 11        |
| 06 |         |            |           |        |      |        | 12        |

Can't change the specified field(s).

MODE:F ACTION:17

## ARCHIVED MATERIAL

01 ITEM NO 95014264

|                      |           |                 |          |         |          |
|----------------------|-----------|-----------------|----------|---------|----------|
| 02 ORDER NO NEF20992 | BLANKET N | 05 ARRIVED      | 04/18/95 | CHECKED | 04/18/95 |
| 03 USER ID 012656    |           | 06 CONTAMINATED | N        |         |          |
| 04 STORED N LOCATION |           | 07 DELIVERED    | 04/18/95 | TO:     | 37 5A 05 |

| ITEM INFORMATION                         |             | 23 ADP ORDER INFO     |
|--|-------------|-----------------------|
| 08 CHEMICAL COMPOUND OR ITEM DESCRIPTION |             | 09 CATALOG NUM        |
| NICOTINAMIDE ADENINE DINUCLEOTIDE (NAD)  |             | BLU023                |
| ACTUAL                                   |             |                       |
| 10 NUCLIDE P - 32                        | 11 ACTIVITY | 1.000 12 SUPPLIER NEN |

MODE:F ACTION:

## LAB DELIVERIES

AMOUNT IN STORAGE

0.000

| AMOUNT   | DATE     | LOCATION | AMOUNT | DATE | LOCATION |
|----------|----------|----------|--------|------|----------|
| 01 1.000 | 04/18/95 | 37 5A 05 | 07     |      |          |
| 02       |          |          | 08     |      |          |
| 03       |          |          | 09     |      |          |
| 04       |          |          | 10     |      |          |
| 05       |          |          | 11     |      |          |
| 06       |          |          | 12     |      |          |



| MODE:F ACTION:17                         |             | ARCHIVED MATERIAL |                 | 01 ITEM NO 95014265 |                  |
|--|-------------|-------------------|-----------------|---------------------|------------------|
| 02 ORDER NO                              | NEF20992    | BLANKET N         | 05 ARRIVED      | 04/18/95            | CHECKED 04/18/95 |
| 03 USER ID                               | 012656 KAHN |                   | 06 CONTAMINATED | N                   |                  |
| 04 STORED                                | N LOCATION  |                   | 07 DELIVERED    | 04/18/95            | TO: 37 5A 05     |
| ITEM INFORMATION                         |             |                   |                 | 23 ADP ORDER INFO   |                  |
| 08 CHEMICAL COMPOUND OR ITEM DESCRIPTION |             |                   |                 | 09 CATALOG NUM      |                  |
| GTP                                      |             |                   |                 | BLU006H             |                  |
| ACTUAL                                   |             |                   |                 |                     |                  |
| 10 NUCLIDE P - 32                        | 11 ACTIVITY | 1.000             | 12 SUPPLIER     | NEN                 |                  |

| MODE:F ACTION: |            | PACKAGE USERS |           |      |        |           |
|----------------|------------|---------------|-----------|------|--------|-----------|
| USER-ID        | LAST NAME, | FIRST         | STATUS    | AUTH | BWRLCN | USER MENU |
| 01             | 029595     | SHARER        | J. DANIEL | A    | N      | YNYNNN 07 |
| 02             | 021150     | RANDAZZO      | PAUL      | A    | N      | YNYN 08   |
| 03             | 021867     | STURCH        | STACEY    | A    | N      | YNYN 09   |
| 04             |            |               |           |      |        | 10        |
|                |            |               |           |      |        | 11        |
|                |            |               |           |      |        | 12        |

Can't change the specified field(s).

| MODE:F ACTION:17                         |             | ARCHIVED MATERIAL |                 | 01 ITEM NO 95014265 |                  |
|--|-------------|-------------------|-----------------|---------------------|------------------|
| 02 ORDER NO                              | NEF20992    | BLANKET N         | 05 ARRIVED      | 04/18/95            | CHECKED 04/18/95 |
| 03 USER ID                               | 012656      |                   | 06 CONTAMINATED | N                   |                  |
| 04 STORED                                | N LOCATION  |                   | 07 DELIVERED    | 04/18/95            | TO: 37 5A 05     |
| ITEM INFORMATION                         |             |                   |                 | 23 ADP ORDER INFO   |                  |
| 08 CHEMICAL COMPOUND OR ITEM DESCRIPTION |             |                   |                 | 09 CATALOG NUM      |                  |
| GTP                                      |             |                   |                 | BLU006H             |                  |
| ACTUAL                                   |             |                   |                 |                     |                  |
| 10 NUCLIDE P - 32                        | 11 ACTIVITY | 1.000             | 12 SUPPLIER     | NEN                 |                  |

| MODE:F ACTION: |       | LAB DELIVERIES |          | AMOUNT IN STORAGE |          | 0.000 |  |
|----------------|-------|----------------|----------|-------------------|----------|-------|--|
| AMOUNT         | DATE  | LOCATION       | AMOUNT   | DATE              | LOCATION |       |  |
| 01             | 1.000 | 04/18/95       | 37 5A 05 | 07                |          |       |  |
| 02             |       |                |          | 08                |          |       |  |
| 03             |       |                |          | 09                |          |       |  |
| 04             |       |                |          | 10                |          |       |  |
| 05             |       |                |          | 11                |          |       |  |
| 06             |       |                |          | 12                |          |       |  |

04/18/95  
15:30

DELIVERY ROUTE SHEET

PAGE 1

Time Item Num Authorized User PO Num Address Printed Name & Signature

95014188 | MARAIA, R | NIX73128 | 6 3A 03 |

4:19 95013853 | LIU, T | 09555000095 | 29 218 | Walker

4:15 95014135 | MURANO, G | 001869C273 | 29A 3B 06 | W H N G

4:11 95014032 | YAMADA, Y | NGP76456 | 30 427 | BERUICE

95003838 | MAJOR, E | NJU58506 | 36 5C 13 |

95014194 | YUSPA, S | NIL60583 | 37 3B 19 |

95014164 | MORGAN, D | NIL60623 | 37 3B 19 |

11:27 95014264 | KAHN, R | NEF20992 | 37 5A 05 | Sharer

95014265 | KAHN, R | NEF20992 | 37 5A 05 |

95014221 | ARYA, S | NJF71406 | 37 6C 09 |

95014198 | ENSOLI, B | NJF71524 | 37 6D 28 |

95014281 | ANGUS, W | NDV36442 | 10 4D 05 |

95014172 | MERRILL, M | NJS77884 | 10 4N240 |

95013857 | STONE, R | NJS78122 | 10 5B 16 |

4:40 95013480 | TAYLOR, S | NUW70962 | 10 8N240 | Duon

# EXHIBIT 71

INTERVIEW REPORT  
OF  
ERIC SONTONI-RUGUI

On August 2, 1995, Eric SONTONI-RUGUI, Researcher, was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted at the National Institutes of Health (NIH), National Cancer Institute (NCI), Building 37, 3rd floor, Bethesda, MD. No other persons were present. The purpose of the interview was to determine SONTONI-RUGUI's knowledge of the contamination incidents at NIH in which Wenli MA was contaminated with phosphorus-32 (P-32) and the water cooler on the 5th floor being contaminated with P-32 and phosphorus-33 (P-33). SONTONI-RUGUI was interviewed because computer records indicated that he entered Building 37, at 11:23 p.m. on June 29, 1995. SONTONI-RUGUI was questioned to determine if he allowed anyone to enter the building when he used his keycard. The building is locked from 6:00 p.m. to approximately 6:00 a.m. SONTONI-RUGUI provided the following information in response to questions:

He resides at [REDACTED] and he has been employed at NIH since March 1993. His telephone number at work is 301-496-0731. His date and place of birth is [REDACTED] at [REDACTED] and his Social Security Number is [REDACTED]. He received his Ph.D. in October [REDACTED] from the University of Murst, Rome, Italy, and his M.D. from the University of Pisa, Pisa, Italy.

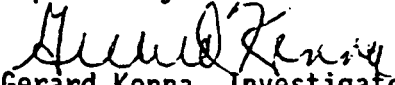
SONTONI-RUGUI could provide no pertinent information regarding the contamination incident at NIH in which MA was contaminated with P-32. In addition, he could provide no pertinent information regarding the P-32/P-33 contamination of the 5th floor water cooler.

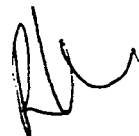
He said that he did enter Building 37 at 11:23 p.m. on June 29th with his key card as indicated by the computer records. He works at least two nights per week, usually entering the building using his keycard. He did not loan his keycard to anyone and he usually does not allow anyone to follow him into the building. Although he can not specifically recall entering the building on the aforementioned date and time, he does recall, about a month ago, allowing an oriental male to enter the building with him. He was shown photos of six oriental men, each wearing glasses; however, he could not make any identifications. The photo spread included 1# Goeh JUNG, 2# Wenling ZHENG, 3# Zheng LI, 4# Hing LEE, 5# Jay CHUNG, and 6# Takafuni NAKAMURA.

He could provide no further pertinent information.

This interview was reported on August 3, 1995.

Reported by:

  
Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I



Case No. 1-95-033

EXHIBIT 71  
PAGE 1 OF 1 PAGE(S)

# EXHIBIT 72

EXHIBIT 72

THIS EXHIBIT IS A DOCUMENT PREPARED BY ANOTHER AGENCY. THAT AGENCY HAS  
DETERMINED THE DOCUMENT IS WITHHOLDABLE AND AS SUCH IS BEING MAINTAINED IN THE  
OFFICE OF INVESTIGATIONS:HEADQUARTERS

# EXHIBIT 73

INTERVIEW REPORT  
OF  
STACEY STURCH

On September 6, 1995, Stacey STURCH, Microbiologist, National Institutes of Health (NIH), was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted at a conference room located at the NIH, National Cancer Institute (NCI), Building 37, Room 5C12, Bethesda, MD. The interview started at approximately 11:19 a.m.; no other persons were present. The purpose of the interview was to obtain general information regarding the 5th floor laboratories in Building 37 at the NIH. The interview was also conducted to determine STURCH's knowledge of the contamination incident at NIH in which Wenli MA was contaminated with phosphorus-32 (P-32). STURCH was also questioned regarding the P-32 and phosphorus-33 (P-33) contamination of the water cooler on the 5th floor in Building 37. In particular, STURCH was interviewed because she signed one P-32 delivery slip, item 95018030, dated June 9, 1995. STURCH provided the following information in response to questions:

STURCH resides at [REDACTED] and she has been employed at NIH for about four years. Her telephone number at work is 301-496-3788. Her date of birth is [REDACTED] and her Social Security Number is [REDACTED]. She received a B.S. degree from the Illinois State University, Bloomington, IL.

The 5th floor of Building 37 contains three laboratories: the Laboratory of Molecular Pharmacology (LMP), the Laboratory of Medicinal Chemistry (LMC), and the Laboratory of Biological Chemistry (LBC). STURCH works in the LBC and her supervisor is Paul RANDAZZO.

STURCH examined the attached delivery item documents and identified her signature on the delivery slip. She signed for the delivery of P-32 that was ordered by the authorized user, Richard KAHN. She said that when the delivery of radioactive material is received from the NIH Radiation Safety Department, anyone in the laboratory can sign the delivery slip acknowledging the receipt of the material. She has used P-32 in some of her experiments. She is uncertain if the laboratory log for the usage of P-32 within her laboratory is correct. She was aware that radioactive material was lent to other laboratories, but she has never lent or given any P-32 to John WEINSTEIN, Wenling ZHENG or MA. To her knowledge, there is no missing P-32 from her laboratory inventory.

She does drink water from the water cooler that was later determined to be contaminated with P-32 and P-33. She drinks about two liters per day and her contamination level was from [REDACTED]

She could provide no pertinent information regarding the contamination of MA or the water cooler. She is willing to voluntarily submit fingerprints and take a polygraph.



The interview was terminated approximately 11:27 a.m.

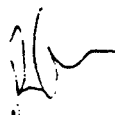
This interview was reported on September 6, 1995.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I

Attachments:  
As stated



Case No. 1-95-033

2

EXHIBIT 73  
PAGE 2 OF 4 PAGE(S)

MODE:F ACTION:14

RADIO ACTIVE MATERIAL

01 ITEM NO 95018030

|                        |           |                       |                  |
|------------------------|-----------|-----------------------|------------------|
| 02 ORDER NO NEF14134   | BLANKET N | 05 ARRIVED 06/09/95   | CHECKED 06/09/95 |
| 03 USER ID 012656 KAHN |           | 06 CONTAMINATED N     | HUMAN N          |
| 04 STORED N LOCATION   |           | 07 DELIVERED 06/12/95 | TO: 37 5A 05     |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
NAD09 CATALOG NUM  
BLU023

ACTUAL

10 NUCLIDE P - 32 11 ACTIVITY 1.000 12 SUPPLIER NEN

MODE:F ACTION:

## PACKAGE USERS

|    | USER-ID LAST NAME, | FIRST  | STATUS AUTH | BWRLCN | USER MENU |
|----|--------------------|--------|-------------|--------|-----------|
| 01 | 021867 STURCH      | STACEY | A N         | YNNYNN | 07        |
| 02 | 021150 RANDAZZO    | PAUL   | A N         | YNNYNN | 08        |
| 03 |                    |        |             |        | 09        |
| 04 |                    |        |             |        | 10        |
| 05 |                    |        |             |        | 11        |
| 06 |                    |        |             |        | 12        |

Can't change the specified field(s).

MODE:F ACTION:17

RADIO ACTIVE MATERIAL

01 ITEM NO 95018030

|                        |           |                       |                  |
|------------------------|-----------|-----------------------|------------------|
| 02 ORDER NO NEF14134   | BLANKET N | 05 ARRIVED 06/09/95   | CHECKED 06/09/95 |
| 03 USER ID 012656 KAHN |           | 06 CONTAMINATED N     | HUMAN N          |
| 04 STORED N LOCATION   |           | 07 DELIVERED 06/12/95 | TO: 37 5A 05     |

## ITEM INFORMATION

23 ADP ORDER INFO

08 CHEMICAL COMPOUND OR ITEM DESCRIPTION  
NAD09 CATALOG NUM  
BLU023

ACTUAL

10 NUCLIDE P - 32 11 ACTIVITY 1.000 12 SUPPLIER NEN

MODE:F ACTION:

## LAB DELIVERIES

AMOUNT IN STORAGE

0.000

|    | AMOUNT | DATE     | LOCATION | CONFIRMATION |
|----|--------|----------|----------|--------------|
| 01 | 1.000  | 06/12/95 | 37 5A 05 | 07           |
| 02 |        |          |          | 08           |
| 03 |        |          |          | 09           |
| 04 |        |          |          | 10           |
| 05 |        |          |          | 11           |
| 06 |        |          |          | 12           |

EXHIBIT 73  
PAGE 3 OF 4 PAGE(S)

06/12/95  
13:18

DELIVERY ROUTE SHEET

PAGE 1

| Time | Item Num             | Authorized User        | PO Num               | Address                | Printed Name & Signature |
|------|----------------------|------------------------|----------------------|------------------------|--------------------------|
| 5:45 | 95017851             | ROBERTS, A             | NTC12264             | 41 B902                | Robert A. Roberts        |
| 6:20 | 95018031<br>95018032 | HAYES, T<br>HAYES, T   | NGU27968<br>NGU27968 | 36 3C 09<br>36 3C 09   | Tim Hayes                |
| 6:45 | 95018036             | WU, C                  | NPL20445             | 37 4C 09               | Wu, C                    |
| 7:10 | 95018030             | KAHN, R                | NEF14134             | 37 5A 05               | Storch, Storch           |
| 4:30 | 95018028             | KEARSE, K              | NDK53194             | 10 3N119               | John Kearse              |
| 9:25 | 95018120             | KASHMIRI, S            | NDB28433             | 10 5B 39               | Shah, H. H.              |
| 4:14 | 95018050<br>95018035 | SATO, S<br>SATO, S     | NUW56288<br>NUW56288 | 10 8N318<br>10 8N318   | Spence, R. C.            |
| 4:5  | 95018037             | COHEN, O               | NCD90014             | 10 11N114              | Melanie Cohen            |
| 3:4  | 95018038<br>95018040 | THIELE, C<br>THIELE, C | NIY31763<br>NIY31763 | 10 13C218<br>10 13C218 | G. Thiele                |

# EXHIBIT 74

REPORT OF INTERVIEW  
WITH  
DONNA TODD

On July 27, 1995, Donna TODD, Administrative Technician, was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted at a conference room located at the National Institutes of Health (NIH), National Cancer Institute (NCI), Building #37, Room 5C12, Bethesda, MD. The interview started at approximately 10:14 a.m.; no other persons were present. The purpose of the interview was to obtain general information regarding the 5th floor laboratories of Building 37 at NIH. In addition, the interview was conducted to determine TODD's knowledge of the contamination incident at NIH in which Wenli MA (Maryann) was contaminated with radioactive phosphorus P-32 (P-32). She was also questioned about the water cooler on the 5th floor being contaminated with P-32. In addition, TODD was also questioned regarding the condition of the conference room on the morning of June 30, 1995, that was contaminated with P-32. TODD provided the following information in response to questions.

She resides at [REDACTED] and she has been employed at NIH for approximately eight years. Her telephone number at work is 301-496-4967. Her date of birth is [REDACTED] her Social Security Number is [REDACTED]. She completed one year of college level work at the Montgomery County Community College, Rockville, MD. She is the administrative assistant to Todd DANIELSON, the administrative officer of the Laboratory of Medicinal Chemistry (LMC), the Laboratory of Molecular Pharmacology (LMP), and the Laboratory of Biological Chemistry. All three laboratories combined have over one hundred employees. The laboratories are divided into sections. Each section chief supervises from a few employees to over ten employees. The section chief reports to the laboratory chief.

TODD could provide no pertinent information regarding the contamination incident at NIH in which MA was contaminated with P-32. In addition, she could provide no pertinent information regarding the contamination, with P-32, of the 5th floor water cooler. She does not suspect anyone of the contamination incidents.

She said that each laboratory has their own set of keys to their laboratories. She does not have a key to the LMP conference room in which the contamination was discovered on floor. She is willing to voluntarily submit her fingerprints and to take a polygraph.

She was present at the LMP conference room on the morning of June 30, 1995. When she arrived, the door was already open and a health physicist (HP) was conducting a radiation survey. She did not know the HP's name, but described her as a short, blond, white female, on the heavy side. Since she is the administrative technician for the 5th floor, she went to the LMP conference room to determine the circumstances surrounding the reported contamination incident in which MA was contaminated with P-32.

The interview was terminated at approximately 10:35 a.m.

This interview was reported on July 27, 1995.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I

*FILE*  
Case No. 1-95-033A

2

EXHIBIT 74  
PAGE 2 OF 2 PAGE(S)

# EXHIBIT 75

REPORT OF INTERVIEW  
WITH  
MADIE TYLER

On July 25, 1995, MADIE TYLER, Secretary to the Laboratory Chief, was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted at a conference office located at the National Cancer Institute (NCI), National Institutes of Health (NIH), Building #37, Room 5C12, Bethesda, MD. The interview started at approximately 2:43 p.m.; no other persons were present. The purpose of the interview was to obtain general information regarding the 5th floor laboratories of Building 37 at NIH. In addition, the interview was conducted to determine TYLER's knowledge of the contamination incident at NIH in which Wenli MA (Maryann) was contaminated with radioactive phosphorus-32 (P-32). TYLER was also interviewed regarding the contamination, with P-32, of the water cooler on the 5th floor of Building 37. TYLER provided the following information in response to questions.

She resides at [REDACTED] and she has been employed at NIH for approximately thirty-three years. Her telephone number at work is 301-496-5941. Her date of birth is [REDACTED] her Social Security Number is [REDACTED]. She graduated from Gaithersburg High School, Gaithersburg, MD. She is the secretary to the Dr. Kurt KOHN, the Lab Chief of the Laboratory of Molecular Pharmacology (LMP). She has been KOHN's secretary for twenty-five years.

The floor contains three laboratories: LMP, the Laboratory of Medicinal Chemistry (LMC), and the Laboratory of Biological Chemistry. All three laboratories combined have over one hundred employees. The laboratories are divided into sections. Each section chief supervises from a few employees to over ten employees. The section chiefs report to the laboratory chief.

She normally works from 8:30 a.m. to 5:30 p.m. On June 29, 1995, she departed work prior to MA being discovered to be contaminated with P-32. On June 30, 1995, she arrived at work about 8:30 a.m. and Donna TODD, the 5th floor administrative secretary and someone (NFI) from the Radiation Safety Office were already working in the LMP conference room. Within a short period of time, the NIH police arrived and secured the conference room by changing the locks.

TYLER could provide no pertinent information regarding the contamination incident at NIH in which MA was contaminated with P-32. In addition, she could provide no pertinent information regarding the P-32 contamination of the 5th floor water cooler. She drinks about sixteen ounces of water a day from the water cooler, and she recently submitted a urine sample for testing. The urine sample was tested, and it was determined that she was not contaminated with P-32.

She does not suspect anyone of foul play regarding the aforementioned contamination incidents; [REDACTED]

[REDACTED] She believes the contamination incidents were deliberate,



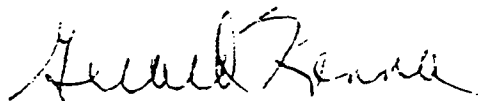
rather than accidental contaminations.

Like other LMP employees, she has a key to the LMP conference room in which contamination was discovered on the floor. She said that each laboratory has their own set of keys. She stores her lunch in the refrigerator in the LMP conference room. The LMP conference room door lock was changed by the police; she still has some crabs in the refrigerator in the LMP conference room. She is willing to voluntarily submit fingerprints and to take a polygraph.

The interview was completed approximately 3:15 p.m.

The interview was reported on July 18, 1995.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I

# EXHIBIT 76

REPORT OF INTERVIEW  
WITH  
MADIE TYLER

On August 3, 1995, Madie TYLER, Secretary to the Laboratory Chief, was interviewed via telephone by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. TYLER was previously interviewed by OI on July 25, 1995. The interview started at approximately 3:50 p.m., and the purpose of the interview was to obtain general information regarding her activities on Thursday June 29, 1995, the day Wenli MA (Maryann) was found to be contaminated with radioactive phosphorus-32 (P-32). TYLER provided the following information in response to questions.

She normally works from 8:30 a.m. to 5:30 p.m. On June 29, 1995, she departed work at about 5:20 p.m. just prior to MA being discovered contaminated with P-32. During the day she was in and out of the conference room, about twenty times, making photocopies and returning manuals that are stored in the conference room. She wore sneakers that day and a few days later she brought the sneakers back to the office so that a radiation survey could be completed. The sneakers were determined not to be contaminated with radioactive materials. She also recalls dropping her lunch bag either in the morning, when she placed the bag in the refrigerator, or during the day, in front of the refrigerator. She also brought in the lunch bag to be surveyed and it also did not contain radiation.

She said that her work area was surveyed by the Radiation Safety Department and determined not to be contaminated.

The interview was completed approximately 3:55 p.m.

The interview was reported on August 3, 1995.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I



Case No. 1-95-033A

EXHIBIT 76  
PAGE 1 OF 1 PAGE(S)

# EXHIBIT 77

REPORT OF INTERVIEW  
WITH  
MARK WALTHAM

On July 26, 1995, Mark WALTHAM, Laboratory Researcher, was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted in the conference office located at the National Institute of Health (NIH), National Cancer Institute (NCI), Building 37, Room 5C12, Bethesda, MD. The interview started at approximately 10:20 a.m.; no other persons were present. The purpose of the interview was to obtain general information regarding the 5th floor laboratories of building 37 at NIH. In addition, the interview was conducted to determine WALTHAM's knowledge of the contamination incident at NIH in which Wenli MA (Maryann) was contaminated with P-32. WALTHAM was questioned about the water cooler on the 5th floor being contaminated with P-32. WALTHAM provided the following information in response to questions.

He resides at [REDACTED] and is a post doctorate visiting fellow from Australia. He has been working at NIH since December 1994. In Australia he resides at [REDACTED]. He received his Bachelor of Science degree in [REDACTED], his Honors Degree in [REDACTED] and in [REDACTED] his Ph.D. degree from Queensboro University, Queensboro, Australia. Prior to his research work at NIH he worked at Sloan-Kettering Institute, New York, NY, from November 1990 to October 1994. His date of birth is [REDACTED] Social Security Number [REDACTED]. He works in the Laboratory of Molecular Pharmacology (LMP); his supervisor is Dr. John WEINSTEIN. He works with Joseph CASCARI, Ben DEBIVORT, Yi FAN, Guang LI, Wenli MA, Tim MYERS and Wenling ZHENG. To his knowledge, there has never been any animosity, working problems or jealousy within the laboratory. He does not use radioactive materials in his experiments. He is aware that ZHENG and MA used P-32 then switched to P-33 and sulphur-35 (S-35).

On Thursday, June 29, 1995, he was working in his laboratory (5D21) when he noticed that the fire department arrived at the laboratory. During the contamination incident he basically stayed in his laboratory. He said that WEINSTEIN gave him and LI a short briefing of what happened and requested that he and LI conduct a radiation survey of his laboratory (5D21). Although he can not recall who told him the LMP conference room had a "hot spot" of contamination, he and LI responded to the LMP conference room to check the survey meter against the contamination. He and LI completed the radiation survey of his laboratory and also conducted surveys of themselves, which did not reflect any contamination. When he conducts surveys, he always leaves the audio alarm activated. He also recalls conducting surveys of the doorknobs of his laboratory. He did not walk up the hallway toward WEINSTEIN's laboratory nor did he conduct a radiation survey of the table.

He said he recalls a white coffee cup with an unidentified logo, which contained an orange capped centrifuge tube. The coffee cup was on the table prior to MA being discovered with P-32 contamination. He said that he recalls picking up the tube in front of Charles PERRY, another researcher, and swearing in disgust of the total disregard of the laboratory requirements that centrifuge tubes be maintained in the laboratories. He said WEINSTEIN's

laboratory does not use orange capped centrifuge tubes. He said that he can not recall if the tube contained any fluid when he pick it up to look at it. Although he can not recall the exact date that he and PERRY saw the centrifuge tube he does recall it during a lunch break and it was prior to the MA contamination incident. He documented his thoughts in a memorandum dated July 18, 1995, a copy is appended. He forwarded the memorandum to the FBI.

WALTHAM could provide no further pertinent information regarding the contamination incident at NIH in which MA was contaminated with P-32.

In addition, he could provide no pertinent information regarding the P-32 contamination of the 5th floor water cooler. He drinks about three ounces water from the contaminated water cooler each day and he recently submitted a urine sample for testing. The test reflected that he had [REDACTED] in his urine. He does not suspect anyone in particular of deliberately contaminating Dr. MA and the water cooler with P-32.

The interview concluded at about 5:00 p.m.

This interview was reported on July 27, 1995.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I

Attachment:  
As stated

Mark Waltham Ph.D.  
7/18/95  
xtn 6-9572

If it is of any interest:

A 50 ml tube containing an amount of isotope (resting in an old coffee cup on a general use "eating" table) was found in corridor D (near Rm 5D-18) and there may be some doubt about when it appeared there.

I am absolutely certain that this tube was present at least during the morning period before the first victim (Dr. Ma) was identified (i.e. 6/29/95) and, more likely, one or several days before that date. I had used that table the week prior (6/19 - 6/23/95) and would have certainly noticed its presence if it had "appeared" during that week. My best guess is that it was placed there somewhere between 6/25/95 and noon 6/29/95.

Additionally, I recollect that this tube had an orange top, which I believe is distinct to the CORING brand. I work in the same lab as Dr. Ma (Dr. John Weinstein as Senior Investigator), in both Rm 5D-18 and 5D-21 and we use (essentially exclusively) the FALCON brand 50 ml tubes which have blue tops. During my entire time in this lab (since October 1994) I can not recollect any occasion when orange top 50 ml tubes have been used by any of Dr. Weinstein's staff members. Other groups on 5th floor do however use the 50 ml CORING brand tubes and they are not that uncommon.

Mark Waltham

# EXHIBIT 78



REPORT OF INTERVIEW  
WITH  
XUTONG WANG

On August 2, 1995, XUTONG WANG, researcher, was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted at the 4th floor office conference room located at the National Institutes of Health (NIH), National Cancer Institute (NCI), Building 37, Bethesda, MD. The interview started at approximately 11:35 a.m.; no other persons were present. The purpose of the interview was to determine WANG'S knowledge of the contamination incidents at NIH in which Wenli MA (Maryann) was contaminated with radioactive phosphorus-32 (P-32) and the water cooler, on the 5th floor, being contaminated with P-32. WANG was interviewed because computer records indicated that he entered building 37, at 11:24 p.m. on June 29, 1995. WANG was questioned to determine if he allowed anyone to enter the building when he used his keycard. The building is locked from 6:00 p.m. to approximately 6:00 a.m.; entrance is made by using a keycard. WANG provided the following information in response to questions.

He resides at [REDACTED] and he has been employed at NIH for about two and half years. His telephone number at work is 301-496-9801. His date of birth is [REDACTED] at [REDACTED] his Social Security Number is [REDACTED]. He received his Ph.D. from the University of Illinois in Biophysics. Prior to the incident he did not know ZHENG and MA. He has learned their identity since the contamination incident.

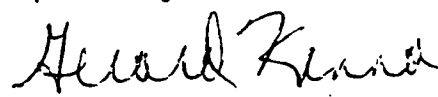
WANG could provide no pertinent information regarding the contamination incident at NIH in which MA was contaminated with P-32. In addition, he could provide no pertinent information regarding the P-32 contamination of the 5th floor water cooler.


He said that he did enter building 37 at 11:24 p.m. with his key card as indicated by the computer records. He did not loan his keycard to anyone and he usually will not allow anyone to follow him into the building. Although he can not specifically recall entering the building on the aforementioned date and time, he does not recall an oriental male or female entering the building with him at that time.

He could provide no further pertinent information.

This interview was reported on August 3, 1995.

Reported by:

  
Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I

  
Case No. 1-95-033A

# EXHIBIT 79

INTERVIEW REPORT  
OF  
PATRICIA WELANETZ

On March 27, 1996, Patricia WELANETZ, computer drafter technician, was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Special Agent Gerard Kenna. The interview was conducted at WELANETZ's residence; the interview started at approximately 6:00 p.m., and no other persons were present. The interview was conducted to determine WELANETZ's knowledge of the contamination incident at the National Institutes of Health (NIH), Bethesda, MD, in which Wenli MA was contaminated with phosphorus-32 (P-32), and the P-32 contamination incident at the Massachusetts Institute of Technology (MIT) in which Yuging LI was contaminated with P-32. The interview was conducted in an effort to link the two incidents.

WELANETZ's name [REDACTED]

WELANETZ telephone number is similar to the telephone numbers at NIH. WELANETZ provided the following information in response to questions.

WELANETZ resides at [REDACTED] and she is employed as a computer drafter technician for Delson Hampton Associates, Rockville, MD. [REDACTED]

WELANETZ said that neither she or nor her husband have any connection with the NIH or the MIT. She does not know Wenling ZHENG, MA or LI. She was aware of the contamination incident at NIH, but all her knowledge came from the news media. She was not aware of the contamination incident at MIT.

She could provide no additional pertinent information.

The interview was terminated at approximately 6:10 p.m.

This interview was reported on March 27, 1995.

Reported by:

*Gerard Kenna*

Gerard Kenna, Special Agent  
Office of Investigations  
Field Office, Region I

Case No. 1-95-045  
cc: 1-95-033

EXHIBIT 79  
PAGE 1 OF 1 PAGE(S)

# EXHIBIT 80

REPORT OF INTERVIEW  
WITH  
JOSEPH WOITACHI

On August 2, 1995, Joseph WOITACHI, researcher, was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted at the National Institutes of Health (NIH), National Cancer Institute (NCI), Building 37, 3th floor, Bethesda, MD. The interview started at approximately 12:05 p.m.; no other persons were present. The purpose of the interview was to determine WOITACHI's knowledge of the contamination incidents at NIH in which Wenli MA (Maryann) was contaminated with radioactive phosphorus-32 (P-32) and the water cooler, on the 5th floor, being contaminated with P-32. WOITACHI was interviewed because computer records indicated that he entered building 37, at 10:40 p.m. on June 29, 1995. WOITACHI was questioned to determine if he allowed anyone to enter the building when he used his keycard. The building is locked from 6:00 p.m. to approximately 6:00 a.m.; entrance is made by using a keycard. WOITACHI provided the following information in response to questions.

He resides at [REDACTED], and he has been employed at NIH for about two years. His telephone number at work is 301-496-1323. His date of birth is [REDACTED]; his Social Security Number is [REDACTED]. He received, in [REDACTED], his Ph.D. and MA from the Pennsylvania State University in Biochemistry.

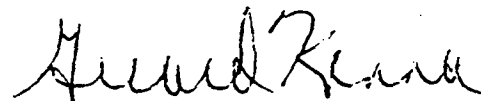
WOITACHI could provide no pertinent information regarding the contamination incident at NIH in which MA was contaminated with P-32. In addition, he could provide no pertinent information regarding the P-32 contamination of the 5th floor water cooler.

He said that he did enter building 37 at 10:40 p.m. with his key card as indicated by the computer records. He did not loan his keycard to anyone and he usually will not allow anyone to follow him into the building except for cleaning personnel that he knows. Although he can not specifically recall entering the building on the aforementioned date and time, he does not recall an oriental male or female entering the building with him at that time.

He could provide no further pertinent information.

This interview was reported on August 3, 1995.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I

  
Case No. 1-95-033A

# EXHIBIT 81

INTERVIEW REPORT  
OF  
PETER WORLAND

On October 16, 1995, Peter WORLAND, Visiting Science Fellow, at the National Institutes of Health (NIH), was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted at a conference room located at the NIH, National Cancer Institute (NCI), Building 37, room 5C12, Bethesda, MD. The interview started at approximately 11:41 a.m. and no other persons were present. The purpose of the interview was to obtain general information regarding the 5th floor laboratories of Building 37 at NIH. The interview was also conducted to determine WORLAND's knowledge of the contamination incident at NIH in which Wenli MA was contaminated with phosphorus-32 (P-32). WORLAND was also questioned regarding the P-32 and phosphorus-33 (P-33) contamination of the water cooler on the 5th floor of Building 37. In particular, WORLAND was interviewed because he signed two P-32 delivery slips for item 95018223, dated June 13, 1995, and item 95018967, dated June 23, 1995. WORLAND provided the following information in response to questions:

He resides at [REDACTED] and he has been employed at NIH since March 16, 1995. His telephone number at work is 301-402-2968. His date of birth is [REDACTED] and his Social Security Number is [REDACTED]. He received a Ph.D. degree from the University of Melbourne, Melbourne, Australia.

The 5th floor of Building 37 contains three laboratories: the Laboratory of Molecular Pharmacology (LMP), the Laboratory of Medicinal Chemistry, and the Laboratory of Biological Chemistry (LBC). WORLAND works in the LBC and his supervisor is Ed SAUSVILLE.

WORLAND could provide no pertinent information regarding the contamination of MA or the water cooler. He could not recall if he was in the building the night it was discovered that MA was contaminated. WORLAND did drink water from the water cooler that was later determined to be contaminated with P-32 and P-33. He submitted a urine sample and the sample was not contaminated.

WORLAND examined the attached delivery item documents and identified his signature on the delivery slips. He said that when the delivery of radioactive material is received from the NIH Radiation Safety Department, anyone in the laboratory can sign the delivery slip acknowledging the receipt of the radioactive material. He said the laboratory log for the usage of P-32 within his laboratory is "pretty good but not perfect." Recently the procedure for recording the usage of P-32 has changed, and the usage is recorded directly on the bottle. He has never lent, or given, any P-32 to John WEINSTEIN, Wenling ZHENG or MA. To his knowledge, there is no missing P-32 from his laboratory inventory. Currently, the radioactive material is being stored in an unlocked refrigerator in Building 37, room 5E24. On occasion, the laboratory staff will forget to close the lab door at the end of the day, leaving the radioactive material accessible in the unlocked refrigerator.

WORLAND is willing to voluntarily submit fingerprints and take a polygraph.

CASE NO. 1 - 95 - 033

EXHIBIT 81  
PAGE 1 OF 6 PAGE(S)

The interview was terminated approximately 12:10 p.m.

This interview was reported on October 18, 1995.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I

Attachments:  
As stated



Case No. 1-95-033

2

EXHIBIT 81  
PAGE 2 OF 6 PAGE(S)



|                         |           |                       |                  |
|-------------------------|-----------|-----------------------|------------------|
| 02 ORDER NO NEF14067    | BLANKET N | 05 ARRIVED 06/13/95   | CHECKED 06/13/95 |
| 03 USER ID 010162 CLARK |           | 06 CONTAMINATED N     | HUMAN            |
| 04 STORED N LOCATION    |           | 07 DELIVERED 06/13/95 | TO: 37 5E 24     |

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|  |  |                   |
|--|--|-------------------|
| ITEM INFORMATION                         |  | 23 ADP ORDER INFO |
| 08 CHEMICAL COMPOUND OR ITEM DESCRIPTION |  | 09 CATALOG NUM    |
| ATP                                      |  | BLU502A           |

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|                   |             |                       |
|-------------------|-------------|-----------------------|
| ACTUAL            |             |                       |
| 10 NUCLIDE P - 32 | 11 ACTIVITY | 1.000 12 SUPPLIER NEN |

MODE:F ACTION:

## PACKAGE USERS

|    | USER-ID LAST NAME, | FIRST   | STATUS | AUTH | BWRLCN | USER MENU |
|----|--------------------|---------|--------|------|--------|-----------|
| 01 | 015302 WORLAND     | PETER   | A      | N    | YNYNNN | 07        |
| 02 | 023880 CARLSON     | BRADLEY | A      | N    | YNYNNN | 08        |
| 03 |                    |         |        |      |        | 09        |
| 04 |                    |         |        |      |        | 10        |
| 05 |                    |         |        |      |        | 11        |
| 06 |                    |         |        |      |        | 12        |

Can't change the specified field(s).

MODE:F ACTION:17

## RADIO ACTIVE MATERIAL

01 ITEM NO 95018223

|                         |           |                       |                  |
|-------------------------|-----------|-----------------------|------------------|
| 02 ORDER NO NEF14067    | BLANKET N | 05 ARRIVED 06/13/95   | CHECKED 06/13/95 |
| 03 USER ID 010162 CLARK |           | 06 CONTAMINATED N     | HUMAN            |
| 04 STORED N LOCATION    |           | 07 DELIVERED 06/13/95 | TO: 37 5E 24     |

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|  |  |                   |
|--|--|-------------------|
| ITEM INFORMATION                         |  | 23 ADP ORDER INFO |
| 08 CHEMICAL COMPOUND OR ITEM DESCRIPTION |  | 09 CATALOG NUM    |
| ATP                                      |  | BLU502A           |

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|                   |             |                       |
|-------------------|-------------|-----------------------|
| ACTUAL            |             |                       |
| 10 NUCLIDE P - 32 | 11 ACTIVITY | 1.000 12 SUPPLIER NEN |

MODE:F ACTION:

## LAB DELIVERIES

AMOUNT IN STORAGE

0.000

|    | AMOUNT | DATE     | LOCATION | CONFIRMATION |
|----|--------|----------|----------|--------------|
| 01 | 1.000  | 06/13/95 | 37 5E 24 | 07           |
| 02 |        |          |          | 08           |
| 03 |        |          |          | 09           |
| 04 |        |          |          | 10           |
| 05 |        |          |          | 11           |
| 06 |        |          |          | 12           |

08/13/95  
10:36

DELIVERY ROUTE SHEET

PAGE 1

| ne | Item Num | Authorized User | PO Num | Address | Printed Name<br>& Signature |
|----|----------|-----------------|--------|---------|-----------------------------|
|----|----------|-----------------|--------|---------|-----------------------------|

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|  | 95101026 | NORMAN, B | NGV27874 | 6 208 |  |
|--|----------|-----------|----------|-------|--|

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|--|----------|---------|------------|-----------|--|
|  | 95018208 | FINK, D | 001168C347 | 29A 2B 20 |  |
|--|----------|---------|------------|-----------|--|

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|--|----------|---------|------------|-----------|--|
|  | 95018160 | KHAN, A | 001168C346 | 29B 3G 15 |  |
|--|----------|---------|------------|-----------|--|

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|  | 95018171 | BERGER, S | NPL19752 | 37 B109 |  |
|--|----------|-----------|----------|---------|--|

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|-----|----------|------------|----------|----------|-------------------------|
| 222 | 95101002 | BOTTARO, D | NEN65500 | 37 1D 15 | <i>Frank S. Bottaro</i> |
|-----|----------|------------|----------|----------|-------------------------|

|     |          |          |          |          |                   |
|-----|----------|----------|----------|----------|-------------------|
| 617 | 95018223 | CLARK, J | NEF14067 | 37 5E 24 | <i>Paul Clark</i> |
|-----|----------|----------|----------|----------|-------------------|

|     |          |              |          |          |                            |
|-----|----------|--------------|----------|----------|----------------------------|
| 137 | 95018020 | ROSENBERG, S | NIY32167 | 10 2B 04 | <i>Robert S. Rosenberg</i> |
|-----|----------|--------------|----------|----------|----------------------------|

|     |          |            |          |          |                  |
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| 122 | 95017520 | CUSHMAN, S | NUW57398 | 10 5N102 | <i>C. Wilson</i> |
|-----|----------|------------|----------|----------|------------------|

|     |          |              |          |          |                 |
|-----|----------|--------------|----------|----------|-----------------|
| 125 | 95017970 | WEINSTEIN, L | NUW54917 | 10 8C101 | <i>W. Daley</i> |
|-----|----------|--------------|----------|----------|-----------------|

|    |          |            |          |          |                       |
|----|----------|------------|----------|----------|-----------------------|
| 21 | 95018159 | METZGER, H | NEG62260 | 10 9N256 | <i>Robert Metzger</i> |
|----|----------|------------|----------|----------|-----------------------|

MODE:F ACTION:14

RADIO ACTIVE MATERIAL

01 ITEM NO 95018967

|                         |           |                   |          |         |          |
|-------------------------|-----------|-------------------|----------|---------|----------|
| 02 ORDER NO NEF13742    | BLANKET N | 05 ARRIVED        | 06/23/95 | CHECKED | 06/23/95 |
| 03 USER ID 010162 CLARK |           | 06 CONTAMINATED N |          | HUMAN   |          |
| 04 STORED N LOCATION    |           | 07 DELIVERED      | 06/23/95 | TO:     | 37 5E 24 |

## ITEM INFORMATION

23 ADP ORDER INFO

|  |                |
|--|----------------|
| 08 CHEMICAL COMPOUND OR ITEM DESCRIPTION | 09 CATALOG NUM |
| ATP                                      | BLU502A        |

## ACTUAL

|                   |             |       |                 |
|-------------------|-------------|-------|-----------------|
| 10 NUCLIDE P - 32 | 11 ACTIVITY | 1.000 | 12 SUPPLIER NEN |
|-------------------|-------------|-------|-----------------|

MODE:F ACTION:

## PACKAGE USERS

|    | USER-ID LAST NAME, | FIRST   | STATUS | AUTH | BWRLCN | USER MENU |
|----|--------------------|---------|--------|------|--------|-----------|
| 01 | 015302 WORLAND     | PETER   | A      | N    | YNYNNN | 07        |
| 02 | 023880 CARLSON     | BRADLEY | A      | N    | YNYNNN | 08        |
| 03 |                    |         |        |      |        | 09        |
| 04 |                    |         |        |      |        | 10        |
| 05 |                    |         |        |      |        | 11        |
| 06 |                    |         |        |      |        | 12        |

Can't change the specified field(s).

MODE:F ACTION:17

RADIO ACTIVE MATERIAL

01 ITEM NO 95018967

|                         |           |                   |          |         |          |
|-------------------------|-----------|-------------------|----------|---------|----------|
| 02 ORDER NO NEF13742    | BLANKET N | 05 ARRIVED        | 06/23/95 | CHECKED | 06/23/95 |
| 03 USER ID 010162 CLARK |           | 06 CONTAMINATED N |          | HUMAN   |          |
| 04 STORED N LOCATION    |           | 07 DELIVERED      | 06/23/95 | TO:     | 37 5E 24 |

## ITEM INFORMATION

23 ADP ORDER INFO

|  |                |
|--|----------------|
| 08 CHEMICAL COMPOUND OR ITEM DESCRIPTION | 09 CATALOG NUM |
| ATP                                      | BLU502A        |

## ACTUAL

|                   |             |       |                 |
|-------------------|-------------|-------|-----------------|
| 10 NUCLIDE P - 32 | 11 ACTIVITY | 1.000 | 12 SUPPLIER NEN |
|-------------------|-------------|-------|-----------------|

MODE:F ACTION:

## LAB DELIVERIES

AMOUNT IN STORAGE

0.000

|    | AMOUNT | DATE     | LOCATION | CONFIRMATION |
|----|--------|----------|----------|--------------|
| 01 | 1.000  | 06/23/95 | 37 5E 24 | 07           |
| 02 |        |          |          | 08           |
| 03 |        |          |          | 09           |
| 04 |        |          |          | 10           |
| 05 |        |          |          | 11           |
| 06 |        |          |          | 12           |

06/23/95  
13:56

*Jr*  
DELIVERY ROUTE SHEET

PAGE 2

| Time | Item Num | Authorized User | PO Num | Address | Printed Name & Signature |
|------|----------|-----------------|--------|---------|--------------------------|
|------|----------|-----------------|--------|---------|--------------------------|

|  |          |              |          |          |                |
|--|----------|--------------|----------|----------|----------------|
|  | 95018508 | MUSHINSKI, F | MQ502466 | 37 2B 24 | <i>K. Hupp</i> |
|--|----------|--------------|----------|----------|----------------|

|  |          |           |          |          |                   |
|--|----------|-----------|----------|----------|-------------------|
|  | 95018838 | FEWELL, J | NPL18263 | 37 4C 03 | <i>J. Morozov</i> |
|--|----------|-----------|----------|----------|-------------------|

|  |          |          |          |          |                    |
|--|----------|----------|----------|----------|--------------------|
|  | 95017998 | ALAMO, I | MQ511948 | 37 5C 01 | <i>[Signature]</i> |
|  | 95017056 | ALAMO, I | MQ511948 | 37 5C 01 |                    |

|  |          |          |          |          |                    |
|--|----------|----------|----------|----------|--------------------|
|  | 95018967 | CLARK, J | NEF13742 | 37 5E 24 | <i>[Signature]</i> |
|--|----------|----------|----------|----------|--------------------|

|  |          |         |          |          |  |
|--|----------|---------|----------|----------|--|
|  | 95018832 | HOOK, W | NUY00927 | 10 1A 09 |  |
|  | 95018831 | HOOK, W | NUY00927 | 10 1A 09 |  |

|  |          |           |          |          |  |
|--|----------|-----------|----------|----------|--|
|  | 95019017 | LIOTTA, L | NSQ64872 | 10 2C533 |  |
|--|----------|-----------|----------|----------|--|

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|  | 95018851 | TOLLIVER, T | NFF81973 | 10 3D 41 |  |
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|  | 95018907 | NISSLEY, S | NUF89773 | 10 3B 56 |  |
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|  | 95018815 | SMITH, C | NFF81310 | 10 3C108 |  |
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|--|----------|--------|----------|----------|--|
|  | 95018309 | KIM, H | NQU29016 | 10 3C212 |  |
|--|----------|--------|----------|----------|--|

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|--|----------|-----------|----------|----------|--|
|  | 95018617 | POTTER, W | NJZ27898 | 10 3N315 |  |
|--|----------|-----------|----------|----------|--|

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|--|----------|---------|----------|----------|--|
|  | 95018895 | KOHN, E | NSQ63277 | 10 4B 11 |  |
|--|----------|---------|----------|----------|--|

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|  | 95018930 | SINGER, D | NDK51405 | 10 5B 09 |  |
|--|----------|-----------|----------|----------|--|

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|--|----------|------------|----------|----------|--|
|  | 95018929 | SHEARER, G | NDK51053 | 10 5A 33 |  |
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|  | 95018821 | KASHMIRI, S | NDB27947 | 10 5B 39 |  |
|--|----------|-------------|----------|----------|--|

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|--|----------|-----------|----------|----------|--|
|  | 95101220 | SEGARS, J | NGL98071 | 10 6C215 |  |
|--|----------|-----------|----------|----------|--|

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|  | 95101187 | SHAMBUREK, R | NJY06754 | 10 7N107 |  |
|--|----------|--------------|----------|----------|--|

EXHIBIT 81  
PAGE 6 OF 6 PAGE(S)

# EXHIBIT 82

REPORT OF INTERVIEW  
WITH  
WENLING ZHENG AND WENLI MA

On July 20, 1995, Wenling ZHENG (Bill) and Wenli MA (Maryann) (husband and wife) were interviewed by Nuclear Regulatory Commission (NRC), Medical Inspection Section A, Division of Radiation Safety and Safeguards (DRSS), Senior Health Physicist James P. DWYER and Region I, Deputy Director DRSS, Susan SHANKMAN. Also present during the interview were NRC, Office of Investigations (OI), Investigator Gerard Kenna and NRC, Office of Nuclear Material Safety and Safeguards (NMSS), Division of Industrial and Medical Nuclear Safety (IMNS) Radiation Biologist Patricia K. HOLAHAN. The interview was conducted at Building 37, at the National Institute of Health (NIH), Bethesda, MD. Kenna and Holahan are assigned to the FBI/NIH Police/OI criminal investigation of the Phosphorus-32 (P-32) contamination incidents at NIH. The interview started at approximately 3:45 p.m. and no other persons were present. The purpose of the interview, by SHANKMAN and DWYER, was to obtain additional information needed by the Augmented Inspection Team (AIT) regarding the contamination incident at the NIH in which MA was contaminated with P-32. ZHENG and MA provided the following information that the writer could recall that was not provided during the FBI/OI interview of ZHENG on July 18, 1995, and FBI/NIH Police/OI interview of MA on July 19, 1995.

ZHENG and MA related information regarding the contamination of MA at NIH.

P-32 and P-33 are normally not mixed together in a centrifuge tube during experiments.

The unknown male described by MA during her FBI/NIH Police/OI interview of July 19, 1995, was identified as Barry BRUNO (phonetic). BRUNO and WEINSTEIN were in the conference room on Wednesday June 28, 1995, when the food was retrieved from the microwave. Other staff members that work in WEINSTEIN's laboratory could provide further information regarding the identity of BRUNO.

WEINSTEIN does not personally use or handle radioisotopes in the laboratory.

ZHENG was at the laboratory on Monday June 26, 1995, and used radioisotopes. ZHENG conducted a radiation survey. MA was not at the laboratory on June 26th when radioisotopes were used. She avoids being near radioisotopes because of her pregnancy.

Radioisotopes were used by ZHENG on Tuesday June 27, 1995, and ZHENG conducted a radiation survey. ZHENG and MA worked late at the laboratory that night.

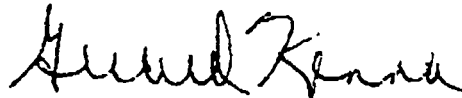
On Wednesday, June 28, 1995, ZHENG and MA arrived at the laboratory at approximately 10:00 a.m., and at approximately 1:00 p.m. WEINSTEIN arrived at the laboratory. ZHENG and MA departed the laboratory just after 1:00 p.m. to go to the library. At approximately 4:30 p.m. ZHENG and MA returned from the library. No radioisotopes were used by ZHENG. ZHENG could not recall conducting a radiation survey. Only MA had dinner, at approximately 5:30/6:00 p.m., and the dinner was cooked in the microwave in the conference room. ZHENG and MA departed the laboratory enroute their residence at approximately 6:30 p.m.

On Thursday, June 29, 1995, ZHENG and MA arrived at the laboratory at approximately 8:30 a.m. No radioisotopes were used that day. About 2:00 p.m. ZHENG and MA departed to return to their residence because MA was tired and wanted a rest. At approximately 4:30 to 5:00 p.m. they both returned to the laboratory. They both planned to work at the laboratory until approximately 10:00 p.m.

The interview was completed at approximately 5:30 p.m.

This interview was reported on July 20, 1995.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I



Case No. 1-95-033A

2

EXHIBIT 82  
PAGE 2 OF 2 PAGE(S)

# EXHIBIT 83



REPORT OF INTERVIEW  
WITH  
WENLING ZHENG AND WENLI MA

On July 21-24, 1995, Wenling ZHENG (Bill) and Wenli MA (Maryann) (husband and wife) were interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna, and NRC, Office of Nuclear Material Safety and Safeguards (NMSS), Division of Industrial and Medical Nuclear Safety (IMNS), Radiation Biologist Patricia K. HOLAHAN. The interview was conducted at National Institute of Health (NIH) Police Department, Bethesda, MD. Kenna and HOLAHAN are assigned to the FBI/NIH Police/OI criminal investigation of the phosphorus-32 (P-32) contamination incidents at NIH. No other persons were present during the interviews. The purpose of the interview, was to obtain additional information needed for the investigation regarding the contamination incident at the NIH in which MA was contaminated with P-32. ZHENG and MA provided the following information that was not provided during the FBI/OI interview of ZHENG on July 18, 1995, and FBI/NIH Police/OI interview of MA on July 19, 1995.

ZHENG and MA wrote a research paper titled "Restriction Display (RD-PCR) of Differentially Expressed mRNAs." This paper was first facsimiled to England, then sent overnight via Federal Express by John WEINSTEIN, ZHENG and MA's mentor and supervisor at NIH. Both ZHENG and MA don't know why the paper was sent to England, but WEINSTEIN showed them a pink copy of a receipt from the Federal Express Company document. Later, WEINSTEIN gave them a copy of an e-mail from England seeking additional information about the paper. ZHENG and MA are suspicious of WEINSTEIN because the Federal Express bill was charged to WEINSTEIN's personal credit card instead of the NIH mailroom and the e-mail message appears to be tampered with regarding the justification of the document. ZHENG and MA also stated that the questions asked in the e-mail message are the same questions that WEINSTEIN asked a few days prior to their review of the e-mail document.

MA said that her morning sickness started to become strong on Tuesday, June 27, 1995, and continued. The morning sickness became very severe on Friday, June 30, 1995. They both denied that they have other children in China. ZHENG stated that WEINSTEIN started a rumor that they have another child in China.

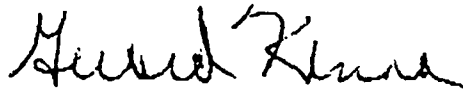
Since the contamination incident both ZHENG and MA have not returned to Building 37. They have spoken to fellow laboratory employees Tim MYERS, Yi FAN, and GUANG LI. MA was aware that on Thursday night (June 29, 1995) FAN returned to laboratory and observed WEINSTEIN wearing a lab coat and rubber gloves. ZHENG, MA, and FAN reside in the same apartment complex. According to MA, FAN said that WEINSTEIN was working the night MA was discovered contaminated with P-32. MA said that FAN observed WEINSTEIN wearing gloves.

According to ZHENG and MA only [REDACTED] was present with WEINSTEIN when ZHENG discovered that MA was contaminated with P-32.

ZHENG and MA provided a cover letter dated July 16, 1995, a copy of their research paper titled "Restriction Display (RD-PCR) of Differentially Expressed mRNAs," a copy of a letter and facsimile from England dated June 27,


1995, a manuscript submittal form, instructions to the author, e-mail message dated June 29, 1995, and a Federal Express receipt.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I

Attachment:  
As stated



Case No. 1-95-033A

2

EXHIBIT 83  
PAGE 2 OF 18 PAGE(S)

Wenli Ma, MD., Ph.D.  
Wenling Zheng, MD, Ph.D.

July 16, 1995

Mr. Jerry Kenna  
Investigator  
U.S. Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, PA 19406

Dear Mr. Jerry Kenna

Here's some extra information that you may requested:

The telephone number of Dr. John Buolamwini: 601-232-5882 (O) and [REDACTED]. Dr. John Buolamwini had been working as an international visiting fellow in NIH prior to our arrival. He might be knowing the laboratory in NCI-Frederick, since John took him as well as us to that lab the first weekend we arrived here, doing some experiments which lasted from 8:00 pm to 4:00 am. He had also complained that John's did not respect other person's individuality, saying that he started a collaboration with a company that provided service in 2-D gels, but John monopolize the connection himself.

Mr. Maken Doran of OTT: 496-7735 ext 215. Mr. Doran had called John around February, asking some technical questions, when we had already got the preliminary data using our modified protocol, when John happened to go to San Francisco for a meeting. Mr. Doran's call was transferred to me by someone since he would like someone who's familiar with the technique for certain explanation. I did give him some of the explanations. While I told John about this when he's back, he said he never expected that I talk with OTT. Two weeks later, I received a call from Mr. Doran when John's not available again, but I did not talk much with him.

Thanks for the concern and help.

Sincerely,

  
Wenling Zheng, & Wenli Ma., MD., Ph.D.

Enclosure:

1. e-mail return with the margin not being justified.
2. Express mail receipt that John'd alleged of mailing to England.
3. Instruction to authors, indicating the address of the Editorial Office in the U.S., also restrictions that for short method paper must be within two print pages.
4. Manuscript submittal form that John fax to Prof. Ian Eperon, which is not the legal address of the Editorial Office in U.K., also, the total length (2.13) was intentionally surpass the limit.

EXHIBIT 83  
PAGE 3 OF 18 PAGE(S)

PAGES 4 - 11 OF THIS EXHIBIT IS A RESEARCH REPORT. THESE PAGES ARE BEING  
MAINTAINED IN THE OFFICE OF INVESTIGATIONS:HEADQUARTERS



## DEPARTMENT OF HEALTH &amp; HUMAN SERVICES

Public Health Service

Prof. Ian Eperon  
Department of Biochemistry  
University of Leicester  
University Road  
Leicester LE1 7RH  
England

National Institutes of Health  
National Cancer Institute  
Bethesda, Maryland 20892

June 27, 1995

Dear Prof. Eperon:

Attached is a manuscript entitled "Restriction Display (RD-PCR) of Differentially Expressed mRNAs" by Wenling Zheng, Wenli Ma, and John N. Weinstein. Thank you for offering to look at it in FAXed form. Unfortunately, the half-tone figures won't be intelligible from the FAX, I fear. Figure 3, in particular, is quite striking for the number and clarity of bands displayed, but that won't be obvious from the FAX. Hence, we will send copies of the manuscript by express mail later today, and they should reach you by Thursday or Friday. Good quality in the half-tones may or may not be significant to your current decision-making.

The manuscript describes what we believe to be an interesting approach to the display of expressed mRNA species. Given the brevity of the manuscript itself, I won't burden you by repeating here the features and advantages of the method.

With respect to Editorial policy: Assuming that the manuscript is to be reviewed, we hope that it will be sent with a strong request for confidentiality, since the patenting process is not yet complete. Also, we entirely trust your judgment but would prefer that it not be reviewed by other laboratories engaged in developing approaches to mRNA display.

We will be most grateful for any feedback that Editorial policy and your schedule permit you to give us before your departure on the weekend. Coincidentally, I will be flying to France on Sunday for a week's stay.

With best regards,

Yours sincerely,

John N. Weinstein, M.D., Ph.D.

Chief-designate, Molecular Biophysics Section

Laboratory of Molecular Pharmacology, DTP, DCT

National Cancer Institute

Bldg 37 Rm 5C-25, NIH, 9000 Rockville Pike

Bethesda, MD 20892

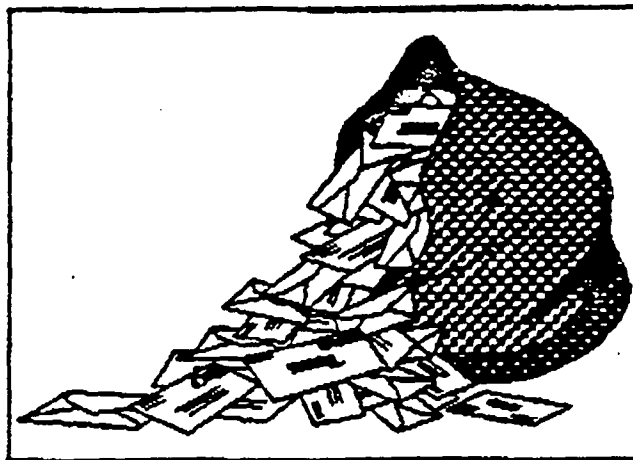
301-496-9571 FAX: 301-402-0752 weinstein@dpax2.ncicrf.gov

PS. The e-mail address is usually good for communication but occasionally unreliable.

PPS. I suppose there should also be a "Leicestershire" in the address but that would be far too much of a good thing.

EXHIBIT 83  
PAGE 12 OF 18 PAGE(S)

FAX



**FACSIMILE TRANSMISSION**

TO: Prof. Ian Eperon

FAX NO. 44-1162-523-369 (Phone: 44-1162-523-482)

FROM: John Weinstein

DATE: 6/27/95

TOTAL # OF PAGE: 11  
(INCLUDED COVER PAGE)

TELEFAX REPLY #: (301) 402-0752

MESSAGE: \_\_\_\_\_  
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LABORATORY OF MOLECULAR PHARMACOLOGY  
DEVELOPMENTAL THERAPEUTICS PROGRAM  
DIVISION OF CANCER TREATMENT  
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Manuscript details

Title Restriction Display (RD-PCR) of Differentially  
Expressed mRNAs

First author Wenling Zheng

EMBL/GenBank/DDBJ accession no.(s) \_\_\_\_\_

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Length (The total number of printed pages per Full paper are only in exceptional cases more than 8 and per Short paper are 1-2.)

To calculate the length of the printed article please complete the following:

Total No. words = 1407 + Total No. figures & tables = 3 = 2.13  
1240 3

Paper type (category)

Survey & Summary ☐ Molecular Biology ☐ RNA ☐ Chemistry ☐ Enzymology ☐  
Genome Structure & Mapping ☐ Computational Biology ☐ Structural Biology ☐ Methods ☐  
Short Methods ☒

Corresponding author

Name John N. Weinstein, M.D., Ph.D.

Address Bldg 37 Rm 5C25

National Institutes of Health

9000 Rockville Pike, Bethesda, Md 20892, USA

Tel 301-496-9571

Fax 301-402-0752

Email weinstein@dtpe2.ncifcrf.gov

Signature John N. Weinstein

(this is on behalf of all authors and signifies that they are in complete agreement with the contents of the paper and are prepared to abide by the policies of the journal)

Disk submission

☐ Disk enclosed ☒ Disk to follow at revision

EXHIBIT 83  
PAGE 14 OF 18 PAGE(S)

# Instructions to Authors

Please read these instructions carefully and follow them strictly to ensure that the review and publication of your paper is as efficient as possible. Please note that on submission all manuscripts must be accompanied by a manuscript submittal form, a copy of which can be found at the end of these instructions.

## SCOPE OF THE JOURNAL

*Nucleic Acids Research* provides rapid publication for papers on physical, chemical, biochemical and biological aspects of nucleic acids and proteins involved in nucleic acid metabolism and/or interactions.

## ORGANIZATION OF THE JOURNAL

### Surveys & Summaries

This section is intended to provide a format for brief reviews. The section heading is deliberately chosen so that material not normally acceptable in a formal review article can be presented.

### Full-length papers

This section includes papers placed in the RNA, Molecular Biology, Enzymology, Chemistry, Genome Structure and Mapping, Computational Biology, Structural Biology and Methods headings.

### Short Methods (2 printed pages)

This section is intended for short methods that do not merit a full-length paper but which are nevertheless complete, original and useful methods.

## CRITERIA FOR CONSIDERATION

The Journal can only publish a fraction of the manuscripts it receives. For this reason, the Editors insist that all manuscripts considered for publication must present some novel development and meet the criteria of originality, timeliness, significance and scientific excellence.

**Sequences:** technical progress has greatly increased the ease of obtaining new sequence information—the Editors will consider only those manuscripts in which new sequences are accompanied by complementary data with relevance to genomic organization, transcription, RNA processing, expression and genetic analysis; the reported sequence must shed significant new light on basic questions of structural or functional interest. Manuscripts describing comparative sequence analysis will only be considered if the genes are of relevance to nucleic acid metabolism or interactions and some new important findings emerge. Sequences of genes for well-studied RNAs (as well as the RNA sequences themselves) are not acceptable unless of unusual interest. Also, it is unnecessary and usually undesirable to print all the sequence. Provided that the sequence is available for the referees and has been deposited in the databank, only those parts relevant to the discussion of the results will be printed.

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**Genome mapping:** for prokaryotic genomes only complete chromosome maps will be considered. For higher organisms, unless extraordinary circumstances prevail, genome structure and mapping papers should introduce new technical advances or should describe a complete intron–exon structure for a gene relevant to nucleic acid metabolism and interactions.

**Chromosome assignment papers** where only cytological data are presented are not acceptable. Likewise, simple NMR assignment papers are not acceptable. Only those that present new information not previously available from other methods are considered.

**Computational Biology papers** will only be considered if they describe new applications or novel algorithms relevant to nucleic acid sequence determination or analysis. Small improvements in existing programs or variations of well-established algorithms will generally not be suitable. Manuscripts dealing with computer analysis of already published sequences will be considered if new and interesting findings emerge.

## Methods papers

Significant new methods can be published in three forms, all of which are listed under 'Methods' in the Table of Contents.

(i) In the 'Methods' section of a paper presenting new data of interest, in which case the title of the paper will be listed in the Table of Contents under both the normal subject category and in the Methods category.

(ii) As full-length 'Methods' papers if an outstanding and potentially very useful advance is clearly documented.

(iii) As 'Short Methods' (1–2 printed pages). These can include useful improvements on existing methods. However, the authors are advised that, due to intense competition for publication in this section, only those manuscripts reporting developments of the highest originality and usefulness will be published and trivial or obvious variations on established methods are unacceptable. The method should be described in sufficient detail for it to be reproduced, and there must be evidence that the method is reproducible and reliable (such evidence may take the form of supplementary data for the benefit of the referees).

## ACCESSION NUMBERS & ATOMIC COORDINATES

Authors should be aware that all new sequence information, including that which extends a previously determined sequence already present in the database (and which already has an accession number) must be submitted to the EMBL Nucleotide Sequence Database for a new accession number. This number must be provided when submitting the manuscript. For details see Volume 23 (1).

Nucleotide sequence data reported in *Nucleic Acids Research* with an EMBL database accession number can be retrieved electronically from the File Server at the European Bioinformatics Institute (EBI). This is a free service which can be used by anyone who has access to electronic mail networks. For example, to get the sequence with the accession number X55652, a mail message should be sent to the Internet address [netserve@ebi.ac.uk](mailto:netserve@ebi.ac.uk) including the following line:

GET NUC:X55652

The requested data will be returned automatically via electronic mail. The most important file server command to get users started, is:

### HELP

How to contact the EMBL Nucleotide Sequence Database:

- (a) Computer network: [DATASUBS@EBI.AC.UK](mailto:DATASUBS@EBI.AC.UK) (for data submissions); [DATALIB@EBI.AC.UK](mailto:DATALIB@EBI.AC.UK) (for other enquiries); [UPDATE@EBI.AC.UK](mailto:UPDATE@EBI.AC.UK) (for updates/publication notifications).
- (b) Postal address: EMBL Nucleotide Sequence Submissions, European Bioinformatics Institute, Hinxton Hall, Hinxton, Cambridge CB10 1RQ, UK.
- (c) Tel: +44 (0) 1223 494401
- (d) Fax: +44 (0) 1223 494472 (for data submissions) and +44 (0) 1223 494468 (general).

The Journal now requires that atomic coordinates for crystal structures should be deposited with a database prior to manuscript submission. Appropriate databases are as follows. Nucleosides, nucleotides and other small molecules: Cambridge Crystallographic Data Centre (CCDC). Proteins, polypeptides etc.: Protein Data Bank (PDB). Oligonucleotides: CCDC or PDB. For details on deposition of data see Volume 20 (1).

## JOURNAL POLICIES

It is our continued policy that all strains, clones, cell lines, hybridomas, X-ray and NMR coordinates, and computer programs that are described in publication in the Journal should be made immediately available to any qualified investigator upon request. Authors submitting manuscripts to *Nucleic Acids Research* must agree to adhere to this policy. The Editors are prepared to deny further publication rights in the Journal to authors unwilling to abide by this principle.

Submission of a paper implies that it reports unpublished work and that it is not under consideration elsewhere. The signature of the corresponding author is on behalf of all authors and assumes that they are in complete agreement with the contents of the paper and are prepared to abide by the policies of the Journal.

If previously published tables, illustrations, or more than 200 words of text are to be included, then the copyright holder's permission must be obtained, copies of any such permission letters should be enclosed with the paper. It is the responsibility of the authors to obtain authorization for all personal communications. Appropriate letters should accompany manuscripts. Notes stating that two or more authors have contributed equally will not be allowed. The Editors will only honour requests for back-to-back publication if the papers are submitted together with a joint signed undertaking indicating consent.

EXHIBIT

PAGE 15 OF 18 PAGE(S)



**Length:** Papers should be of a length appropriate for the amount of information contained but should not usually exceed 8 printed pages. The typical number of words on a text-only printed page is 1240. In calculating the final length of the manuscript please allow a 1/3-page for each figure or table.

**Sections of the manuscript:** The abstract should be a single paragraph, not exceeding 200 words. The references should be numbered in order of appearance and must be listed numerically. The citation of journals (abbreviated in the style of Chemical Abstracts), books and multi-author books and sequence data not published and only available from the databank entry should conform with the following examples

1. Holdsworth, M.J., Bird, C.R., Ray, J., Schuch, W. and Grierson, D. (1987) *Nucleic Acids Res.*, 15, 7312-7319.
2. Huynh, T.V., Young, R.A. and Davies, R.W. (1988) In Glover, D.M. (ed.), *DNA cloning—A Practical Approach*. IRL Press, Oxford, Vol. 1, pp. 49-78.
3. Maniatis, T., Fritsch, E.F. and Sambrook, J. (1982) *Molecular Cloning: A Laboratory Manual*. Cold Spring Harbor University Press, Cold Spring Harbor.
4. Muller, S.J. and Caradonna, S. (unpublished). X52486.

References of the type Smith *et al.* (1989) must not be used.

In Survey and Summary articles, full titles may be included in the References at the Executive Editor's discretion.

**Figures:** Hard copies of the figures should be provided, and if generated electronically, should be provided as a separate file on the disk and NOT embedded within the text file. Each figure should be referred to in the text. On the back of each figure mark the number and the name of the first author, and indicate the top margin. If possible the figures should be submitted in the desired final size so that reduction can be avoided. The type area of a page is 240 mm (height) x 184 mm (width) and figures should not exceed these dimensions. A single column is 88 mm wide and a double column is 184 mm wide. Ideally a figure should fit either a single or double column. However, all sequence figures must be typed to the full width of the page. Any lettering should be approximately 2 mm in height. If submitting figures that require reduction, please ensure that the lettering will be clearly legible after reduction to final size. Photographs should be provided as high-quality glossy prints in order to withstand the inevitable loss of contrast and detail inherent in the printing process. Line drawings should be provided as good-quality hard copies suitable for reproduction as submitted. If the data shown are computer-generated images (such as those from a phosphor imager) the relationship between the signal and the image intensity over a specified range be stated (e.g. linear or sigmoidal). Unless it is stated to the contrary, it is assumed that all except background signals will be within this range and that the image will be undistorted. No additional artwork, redrawing or typesetting will be done by the Publishers. Essential colour figures are free of charge for academic authors. Please note that all figure legends should be included on the disk.

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These papers should fit within 1-2 printed pages: any Short Method paper that exceeds 2 printed pages will be returned to the author. The text should not be divided into sections, apart from the Acknowledgements and References.

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It is recommended that the disk be submitted at the time of revision. A covering letter should be included explaining why rapid publication in the journal is appropriate and outlining any special considerations with respect to editorial policy.

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Tel: (703) 356 4301 Fax: (703) 356 4303

Address for all courier mail to:

The Editor, *Nucleic Acids Research*, 6819 Elm Street, McLean, VA 22101, USA.

Please note that all computational biology papers should be submitted to McLean.

#### From the Rest of the World

Prof. R.T. Walker, School of Chemistry, The University of Birmingham, Edgbaston, Birmingham B15 2TT, UK.

Tel: (+44121 or 0121) 476 1688 Fax: (+44121 or 0121) 477 5376

#### All Short Methods to:

The Editor, *Nucleic Acids Research*, Oxford University Press, Journals Department, Walton Street, Oxford OX2 6DP, UK

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EXHIBIT

PAGE 16 OF 18 PAGE(S)

**Ian Eperon, 10:42 AM 6/29/95 ..., NAR m/s****1**

From: Ian Eperon <eci@leicester.ac.uk>  
To: weinstein@dtpr2.ncifcrf.gov  
Date: Thu, 29 Jun 1995 10:42:53 +0100 (BST)  
Subject: NAR m/s  
Reply-to: ECI@leicester.ac.uk  
Priority: normal  
X-miler: Pegasus Mail/Mac (v2.1.2)  
Message-ID: <1ECE7AD3AFF@pear.le.ac.uk>

Dear Dr Weinstein,

Thanks for the fax. I have looked at the m/s. I am not an expert in differential display, and thus cannot rule on the novelty of the development, but I found the ideas appealing and, at least in principle (the figures were not very good after faxing), the m/s appears to be very suitable for NAR. I have two questions: (i) is the pattern seen in each case reproducible, i.e., does the same RNA always give the same pattern with the same primers, and (ii) do the fragments that differ between the two cell types correspond to RNA that is differentially expressed? It is possible, of course, to submit data for the benefit of the referees only in support of the claims of a method (one can refer in the text to <<data submitted but not shown>>).

I will send this out for review with pleasure, and I hope to be able to let you know the replies of the reviewers soon after I return. If, in the meantime, you do want to send any supplementary material to the reviewers, please send it with an explanatory note to Ms M. Groves at this department.

Yours sincerely,  
Ian Eperon.  
I.C. Eperon  
Department of Biochemistry  
University of Leicester  
University Road  
Leicester LE1 7RH  
UK  
Phone: 011-44-533-523482  
Fax: 011-44-533-523369

EXHIBIT

83

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| FROM (Your Name) Please Print<br>John N. Weinstein  |   | Company<br>NIH Bldg 37 Rm 5C25  |                                  | Dept./Floor No.  |                           |
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# EXHIBIT 84



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
OFFICE OF INVESTIGATIONS FIELD OFFICE, REGION I  
475 ALLENDALE ROAD  
KING OF PRUSSIA, PENNSYLVANIA 19406

January 30, 1996

W. N. Crane  
Director, Special Operations  
U.S. Department of State, OIG  
1700 N. Moore Street, Room 840  
Arlington, VA 22209-3908

Re: Wenli Ma and Wenling Zheng

Dear Mr. Crane:

The Nuclear Regulatory Commission's (NRC) Office of Investigations (OI), the National Institutes of Health (NIH) Police Department, and the Federal Bureau of Investigation (FBI) are conducting a joint criminal investigation under the supervision of the Department of Justice, U.S. Attorney's Office, Greenbelt, Maryland.

The investigation concerns the internal radiation contamination, by radioactive phosphorus-32 (P-32), of Dr. Wenli Ma. Dr. Ma is a citizen of the Peoples Republic of China (PRC) and entered this country on August 16, 1994, at San Francisco, California, with her husband, Dr. Wenling Zheng. Both Ma and Zheng are medical researchers working under the Fogarty International Visiting Fellowship program at the NIH, National Cancer Institute, Bethesda, Maryland.

Dr. Zheng discovered that Dr. Ma was contaminated with P-32 while using a survey meter on June 29, 1995. Both were working in their laboratory at NIH; however, neither was using radioactive material at the time. At the time of the incident, Dr. Ma was four months pregnant, and both of them indicated that she may have eaten food laced with P-32. Approximately two weeks after Dr. Ma was discovered contaminated, a water cooler in the vicinity of their work area was also discovered to be contaminated with P-32 and radioactive phosphorus-33. Subsequently, 26 additional people were identified as having been contaminated with radioactive P-32; however, at significantly lower levels.

During the course of the investigation, it has been alleged that Ma and Zheng may have had ulterior motives regarding the contamination incident. Specifically, that a possible motive was that Ma and Zheng may have additional children living in China, and the birth of another child would be a violation of Chinese guidelines. Both Ma and Zheng deny having children living in China and both deny culpability in the contamination incident.

This letter will serve as a formal request that your office provide assistance to this investigation. At the present time, OI is seeking Ma and Zheng's visa application and any documentation or information that they submitted to the embassy or consulate.

Ma was issued a J-1 visa on May 16, 1994, at Guang Zhou, PRC. Her passport

CASE NO. 1 - 95 - 033 -

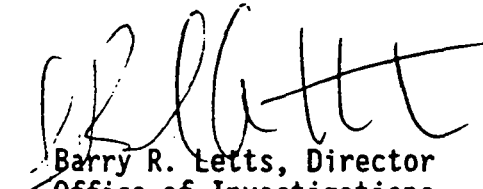
EXHIBIT 84  
PAGE 1 OF 22 PAGE(S)

number is [REDACTED] Zheng was issued a J-1 visa on August 9, 1994, at Guang Zhou, PRC. His passport number is [REDACTED]

Appended for your information is Ma and Zheng's personnel history obtained during the investigation, their personal résumés, and documents obtained from NIH regarding their immigration status.

Your cooperation in this matter is greatly appreciated. Should you desire any further information please contact Special Agent Jerry Kenna at 610-337-5336.

Sincerely,

  
Barry R. Letts, Director  
Office of Investigations  
Field Office, Region I

Attachments:  
As stated

Name: Dr. WEN LING ZHENG  
Aka: Bill Zheng  
Race: Oriental  
Sex: Male  
Date of Birth: [REDACTED]  
Place of Birth: [REDACTED]  
  
Height: 5'9" to 5'10"  
Weight: 140 pounds  
Hair: Black  
Eyes: Brown  
Home Address: [REDACTED]  
  
Local Address: [REDACTED]  
  
Education: Guang Zhou Medical University  
Guang City, China 1980-1988  
Medical Degree in  
Pathology and Oncology  
Beijing Medical University  
Beijing, China 1988-1991  
Ph D - Cancer Biology  
Guang Zhou Medical Hospital  
(Physician) Guang City, China  
1993-1994 (on leave status)  
National laboratory of  
Molecular Oncology, NIH,  
Bethesda, Maryland  
Visiting Fellow  
1994 to Present  
Occupation: Doctor/Research Scientist  
Spouse: WEN LI MA  
(Oriental Female)  
[REDACTED]  
Parents: ZHIXING ZHENG (Father)  
FENQIN ZHANG (Mother)  
Both in Kaifeng City, China

Name: WEN LI MA  
Alias: MARYANN MA  
Race: Oriental  
Sex: Female  
Date of Birth: [REDACTED]  
Place of Birth: [REDACTED]  
  
Height: 5'0"  
Weight: 110 pounds  
Residence: [REDACTED]  
  
Telephone Number: [REDACTED]  
Married: [REDACTED]  
  
Parents: Dr. WEN LING ZHENG  
(Oriental, Male)  
Date of Birth [REDACTED]  
YANG HUA YAO (Father)  
BI LING MA (Mother)  
Guang Zhou City, China  
  
Occupation: Research Worker (1987 - 1990)  
Teacher (1985 - 1987)  
  
Education: Beijing University Medical  
College,  
PHD Degree [REDACTED]  
  
ZHONG SHAN UNIVERSITY  
Guang Zhou, China  
Post Graduate Degree  
[REDACTED]  
  
Current Employment: Visiting Research Scientist  
National Institutes of Health  
Laboratory of Molecular  
Pharmacology  
Bethesda, Maryland



# Wenling Zheng, MD., Ph.D.

## Current Address:



## Working Address:

Lab of Molecular Pharmacology  
NCI / NIH Bldg 37 / 5D-18  
9000 Rockville Pike,  
Bethesda, MD. 20892  
Tel: 301-496-9572,  
Fax: 301-402-0752

**Objective:** Basic and Applied Research on Cancer Molecular Biology

## Qualifications:

- Eight years of various molecular biological research experiences: Molecular Biology, Molecular Oncology, Molecular Pharmacology, Molecular Genetics, PCR related studies.
- Ten years of various cancer cell biology and animal model research experience: Cell culture, Gene transfer, Reporter gene system, Retroviral system, Liposomal system.
- Various morphological and structural biology research experience: In situ hybridization, histo- or cytochemistry and immunochemistry, optical and electron microscopic techniques.
- Molecular Informatics: retrieve, edit, fasta/blasta, map, sort and analyze genetic information through nucleic acid and protein databases, with UNIX based mainframe (GCG, etc.) or PC based programs (MacVector, etc.)
- Clinical oncology experience: Chemotherapy; Biological therapy ( with LAK or TIL and gene therapy ), Traditional Chinese Herbal Medicines.
- Read, write and speak Chinese and English, read Japanese and French.

## Education:

- MD. 1980-1988: Faculty of Medicine. The First Medical College and The Sun Yat Sen's Memorial University of Medical Sciences. ( Guang Zhou ). P. R. China.
- Ph.D. 1988-1991: Ph.D. in Cancer Cell and Molecular Biology. Dept of Cancer Biology and Pathology, Institute of Basic Medical Sciences, Beijing Medical University. Beijing, P.R. China.
- M.S. 1985-1988: MS. in Cancer Pathology, Dept of Pathology, Faculty of Medicine. The First Medical College, Guangzhou, P.R. China.

EXHIBIT 1

- M.B. 1980-1985: Medical Bachelor Degree: Faculty of Medicine. The First Medical College. Guangzhou, P.R.China.

**Experience:**

- Associate Professor and Physician in Charge: 1994, 4 to present: Head, Molecular Oncology Section, working on phage display antibody and possible applications in gene therapy. , Medical Center, Liu Hua Qiao General Hospital. Guangzhou, China

- Research Visiting Fellow: 1994,8 to present: Development of RD-PCR: A novel method of displaying the differentially expressed mRNAs. Laboratory of Molecular Pharmacology, DTP/NCI/NIH, Bethesda, MD. USA.

-Research Visiting Fellow: 1991,8-1993,8: Characterization of a newly cloned differentiation related gene: RA538, which derived from subtraction libraries. National Laboratory of Molecular Oncology, Chinese Academy of Medical Sciences. Beijing, China.

- Investigator and Physician in Oncology: 1988,8-1991,8: 1). PCR related studies for clinical diagnosis and prognosis of cancer patient. 2). Internship. 3) Cloning and constructing expression vectors of IL-2 related genes. 4). Plan, design and construct the Lab of Molecular Medicine, Medical Center, Liu Hua Qiao General Hospital, Guangzhou, China.

- Research Assistant and Ph.D. Candidate: 1988,7-1991,6: Cloning and characterization of a putative metastatic gene from a pulmonary giant cell carcinoma cell line PG. Dept of Cancer Biology, Institute of Basic Medical Sciences, Beijing Medical University. Dissertation: Chromosomal in situ hybridization to localize a cancer metastatic relevant gene pLC-2.

- Teaching Assistant and M.S. Candidate: 1985,7-1988,7: Dept of Pathology. Began research and training in tissue culture, histochemistry and immunochemistry, optical and electron microscopic techniques. M.S. thesis: Structural patterns of the intermediate filaments organization and their implication to oncogenesis.

**Memberships:**

American Association for Advancements of Sciences (AAAS)  
New York Academy of Sciences  
Chinese Association of Cell and Molecular Biology  
Chinese Association of Genetics  
Chinese Association of Medicine

**Awards and Fellowships:**

-Visiting Fellowship Award: To the National Laboratory of Molecular Oncology, CAMS, Beijing, China, from the Chinese Department of Science and Technology

-Fogarty International Visiting Fellowship: To the Laboratory of Molecular Pharmacology, National Cancer Institute, NIH, from the Fogarty International Center, NIH, USA.

**Publications: ( As the first Author )**

1. Preliminary chromosome localization of a metastatic relevant gene isolated from a highly metastatic pulmonary giant cell carcinoma cell line. Chinese J of Pathology. 19: 246-249, 1990
2. Probe amplification system: a new technique for non-isotopic hybridization studies Proceedings of Natural Sciences. 2:378-379,1992.
3. Chromosomal aberration detected by chromosome painting in an esophageal carcinoma cell line EC8712. Chinese J of Med Genetics. 19:210-212,1993.
4. Fluorescent in situ hybridization: Theory and technology. Chinese Medical Journal 66:12-19,1994.
5. A novel model for the working mechanism of biological cells. Science and Technological Review. 69:3, 1994.
6. Cytolinguistics: The informatics of inner biological cells. Science and Technology Review. 74:3, 1995.
7. The origin and functional mechanism of Jing-Luo. Science and Technology Review. 75:3, 1995.
8. Gene therapy through digestive tract: The elucidation of the mechanism of the traditional Chinese medicine. Science and Technology Review. 78:8,1995
9. Biological Virus and computer virus. Science And Technology Review. 80:3,1995.
10. Dream and thinking mechanism. Science and Technology Review. 84:2, 1995.
11. Genetic immunization through alimentary tract for tumor prevention. ( in prep).
12. Restriction display ( RD-PCR) of differentially expressed mRNAs ( in press ).

**Maryann Wenli Ma, MD., Ph.D.**

**SSN:** [REDACTED]

**Current Address:**



**Working Address:**

Lab of Molecular Pharmacology  
NCI / NIH Bldg 37 / 5D-18  
9000 Rockville Pike,  
Bethesda, MD. 20892  
Tel: 301-496-9572,  
Fax: 301-402-0752

**Objective:** Basic and Applied Research on Cancer Cell and Molecular Biology

**Qualifications:**

- Eight years of various molecular biological research experiences: Molecular Biology, Molecular Oncology, Molecular Pharmacology, Molecular Genetics, PCR related studies.
- Ten years of various cancer cell biology and animal model research experience: Cell culture, Gene transfer, Reporter gene system, Liposomal system.
- Various morphological and structural biology research experience: In situ hybridization, histo- or cytochemistry and immunochemistry, optical and electron microscopic techniques.
- Read, write and speak Chinese and English.

**Education:**

- MD. 1985-1990: Faculty of Medicine. The First Medical College and Medical School, Ji-Nan University ( Guang Zhou ). P. R. China.
- Ph.D. 1990-1993: Ph.D. in Cell and Molecular Biology. Institute of Basic Medical Sciences, Peking Union Medical College, Chinese Academy of Medical Sciences. Beijing, P.R. China.
- MS. 1987-1990: MS. in Experimental Pathology, Medical School, Ji-Nan University, Guang Zhou, P.R. China.
- MB. 1980-1985: Medical Bachelor Degree: Faculty of Medicine. The First Medical College.

**Experience:**

**EXHIBIT 1**

- Research Visiting Fellow: 1994, 8: Development of a novel method of displaying differentially expressed mRNAs. Laboratory of Molecular Pharmacology, NCI / NIH.

- Research Fellow: 1993,6-1994,8: Institute of Biotechnology and College of Life Sciences. Zhongshan University, Guangzhou. Cloning and Genetic Engineering of a Anti-aging peptides from Herbal Medicine.

-Ph.D. Candidate: 1990,7-1993,7: Institute of Basic Medical Sciences, Peking Union Medical College. Ph.D. Dissertation: The mechanism of the erythroid differentiation factor ( EDF ) upon the cellular differentiation and nuclear matrix-intermediate filament system of human erythroleukemia K562 cells.

- MS Candidate: 1987,7-1990,7: Department of Pathology, Medical School, Ji-Nan University. MS thesis: The structural and functional study of the highly and poorly differentiated nasopharyngeal carcinoma cell lines.

- Research and Teaching Assistant: 1985,7-1987,7: Department of Histology and Embryology. Trained in histochemistry, cell biology and immunology.

#### Memberships:

Chinese Association of Cell and Molecular Biology

Chinese Association of Medical Cell Biology

Chinese Association of Medicine

#### Awards and Fellowships:

-Top 100 Outstanding Chinese Young Scientists Award of the year 1994.

-Fogarty International Visiting Fellowship. National Cancer Institute, NIH. 1994, 4.

-Joint Hong Kong-Zhong Shan University Fellowship Award: Zhong Shan University, 1993-1994.

-Best Ph.D. Dissertation Award: 1993, Peking Union Medical College.

-Best Ph.D. Candidate Award: 1992, Peking Union Medical College.

#### Publications:

1. The growth and differentiation characteristics of K-RRneo cells. China Science Bulletin. 39: 757, 1994

2. The study of vimentin, lamin and their relationships with the processes of cell denucleation. Acta Exp Biol. 28:333,1994.

3. The gene expression system of mammalian cells. Advances in Biophysics and Biochem. 23:66,1994.

4. The Growth and differentiation characteristics of cybrid K-RRneo cells. China Science Bulletin. 39:871,1994.
5. An efficient technique of whole mount TEM sample preparation: the nuclear Matrix-intermediate filament system of K562 cells. Proceedings of China Medical Sciences. 16:103,1994.
6. The techniques of whole mount TEM sample preparation: in JingBo Zhang eds, Practical Method and Technology in Cell Biology, 2nd Ed. Academia Press, Beijing, 1994.
7. The characteristics and distribution of the intermediate filaments in K562 cells. Acta Anatomica Sinica. 25:33, 1994.
8. Gene transfer study using reticulocytes as the target cells. Acta Chinese Medical Sciences. 16:8,1994.
9. A novel and efficient strategy of gene transfer, cybridization and cybrid selection. Science Bulletin. 38:950,1993.
10. The study of the nuclear matrix-intermediate filaments in cybrid K-RRneo cells cybridized between rabbit reticulocytes and K562 cells. Acta Exp Biol. 26:377,1993.
11. Whole mount TEM study of the nuclear matrix-intermediate filament system of K562 cells. Acta Anatomica Sinica. 24:168,1993.
12. The study of intermediate filaments of the highly and poorly differentiated nasopharyngeal carcinoma cell lines. Acta Chinese Medical Sciences. 15:355,1993.
13. Fusion of neo gene transferred rabbit reticulocytes and K562 cells: A new approach to rapid selection and characterization of cybrids. Chinese Science Bulletin. 38:1826,1993.
14. An effective method of whole mount TEM sample preparation to study cytoskeleton. J. Electron Microscopy. 5:443,1993.
15. The molecular biology of intermediate filaments. ( Reviews). Medical Review ( Mol Biol Sect). 15:62,1993.
16. The relationships between erythroblast denucleation and the nuclear matrix-intermediate filaments. J Chinese Medical Sciences. 48:652,1995.
17. The role of the erythroid differentiation factor (EDF) upon the cellular differentiation and nuclear matrix-intermediate filament system of the human erythroleukemia K562 cells. China Science. ( in press )
18. Restriction display of differentially expressed mRNAs ( in press).

19. A novel model for the working mechanism of biological cells. Science and Technological Review. 69:3, 1994.

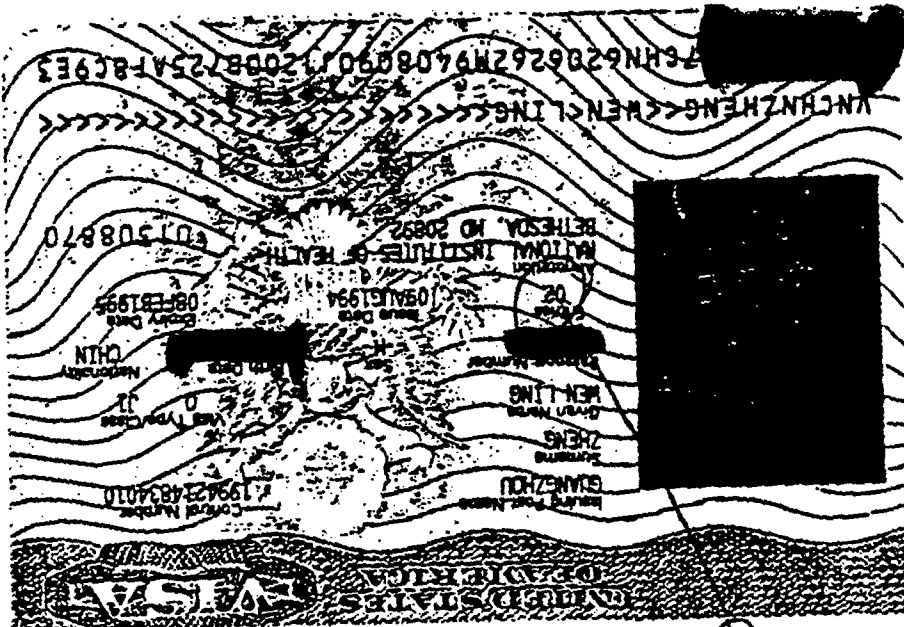
20. Cytolinguistics: The informatics of inner biological cells. Science and Technology Review. 74:3, 1995.

21. The origin and functional mechanism of Jing-Luo. Science and Technology Review. 75:3, 1995.

22. Gene therapy through digestive tract: The elucidation of the mechanism of the traditional Chinese medicine. Science and Technology Review. 78:8, 1995

23. Biological Virus and computer virus. Science And Technology Review. 80:3, 1995.

24. Dream and thinking mechanism. Science and Technology Review. 84:2, 1995.



Departure Number

542329902 04

Immigration and  
Naturalization Service

U.S. IMMIGRATION  
130 SFR 1434

I-94

Departure Record

AUG 18 1994

ADMITTED  
UNTIL  
J-1  
DS CLASS

|                        |                           |
|------------------------|---------------------------|
| Family Name            | Z H E N G                 |
| First (Given) Name     | W E N L I N G             |
| Country of Citizenship | P E P . R E P . C H I N A |

P. 2006729

See Other Side

STAPLE HERE

EXHIBIT 84  
PAGE 10 OF 22 PAGES



United States Information Agency  
EXCHANGE VISITOR PROGRAM SERVICES, GC/V  
CERTIFICATE OF ELIGIBILITY FOR EXCHANGE VISITOR (J-1) STATUS

E 302001

1 ZHENG Wenling (none) Male  
(FAMILY NAME OF EXCHANGE VISITOR) (FIRST NAME) (MIDDLE NAME) (Sex)  
born [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]  
(Mo.) (Day) (Yr.) (Mo.) (Yr.) (Country)  
a citizen of People's Rep. of China CH a legal permanent resident of \_\_\_\_\_  
(Country) (Code)  
People's Rep. of China CH whose position in that country is Doctor in Charge  
(Country) (Code)  
Liu Hua Qiao General Hospital 335  
Guangzhou, P.R.C. (Post. Code)  
U.S. address [REDACTED]

THE PURPOSE OF THIS FORM IS TO:  
1 ( ) Begin a new program ( ) Accompanied by immediate family members  
2 (X) Extend an ongoing program.  
3 ( ) Transfer to a different program  
4 ( ) Replace a lost form; correct a previous form.  
5 ( ) Permit visitor's immediate family (\_\_\_\_ members) to enter U.S. separately.

2 will be sponsored by NATIONAL INSTITUTES OF HEALTH, BETHESDA, MD 20892  
to participate in Exchange Visitor Program No. G-5-0111, which is still valid and is officially described as follows:

A PROGRAM OF THE NATIONAL INSTITUTES OF HEALTH, TO PROVIDE RESEARCH OPPORTUNITIES, OBSERVATION AND CONSULTATION IN THE VARIOUS FIELDS OF RESEARCH CONDUCTED BY THE NATIONAL INSTITUTES OF HEALTH, FOR QUALIFIED RESEARCH SCHOLARS AND GOVERNMENT VISITORS TO PROMOTE THE GENERAL INTEREST OF INTERNATIONAL EDUCATIONAL AND CULTURAL EXCHANGE.

3 This form covers the period from 05 19 96 to 08 15 96 Students are permitted to travel abroad & maintain status (e.g. obtain a new visa) under duration of the program as indicated by the dates on this form.

4 The category of this visitor is 1 ( ) Student, 2 ( ) Trainee, 3 ( ) Teacher, 4 ( ) Professor, 5 ( ) International Visitor, 6 ( ) Alien Physician, 7 ( ) Government Visitor, 8 (X) Research Scholar, 9 ( ) Short-Term Scholar, 10 ( ) Specialist, 11 ( ) Camp Counselor. The specific field of study, research, training or professional activity is visiting fellow for medical research/experience in verbally described as follows: characterizing molecular targets for cancer therapy. No patient contact.  
(Sub/Field Code)

5 During the period covered by this form, the total estimated financial support (in U.S. \$) is to be provided to the exchange visitor by:  
a. (X) The Program Sponsor in item 2 above \$ 8,000

This Program Sponsor has ☒ has not ☐ (check one) received funding for international exchange from one or more U.S. Government Agency(ies) to support this exchange visitor. If any U.S. Government Agency(ies) provided funding, indicate the Agency(ies) by code N I H.

Financial support from organizations other than the sponsor will be provided by one or more of the following:

b1 ( ) U.S. Government Agency(ies): \_\_\_\_\_ (Agency Code) \$ \_\_\_\_\_ b2. \_\_\_\_\_ (Agency Code) \$ \_\_\_\_\_  
c1. ( ) International Organization(s): \_\_\_\_\_ (Int. Org. Code) \$ \_\_\_\_\_ c2. \_\_\_\_\_ (Int. Org. Code) \$ \_\_\_\_\_  
d. ( ) The Exchange Visitor's Government \$ \_\_\_\_\_ If necessary, use above spaces for funding by multiple U.S. Agencies or Intl. Organizations)  
e. ( ) The binational Commission of the visitor's Country \$ \_\_\_\_\_  
f. ( ) All other organizations providing support \$ \_\_\_\_\_  
g. ( ) Personal funds \$ \_\_\_\_\_

6 U.S. OR U.S.A. USE

7 WANDA I. PIER, RESPONSIBLE OFFICER (Title)

INTERNATIONAL SERVICES BRANCH

NIE BG 16 A, RM. 101 BETHESDA, MD 20892 (Address)

[Signature]  
(Signature of Responsible Officer or Addressing R.O.)

4-19-95 (Date)

PRELIMINARY ENDORSEMENT OF CONSULAR OR IMMIGRATION OFFICER REGARDING SECTION 212 (b) OF THE U.S.C.

1 (Name) \_\_\_\_\_  
(File) \_\_\_\_\_

have determined that this alien in the above program

- 1 ( ) is not subject to the two year residence requirement.  
2 ( ) is subject based on: — A ( ) government financing under  
B ( ) the Exchange Visitor Status as an alien  
C ( ) R, or other as provided

The United States Information Agency reserves the right to make the final determination

8. STATEMENT OF RESPONSIBLE OFFICER FOR RELEASING SPONSOR (FOR TRANSFER OF PROGRAM)

Date \_\_\_\_\_ Transfer of this exchange visitor from program No. \_\_\_\_\_ sponsored by \_\_\_\_\_ to the program specified in item (2) is necessary or highly desirable and is in conformity with the objectives of the Mutual Educational and Cultural Exchange Act of 1961.

\_\_\_\_\_  
(Signature of Officer)

\_\_\_\_\_  
(Date)

Read and complete this page prior to presentation to a United States Consular or Immigration Official.

I understand that the following conditions are applicable to exchange visitors:

- (a) **Extension of Stay/Program Transfers:** A completed Form IAP-66 is required in order to apply for an extension or transfer and must be obtained from, or with the assistance of, the sponsor. It must be submitted to the U.S. Information Agency within forty-five days before the expiration of the authorized period of stay.
- (b) **Limitation of Stay:** **STUDENTS** - as long as they pursue a full course of study towards a degree, or if engaged full-time in a non-degree program, up to 24 months. If the sponsor recommends academic training they may be permitted to remain for an additional period of up to 18 months after receiving their degree or certificate; secondary students up to 1 academic year; **TRAINEES** - 18 months; **FLIGHT TRAINEES** - 24 months; **TEACHERS, PROFESSORS, AND RESEARCH SCHOLARS** - 3 years; **SHORT-TERM SCHOLARS** - 4 months; **SPECIALISTS** - 1 year; **INTERNATIONAL VISITORS** - 1 year; **ALIEN PHYSICIANS** - the time typically required to complete the medical specialty involved but limited to 7 years with the possibility of extension if approved by the Director of the U.S. Information Agency; **GOVERNMENT VISITOR** - up to 18 months; **CAMP COUNSELOR** - up to 4 months.
- (c) **Documentation Required for Admission/Readmission as an Exchange Visitor:** To be eligible for admission/readmission to the U.S., an exchange visitor must present the following at the port of entry: (1) A valid nonimmigrant visa, unless exempt from nonimmigrant visa requirements; (2) A passport valid for 6 months beyond the anticipated period of admission, unless exempt from passport requirements; (3) a properly executed Form IAP-66. Copies 1 and 2 of Form IAP-66 must be surrendered to a U.S. Immigration Officer upon arrival in the U.S. Copy 3 must be retained for re-entries within a period of previously authorized stay.
- (d) **Change of Status:** Exchange visitors are expected to leave the U.S. upon completing their program objective. Exchange visitors who are subject to the two-year home country physical presence requirement are not eligible to change their status while in the U.S. to any other nonimmigrant category except, if applicable, that of official or employee of a foreign government (A) or an international organization (G) or member of the family or attendant of either of these types of officials or employees.
- (e) **Two-Year Home Country Physical Presence Requirement:** Exchange visitors whose programs are financed in whole or in part, directly or indirectly by either their government or by the U.S. Government, are required to reside in their own country for 2 years following completion of their program before they are eligible for immigrant status; temporary worker (H); or an intracompany transferee (L). Likewise, if exchange visitors are acquiring a skill which is in short supply in their home country (these skills appear on the "Exchange Visitor Skills List") they will be subject to the same two-year home country physical presence requirement. The requirement also is applicable to alien physicians entering the U.S. to receive graduate medical education or training (Section 212(e) of the Immigration and Nationality Act and PL 94-484, as amended).

(Signature of Applicant)

(Place)

(Date)

IAP-66 (9-83)

## VALIDATION BY RESPONSIBLE OFFICER

(1) Exchange Visitor is in good standing from \_\_\_\_\_ to \_\_\_\_\_

Signature of Responsible Officer

(2) Exchange Visitor is in good standing from \_\_\_\_\_ to \_\_\_\_\_

Signature of Responsible Officer

(3) Exchange Visitor is in good standing from \_\_\_\_\_ to \_\_\_\_\_

Signature of Responsible Officer

(4) Exchange visitor is in good standing from \_\_\_\_\_ to \_\_\_\_\_

Signature of Responsible Officer

## NOTICE TO ALL EXCHANGE VISITORS

To facilitate your readmission to the United States after a visit in another country other than a contiguous territory or adjacent islands, you should have the Responsible Officer of your sponsoring organization indicate that you continue to be in good standing on this copy of the Form IAP-66.

EXHIBIT

PAGE 14 OF 22 PAGE(S)

**United States Information Agency  
EXCHANGE VISITOR FACILITATIVE STAFF GCY  
CERTIFICATE OF ELIGIBILITY FOR EXCHANGE VISITOR (J-1) STATUS**

**D 725098**

1. WANG Wenling (none)  
(FAMILY NAME OF EXCHANGE VISITOR) (FIRST NAME) (MIDDLE NAME) ☒ Male ☐ Female

born [REDACTED] [REDACTED] [REDACTED] [REDACTED]  
(Mo.) (Day) (Yr.) (City)

a citizen of People's Republic of China CH a legal permanent resident of People's  
(Country) (Code)

Republic of China CH whose position in that country is Doctor in  
(Country) (Code)

Charge, Dept. of Medical Research,  
Liu Hua Qiao General Hospital, 335  
Guangzhou, People's Rep. of China (Pos. Code)

U.S. address NTH/NCI/DCI  
Bldg. 37, Room 5D18  
Bethesda, Maryland 20892

THE PURPOSE OF THIS FORM IS TO:

1 ☒ Begin a new program ( ) Accompanied by 1 immediate family members

2 ( ) Extend an on-going program

3 ( ) Transfer to a different program

4 ( ) Replace a co-twin

5 ( ) Permit visitor's immediate family ( ) members to enter U.S. separately.

2. will be sponsored by NATIONAL INSTITUTES OF HEALTH, BETHESDA, MD 20892  
to participate in Exchange Visitor Program No. G-5-0111 which is still valid and is officially described as follows:

A PROGRAM TO SUPPORT COLLABORATIVE RESEARCH AND/OR TRAINING IN BASIC AND CLINICAL HEALTH SCIENCES AT HEALTH RESEARCH LABORATORIES AND INSTITUTIONS THROUGHOUT THE UNITED STATES, FOR SPECIALLY SELECTED AND QUALIFIED FOREIGN SCIENTISTS, TO PROMOTE THE GENERAL INTERESTS OF INTERNATIONAL EXCHANGE.

3. This form covers the period from 04-19-94 to 05-19-96. Students are permitted to travel abroad & maintain status (e.g. obtain a new visa) under duration of the program as indicated by the dates on this form.  
If this form is for family travel or replaces a lost form, the expiration date on the exchange visitor's I-9 is \_\_\_\_\_

4. The category of this visitor is 1 ( ) Student, 2 ( ) Trainee, 3 ( ) Teacher, 4 ☒ Professor, Research Scholar or Specialist, 5 ( ) International Visitor, 6 ( ) Medical Trainee, 7 ( ) Alien employee of the USIA. The Specific field of study, research, training or professional activity is 4495 verbally described as follows:  
(Sub-Field Code)  
Visiting Fellow for medical research experience in characterizing molecular targets for cancer therapy. No patient contact.

5. During the period covered by this form, it is estimated that the following financial support (in U.S. \$) will be provided to this exchange visitor by:

a. ☒ The Program Sponsor in item 2 above \$ 62,500

This Program Sponsor has ☒ has not ☐ (check one) received funding for international exchange from one or more U.S. Government Agency(ies) to support this exchange visitor. If any U.S. Government Agency(ies) provided funding, indicate the Agency(ies) by code 11 11  
Financial support from organizations other than the sponsor will be provided by one or more of the following:

b. ☐ U.S. Government Agency(ies): \_\_\_\_\_ (Agency Code) \$ \_\_\_\_\_ b2. \_\_\_\_\_ (Agency Code) \$ \_\_\_\_\_

c. ☐ International Organization(als): \_\_\_\_\_ (Int. Org. Code) \$ \_\_\_\_\_ c2. \_\_\_\_\_ (Int. Org. Code) \$ \_\_\_\_\_

d. ☐ The Exchange Visitor's Government \$ \_\_\_\_\_

e. ☐ The Binational Commission of the visitor's Country \$ \_\_\_\_\_

f. ☐ All other organizations providing support \$ \_\_\_\_\_

g. ☐ Personal funds \$ \_\_\_\_\_

(If necessary, use above spaces for funding by multiple U.S. Agencies or Int. Organizations)

6. U.S. USE

U.S. IMMIGRATION  
130 SFR 1434  
AUG 16 1994  
ADMITTED VS (CLASS)

7. WANDA J. PIFER, RESPONSIBLE OFFICER  
INTERNATIONAL SERVICES AND COMMUNICATIONS BRANCH, FIC  
NTH, RG. 16A, RM. 101, BETHESDA, MD 20892  
Wanda J. Pifer 2-10-94  
(Signature of Responsible Officer for Approval R.O.) (Date)

PRELIMINARY ENDORSEMENT OF CONSULAR OR EMBASSY OFFICER  
(REQUIRE SECTION 512 (b) OF THE LIAE.)

1. Planned (Date) \_\_\_\_\_

2. ( ) is not subject to the two year residence requirement.  
3. ( ) is subject based on: A. ( ) government financing order B. ( ) the Exchange visitor only Act order C. ( ) PL 96-481 as amended

The United States Information Agency reserves the right to make the final determination.

(Signature of Officer) (Date)

8. STATEMENT OF RESPONSIBLE OFFICER FOR RELEASING SPONSOR (FOR TRANSFER OF PROGRAM)

Date \_\_\_\_\_ Transfer of this exchange visitor from program No. \_\_\_\_\_ sponsored by \_\_\_\_\_ to the program specified in item (2) is necessary or highly desirable and is in conformity with the objectives of the Mutual Educational and Cultural Exchange Act of 1961.

EXHIBIT 84

(Signature of Officer)

- (a) **Extension of Stay and Program Transfers:** A completed Form IAP-66 must be submitted to the appropriate office of the Immigration and Naturalization Service within fifteen to sixty days before the expiration of the authorized period of stay.
- (b) **Limitation on Stay:** STUDENTS as long as they pursue a substantial scholastic program leading to recognized degrees or certificate. Students for whom the sponsor recommends practical training may be permitted to remain for such purpose for an additional period of up to 18 months after receiving their degree or certificate. BUSINESS AND INDUSTRIAL TRAINEES - 18 months. TEACHERS, PROFESSORS, RESEARCH SCHOLARS, and SPECIALISTS - 3 years. INTERNATIONAL VISITORS - 1 year. MEDICAL TRAINEES: Graduate Nurses - 3 years; Medical Technologists, Medical Record Librarians, Medical Record Technicians, Radiologic Technicians, and other participants in similar categories - the length of the approved training program plus a maximum of 18 months for practical experience, not exceeding a total of 3 years. Medical Interns and Residents - the time typically required to complete the medical specialty involved but limited to 7 years with the possibility of extension if such extension is approved by the Director of the United States Information Agency.
- (c) **Documentation Required for Admission or Readmission as an Exchange Visitor:** To be eligible for admission or readmission to the United States, an exchange visitor must present the following at the port of entry: (1) A valid nonimmigrant visa bearing classification J-1, unless exempt from nonimmigrant visa requirements; (2) A passport valid for six months beyond the anticipated period of admission, unless exempt from passport requirements; (3) A properly executed Form IAP-66. Copies one and two of Form IAP-66 must be surrendered to a United States immigration officer upon arrival in the United States. Copy three may be retained for re-entries within a period of previously authorized stay.
- (d) **Change of Status:** Exchange visitors are expected to leave the United States upon completing their objective. An exchange visitor who is subject to the two-year home-country physical presence requirement is not eligible to change his/her status while in the United States to any other nonimmigrant category except, if applicable, that of official or employee of a foreign government (A) or of an international organization (G) or member of the family or attendant of either of these types of officials or employees.
- (e) **Two-Year Home Country Physical Presence Requirement:** Any exchange visitor whose program is financed in whole or in part, directly or indirectly by either his/her own government or by the United States Government is required to reside in his/her own country for two years following completion of his/her program in the United States before he/she can become eligible for permanent residence (immigration) or for status as a temporary worker ("H") or as an intracompany transferee ("L"). Likewise, if an exchange visitor is acquiring a skill which is in short supply in his/her own country (these skills appear on the *Exchange Visitor Skills List*) he/she will be subject to this same two-year home-country residence requirement as well as alien physicians entering the U.S. to receive graduate medical education or training (Section 212(e) of the Immigration and Nationality Act and Pl. 94 484, as amended).

郑文峰

7-11

7/30/1994

(Signature of Applicant)

(Place)

(Date: Mo., Day, Yr.)

IAP-66 (12-85)

VALIDATION BY RESPONSIBLE OFFICER

- (1) Exchange visitor is in good standing from \_\_\_\_\_ to \_\_\_\_\_  
\_\_\_\_\_  
Signature of Responsible Officer
- (2) Exchange visitor is in good standing from \_\_\_\_\_ to \_\_\_\_\_  
\_\_\_\_\_  
Signature of Responsible Officer
- (3) Exchange visitor is in good standing from \_\_\_\_\_ to \_\_\_\_\_  
\_\_\_\_\_  
Signature of Responsible Officer
- (4) Exchange visitor is in good standing from \_\_\_\_\_ to \_\_\_\_\_  
\_\_\_\_\_  
Signature of Responsible Officer
- (5) Exchange visitor is in good standing from \_\_\_\_\_ to \_\_\_\_\_  
\_\_\_\_\_  
Signature of Responsible Officer

NOTICE TO ALL EXCHANGE VISITORS

To be eligible for admission to the United States after a visit to another country, an exchange visitor must have the physical presence requirement. The sponsoring organization must certify that you are in good standing during your stay in the U.S.

IAP-66 form

EXHIBIT

84

持照人 马文丽

Bearer of this passport Ma Venli

性别 女 Sex Female

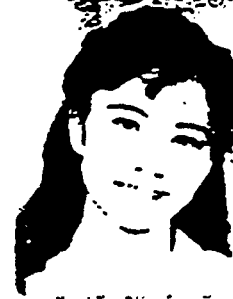
出生日期 1964 4 14 日

Date of birth [REDACTED]

出生地点 江西

Place of birth [REDACTED]

护照号码 Passport No. [REDACTED]



持照人签名  
Signature of the bearer

有效期至 1997 年 5 月 4 日

Date of expiry May 4, 1997

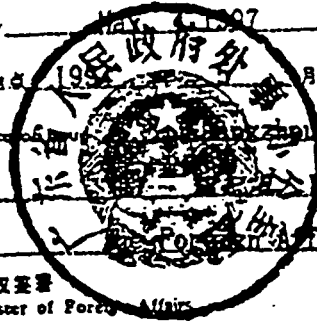
发照日期和地点 1994 年 5 月 4 日于 广州

Date and place of issue May 4, 1994

发照机关 广东省人民政府外事办公室

Issued by Guangdong Provincial Government Foreign Affairs Office

外交部长授权签署  
For the Minister of Foreign Affairs



1/4.12

C2-2150

EXHIBIT 84

PAGE 17 OF 22 PAGE(S)

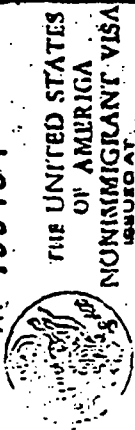
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DIV. PUBLIC SAFETY

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apply. No 133181



THE UNITED STATES  
OF AMERICA  
NONIMMIGRANT VISA  
ISSUED AT

GUANGZHOU

T-1 (CHINESE) 18 MAY 1994  
CLASSIFICATION  
DATE ISSUED  
VALID FOR  
APPROXIMATE PERIOD OF VALIDITY UNLIL  
ISSUED TO MA WEN LI  
CONSULAR OFFICE

3-5-011  
NATIONAL INSTITUTES OF HEALTH  
BETHEDA, MD 20892

Departure Number

542331772 04

Immigration and  
Naturalization Service

I-94

Departure Record

U.S. IMMIGRATION  
130 SEP 1434

AUG 15 1994

ADMITTED  
UNTIL  
CLASS

I- Family Name

MA

II- First (Given) Name

WEN LI

III- Country of Citizenship

P.R.P. R.E.P. CHINA

IV- Birth Date (Day/Mo/Yr)

See Other Side

STAPLE HERE

EXHIBIT 84

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**United States Information Agency**  
**EXCHANGE VISITOR PROGRAM SERVICES, GCN**  
**CERTIFICATE OF ELIGIBILITY FOR EXCHANGE VISITOR (J-1) STATUS**

**E188539**

|   |   |
|---|---|
| <p>1. <u>MA</u> <u>Wenli</u> <u>(none)</u> <span style="float:right">1 Male <input type="checkbox"/> Female <input checked="" type="checkbox"/></span></p> <p>(FAMILY NAME OF EXCHANGE VISITOR) (FIRST NAME) (MIDDLE NAME)</p> <p>born <u>[REDACTED]</u> <u>[REDACTED]</u> <u>[REDACTED]</u> <u>[REDACTED]</u> <u>[REDACTED]</u></p> <p>(Mo.) (Day) (Yr.) (City) (Country)</p> <p>a citizen of <u>People's Rep. of China</u> <u>CH</u> a legal permanent resident of _____</p> <p>(Country) (Code)</p> <p><u>People's Rep. of China</u> <u>CH</u> whose position in that country is <u>Research</u></p> <p>(Country) (Code)</p> <p><u>Fellow, Instructor, Zongshan Univ.</u> <u>213</u></p> <p><u>Guangzhou, P.R.C.</u> (Pas. Code)</p> <p>U.S. address <u>[REDACTED]</u></p> | <p>THE PURPOSE OF THIS FORM IS TO</p> <p>1 ( ) Begin a new program ( ) Accompanied by _____ immediate family members</p> <p>2 ( ) Extend an on-going program</p> <p>3 ( ) Transfer to a different program</p> <p>4 ( ) Replace a lost form; contact a previous form.</p> <p>5 ( ) Permit visitor's immediate family _____ (members) to enter U.S. separately.</p> |
|---|---|

2. will be sponsored by NATIONAL INSTITUTES OF HEALTH, BETHESDA, MD 20892

\_\_\_\_\_ to participate in Exchange Visitor Program No G 5 0111, which is still valid and is officially described as follows:

**A PROGRAM OF THE NATIONAL INSTITUTES OF HEALTH, TO PROVIDE RESEARCH OPPORTUNITIES, OBSERVATION AND CONSULTATION IN THE VARIOUS FIELDS OF RESEARCH CONDUCTED BY THE NATIONAL INSTITUTES OF HEALTH, FOR QUALIFIED RESEARCH SCHOLARS AND GOVERNMENT VISITORS TO PROMOTE THE GENERAL INTEREST OF INTERNATIONAL EDUCATIONAL AND CULTURAL EXCHANGE.**

3. This form covers the period from 05 19 96 to 08 15 96 Students are permitted to travel abroad & maintain status (e.g. obtain a new visa) under duration of the program as indicated by the dates on this form.

4. The category of this visitor is 1 ( ) Student, 2 ( ) Trainee, 3 ( ) Teacher, 4 ( ) Professor, 5 ( ) International Visitor, 6 ( ) Alien Physician, 7 ( ) Government Visitor, 8 ( ) Research Scholar, 9 ( ) Short-Term Scholar, 10 ( ) Specialist, 11 ( ) Camp Counselor. The specific field of study, research, training or professional activity is 4495 verbally described as follows: Visiting Fellow for medical research experience in (Subj/Field Code) characterizing molecular targets for AIDS therapy. No patient contact.

5. During the period covered by this form, the total estimated financial support (in U.S. \$) is to be provided to the exchange visitor by:

a. ☒ The Program Sponsor in item 2 above \$ 7,375

This Program Sponsor has ☒ has not ☐ (check one) received funding for international exchange from one or more U.S. Government Agency(ies) to support this exchange visitor. If any U.S. Government Agency(ies) provided funding, indicate the Agency(ies) by code N I H.

Financial support from organizations other than the sponsor will be provided by one or more of the following:

|  |   |
|--|---|
| b1. ( ) U.S. Government Agency(ies): _____ (Agency Code) \$ _____      | b2. _____ (Agency Code) \$ _____  |
| c1. ( ) International Organization(s): _____ (Int. Org. Code) \$ _____ | c2. _____ (Int. Org. Code) \$ _____   |
| d. ( ) The Exchange Visitor's Government \$ _____                      | if necessary, use above spaces for funding by multiple U.S. Agencies or Intl. Organizations |
| e. ( ) The binational Commission of the visitor's Country \$ _____     |   |
| f. ( ) All other organizations providing support \$ _____              |   |
| g. ( ) Personal funds \$ _____   |   |

|   |   |
|---|---|
| <p>8. U.S. OR U.S.A. USE</p>  | <p>7. <u>WANDA J. PIER</u> RESPONSIBLE OFFICER</p> <p><u>INTERNATIONAL SERVICES AND COMMUNICATIONS BRANCH, FIC</u></p> <p><u>WTH PG 16A RM 101 BETHESDA, MD 20892</u></p> <p><u>[Signature]</u> <u>4-19-95</u></p> <p>(Signature of Responsible Official) (Date)</p>  |
| <p>PRELIMINARY ENDORSEMENT OF CONSULAR OR EMigration OFFICER REGARDING SECTION 212 (a) OF THE U.S.</p> <p>I (Name) _____</p> <p>(Title) _____</p> <p>have determined that this alien in the above program</p> <p>1. ( ) is not subject to the two year residence requirement</p> <p>2. ( ) is subject based on: — A. ( ) government financing and/or</p> <p>B. ( ) the Exchange visitor status not ended</p> <p>C. ( ) PL 94-484 is applied</p> <p>This United States Information Agency reserves the right to make the final determination.</p> <p>(Signature of Officer) _____ (Date) _____</p> | <p>8. STATEMENT OF RESPONSIBLE OFFICER FOR RELEASING SPONSOR (FOR TRANSFER OF PROGRAM)</p> <p>Date _____ Transfer of this exchange visitor from program No. _____ sponsored by _____ to the program specified in item (2) is necessary or highly desirable and is in conformity with the objectives of the Mutual Educational and Cultural Exchange Act of 1961.</p> <p align="right"><b>EXHIBIT</b> <u>84</u></p> <p align="right">PAGE <u>19</u> OF <u>22</u> PAGE(S)</p> <p align="right">(Signature of Officer) _____</p> |

United States Information Agency  
EXCHANGE VISITOR FACILITATIVE STAFF GC/V  
CERTIFICATE OF ELIGIBILITY FOR EXCHANGE VISITOR (J-1) STATUS

D 725099

1. MA Wenli (none) K Male  
(FAMILY NAME OF EXCHANGE VISITOR) (FIRST NAME) (MIDDLE NAME)  
born (Mo.) (Day) (Yr.) (Country)  
a citizen of People's Republic of China CH a legal permanent resident of  
(Country) (Code)  
People's Republic of China CH, whose position in that country is Research  
(Country) (Code)  
Fellow, Instructor, Zongshan University  
Biotechnology Research Center, 213  
Guangzhou, People's Rep. of China (Post Code)  
U.S. address NIH/NCI/DCI  
Building 37, Room 5D18  
Bethesda, Maryland 20892

THE PURPOSE OF THIS FORM IS TO:  
1 (X) Begin a new program ( ) Accompanied by immediate family members  
2 ( ) Extend an on-going program.  
3 ( ) Transfer to a different program  
4 ( ) Replace a lost form.  
5 ( ) Permit visitor's immediate family (members) to enter U.S. separately.

2. will be sponsored by NATIONAL INSTITUTES OF HEALTH, BETHESDA, MD 20892  
to participate in Exchange Visitor Program No. G 5 0111, which is still valid and is officially described as follows:

A PROGRAM TO SUPPORT COLLABORATIVE RESEARCH AND/OR TRAINING IN BASIC AND CLINICAL HEALTH SCIENCES AT HEALTH RESEARCH LABORATORIES AND INSTITUTIONS THROUGHOUT THE UNITED STATES, FOR SPECIALLY SELECTED AND QUALIFIED FOREIGN SCIENTISTS, TO PROMOTE THE GENERAL INTERESTS OF INTERNATIONAL EXCHANGE.

3. This form covers the period from 04 19 94 to 05 18 96 Students are permitted to travel abroad & maintain status (e.g. obtain a new visa) under duration of the program as indicated by the dates on this form.  
If this form is for family travel or replaces a lost form, the expiration date on the exchange visitor's I-9 is

4. The category of this visitor is 1 ( ) Student, 2 ( ) Trainee, 3 ( ) Teacher, 4 (X) Professor, Research Scholar or Specialist, 5 ( ) International Visitor, 6 ( ) Medical Trainee, 7 ( ) Alien employee of the USIA. The Specific field of study, research, training or professional activity is 4495 verbally described as follows:  
(Sub/Field Code)  
Visiting Fellow for medical research experience in characterizing molecular targets for IDS therapy. No patient contact.

5. During the period covered by this form, it is estimated that the following financial support (in U.S. \$) will be provided to this exchange visitor by:

a. K The Program Sponsor in item 2 above \$ 57,500

The program Sponsor has [X] has not [ ] (check one) received funding for international exchange from one or more U.S. Government Agency(ies) to support this exchange visitor. If any U.S. Government Agency(ies) provided funding, indicate the Agency(ies) by code N I R.

Financial support from organizations other than the sponsor will be provided by one or more of the following:

b1. ( ) U.S. Government Agency(ies): (Agency Code) \$ b2. ( ) (Agency Code) \$  
c1. ( ) International Organization(s): (Int. Org. Code) \$ c2. ( ) (Int. Org. Code) \$  
d. ( ) The Exchange Visitor's Government \$  
e. ( ) The binational Commission of the visitor's Country \$  
f. ( ) All other organizations providing support \$  
g. ( ) Personal funds \$

6. U.S. USE  
U.S. IMMIGRATION  
13C SFR 1434  
AUG 15 1994

7. WANDA J. PIFER, RESPONSIBLE OFFICER  
INTERNATIONAL SERVICES AND COMMUNICATIONS BRANCH, FIC  
NIH, BG. 16A, RM. 10T BETHESDA, MD 20892

Wanda J. Pifer  
(Signature of Responsible Officer for Release of Form)

2-10-94 (Date)

PRELIMINARY ENDORSEMENT OF CONSULAR OR IMMIGRATION OFFICER  
RECORDING SECTION 212 (b)(1) OF THE IIR

(Name) King A. Cannon  
(Title) Vice Consul

one determined that this alien in the above program

is not subject to the requirements of the Immigration and Nationality Act.

( ) is subject based on: A. Government financing and/or

B. ( ) the Exchange visitor skills test and/or

C. ( ) PL 96-484 as amended

the United States Information Agency reserves the right to make any final determination.

(Signature of Officer)

(Date)

8. STATEMENT OF RESPONSIBLE OFFICER FOR RELEASING SPONSOR (FOR TRANSFER OF PROGRAM)

Date Transfer of this exchange visitor from program No. sponsored by to the program specified in item (2) is necessary or highly desirable and is in conformity with the objectives of the Mutual Educational and Cultural Exchange Act of 1961.

EXHIBIT 84

PAGE 20 OF 22 PAGE(S)



**INSTRUCTIONS FOR AND CERTIFICATION BY the ALIEN BENEFICIARY named on page 1 of this Form:**

**Read and complete this page prior to presentation to a United States Consular or Immigration Official**

I understand that the following conditions are applicable to exchange visitors:

- (a) **Extension of Stay/Program Transfers:** A completed Form IAP-66 is required in order to apply for an extension or transfer and must be obtained from, or with the assistance of, the sponsor. It must be submitted to the U.S. Information Agency within forty-five days before the expiration of the authorized period of stay.
- (b) **Limitation of Stay:** **STUDENTS** - as long as they pursue a full course of study towards a degree, or if engaged full-time in a non-degree program, up to 24 months. If the sponsor recommends academic training they may be permitted to remain for an additional period of up to 18 months after receiving their degree or certificate; secondary students up to 1 academic year; **TRAINEES** - 18 months; **FLIGHT TRAINEES** - 24 months; **TEACHERS, PROFESSORS, AND RESEARCH SCHOLARS** - 3 years; **SHORT-TERM SCHOLARS** - 4 months; **SPECIALISTS** - 1 year; **INTERNATIONAL VISITORS** - 1 year; **ALIEN PHYSICIANS** - the time typically required to complete the medical specialty involved but limited to 7 years with the possibility of extension if approved by the Director of the U.S. Information Agency; **GOVERNMENT VISITOR** - up to 18 months; **CAMP COUNSELOR** - up to 4 months.
- (c) **Documentation Required for Admission/Readmission as an Exchange Visitor:** To be eligible for admission/readmission to the U.S., an exchange visitor must present the following at the port of entry: (1) A valid nonimmigrant visa, unless exempt from nonimmigrant visa requirements; (2) A passport valid for 5 months beyond the anticipated period of admission, unless exempt from passport requirements; (3) a properly executed Form IAP-66. Copies 1 and 2 of Form IAP-66 must be surrendered to a U.S. Immigration Officer upon arrival in the U.S. Copy 3 must be retained for re-entries within a period of previously authorized stay.
- (d) **Change of Status:** Exchange visitors are expected to leave the U.S. upon completing their program objective. Exchange visitors who are subject to the two-year home country physical presence requirement are not eligible to change their status while in the U.S. to any other nonimmigrant category except, if applicable, that of official or employee of a foreign government (A) or an international organization (G) or member of the family or attendant of either of these types of officials or employees.
- (e) **Two-Year Home Country Physical Presence Requirement:** Exchange visitors whose programs are financed in whole or in part, directly or indirectly by either their government or by the U.S. Government, are required to reside in their own country for 2 years following completion of their program before they are eligible for immigrant status: temporary worker (H); or an intracompany transferee (L). Likewise, if exchange visitors are acquiring a skill which is in short supply in their home country (these skills appear on the "Exchange Visitor Skills List") they will be subject to the same two-year home country residence requirement. The requirement also is applicable to alien physicians entering the U.S. to receive graduate medical education or training (Section 212(e) of the Immigration and Nationality Act and PL 94-484, as amended).

Ma Teali  
(Signature of Applicant)

Bethesda, MD  
(Place)

May 10 / 95  
(Date)

IAP-66 (9-93)

**VALIDATION BY RESPONSIBLE OFFICER**

(1) Exchange Visitor is in good standing from \_\_\_\_\_ to \_\_\_\_\_

\_\_\_\_\_  
Signature of Responsible Officer

(2) Exchange Visitor is in good standing from \_\_\_\_\_ to \_\_\_\_\_

\_\_\_\_\_  
Signature of Responsible Officer

(3) Exchange Visitor is in good standing from \_\_\_\_\_ to \_\_\_\_\_

\_\_\_\_\_  
Signature of Responsible Officer

(4) Exchange visitor is in good standing from \_\_\_\_\_ to \_\_\_\_\_

\_\_\_\_\_  
Signature of Responsible Officer

**NOTICE TO ALL EXCHANGE VISITORS**

To facilitate your readmission to the United States after a visit in another country other than a contiguous territory or adjacent islands, you should have the Responsible Officer of your sponsoring organization indicate that you continue to be in good standing on this copy of the Form IAP-66.

EXHIBIT 84

PAGE 21 OF 22 PAGE(S)

**INSTRUCTIONS FOR AND CERTIFICATION BY the alien beneficiary named on page 1 of this Form:**

Read and complete this page prior to presentation to a United States consular or immigration official.

1. I understand that the following conditions are applicable to exchange visitors:

- (a) **Extension of Stay and Program Transfers.** A completed form IAP-66 is required in order to effect an extension or transfer and may be obtained from or with the assistance of the sponsor. It must be submitted to the appropriate office of the Immigration and Naturalization Service within fifteen to sixty days before the expiration of the authorized period of stay.
- (b) **Limitation on Stay.** STUDENTS - as long as they pursue a substantial scholastic program leading to recognized degrees or certificate. Students for whom the sponsor recommends practical training may be permitted to remain for such purpose for an additional period of up to 18 months after receiving their degree or certificate. BUSINESS AND INDUSTRIAL TRAINEES - 18 months. TEACHERS, PROFESSORS, RESEARCH SCHOLARS, and SPECIALISTS - 3 years. INTERNATIONAL VISITORS - 1 year. MEDICAL TRAINEES: Graduate Nurses - 2 years, Medical Technologists, Medical Record Librarians, Medical Record Technicians, Radiologic Technicians, and other participants in similar categories - the length of the approved training program plus a maximum of 18 months for practical experience, not exceeding a total of 3 years. Medical Interns and Residents - the time typically required to complete the medical specialty involved but limited to 7 years with the possibility of extension if such extension is approved by the Director of the United States Information Agency.
- (c) **Documentation Required for Admission or Readmission as an Exchange Visitor:** To be eligible for admission or readmission to the United States, an exchange visitor must present the following at the port of entry: (1) A valid nonimmigrant visa bearing classification J-1, unless exempt from nonimmigrant visa requirements; (2) A passport valid for six months beyond the anticipated period of admission, unless exempt from passport requirements; (3) A properly executed Form IAP-66. Copies one and two of Form IAP-66 must be surrendered to a United States immigration officer upon arrival in the United States. Copy three may be retained for re-entries within a period of previously authorized stay.
- (d) **Change of Status:** Exchange visitors are expected to leave the United States upon completing their objective. An exchange visitor who is subject to the two-year home-country physical presence requirement is not eligible to change his/her status while in the United States to any other nonimmigrant category except, if applicable, that of official or employee of a foreign government (A) or of an international organization (G) or member of the family or attendant of either of these types of officials or employees.
- (e) **Two-Year Home Country Physical Presence Requirement:** Any exchange visitor whose program is financed in whole or in part, directly or indirectly by either his/her own government or by the United States Government is required to reside in his/her own country for two years following completion of his/her program in the United States before he/she can become eligible for permanent residence (immigration) or for status as a temporary worker ("H") or as an intracompany transferee ("L"). Likewise, if an exchange visitor is acquiring a skill which is in short supply in his/her own country (these skills appear on the Exchange Visitor Skills List) he/she will be subject to this same two-year home-country residence requirement as well as alien physicians entering the U.S. to receive graduate medical education or training (Section 212(e) of the Immigration and Nationality Act and PL 94 484, as amended).

Wenli Ma  
(Signature of Applicant)

Guangzhou, China  
(Place)

4/26/94  
(Date: Mo., Day, Yr.)

IAP-66 (12-85)

**NOTICE TO ALL EXCHANGE VISITORS**

To facilitate your readmission to the United States after a visit to another country other than a contiguous territory or adjacent islands you should have the Responsible Officer of your sponsoring organization indicate that you continue to be in good standing on this copy of the IAP-66 form.

**VALIDATION BY RESPONSIBLE OFFICER**

(1) Exchange visitor is in good standing from \_\_\_\_\_ to \_\_\_\_\_

\_\_\_\_\_  
Signature of Responsible Officer

(2) Exchange visitor is in good standing from \_\_\_\_\_ to \_\_\_\_\_

\_\_\_\_\_  
Signature of Responsible Officer

(3) Exchange visitor is in good standing from \_\_\_\_\_ to \_\_\_\_\_

\_\_\_\_\_  
Signature of Responsible Officer

(4) Exchange visitor is in good standing from \_\_\_\_\_ to \_\_\_\_\_

\_\_\_\_\_  
Signature of Responsible Officer

(5) Exchange visitor is in good standing from \_\_\_\_\_ to \_\_\_\_\_

EXHIBIT 84  
PAGE 22 OF 22 PAGE(S)

# EXHIBIT 85

~~INITIAL HERE~~AUTH WNC DRAFT WNCCLEAR 1 RST

UNCLASSIFIED

OIG/INV: WNCRANE

02/05/96 4-1949

OIG/INV: WNCRANE

OIG/INV: RSTERJESEN

ROUTINE GUANGZHOU

ROUTINE BEIJING

OIG CHANNEL - STATE FOR AFU - MICHAEL YEN

E.O. 12958: N/A

TAGS: ASIG

SUBJECT: RECORDS SEARCH

1) THE OFFICE OF INSPECTOR GENERAL, OFFICE OF INVESTIGATIONS (OIG/INV) HAS RECEIVED A REQUEST FOR INVESTIGATIVE ASSISTANCE FROM THE NUCLEAR REGULATORY COMMISSION, OFFICE OF INVESTIGATIONS (NRC/OI), AND THE FBI. THOSE AGENCIES ARE JOINTLY INVESTIGATING THE CIRCUMSTANCES SURROUNDING THE RADIATION CONTAMINATION OF DR. WENLI MA, A PRC NATIONAL WHO IS IN THE U.S. WITH HER HUSBAND, DR. WENLING ZHENG.

2) BACKGROUND: DR. MA AND HER HUSBAND ARE MEDICAL RESEARCHERS WORKING UNDER THE FOGARITY INTERNATIONAL VISITING FELLOWSHIP PROGRAM AT THE NIH, NATIONAL CANCER INSTITUTE, BETHESDA, MD. IN JUNE, 1995, IT WAS DISCOVERED THAT DR. MA WAS CONTAMINATED WITH RADIOACTIVE PHOSPHORUS-32 (P-32) WHILE WORKING AT THE LAB. SHE WAS PREGNANT AT THE TIME. NO EXPLANATION HAS BEEN DEVELOPED TO ACCOUNT FOR THE PRESENCE OF P-32 IN THE LAB AREA AND NO ONE WAS SUPPOSED TO BE USING RADIOACTIVE MATERIALS IN THE LAB, AT THAT TIME.

3) DURING THE COURSE OF THE INVESTIGATION, ALLEGATIONS

UNCLASSIFIED

CASE NO. 1 - 95 - 033

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PAGE 1 OF 3 PAGE(S)

UNCLASSIFIED

2

WERE RECEIVED INDICATING ULTERIOR MOTIVES REGARDING THE INCIDENT. IT IS ALLEGED THAT MA AND ZHENG MAY HAVE OTHER CHILDREN IN CHINA AND ANOTHER BIRTH WOULD BE A VIOLATION OF CHINESE LAW. IT IS ALSO POSSIBLE THAT THEY ARE SEEKING MONETARY COMPENSATION OR PERMANENT RESIDENCE, AS A RESULT OF THE CONTAMINATION. TO DATE, HOWEVER, BOTH DENY HAVING OTHER CHILDREN AND DISAVOW CULPABILITY IN THE CONTAMINATION INCIDENT.

## 4) FOLLOWING IS DATA RELEVANT TO THE TWO INDIVIDUALS:

NAME: WENLI MA  
AKA: MARYANN MA  
SEX: FEMALE  
BIRTH: [REDACTED]  
MARRIED: [REDACTED]  
PRC ADDRESS: UNKNOWN  
PARENTS: YANG HUA YAO AND BI LING MA, GUANGZHOU  
EDUCATION: BEIJING UNIVERSITY MEDICAL COLLEGE  
DEGREE: PHD 1993  
-----  
ZHONG SHAN UNIVERSITY, GUANGZHOU  
-----  
POST GRADUATE DEGREE, 1994  
VISA: J-1 ISSUED 5/16/94 - GUANGZHOU  
PASSPORT NO: [REDACTED]

NAME: WEN LING ZHENG  
AKA: BILL ZHENG  
SEX: MALE  
BIRTH: [REDACTED]  
PRC ADDRESS: [REDACTED]  
-----  
[REDACTED]  
-----  
PARENTS: ZHIXING ZHENG AND FENQIN ZHANG, KAIFENG  
-----  
CITY  
EDUCATION: GUANGZHOU MEDICAL UNIVERSITY, MD, [REDACTED]  
-----  
BEIJING MEDICAL UNIVERSITY, PHD, [REDACTED]  
VISA: J-1 ISSUED 8/9/94 - GUANGZHOU  
PASSPORT NO: [REDACTED]

5) ACTION: THE FOLLOWING ITEMS ARE REQUESTED IN FURTHERANCE OF THE NRC/FBI INVESTIGATION. IF A SPECIFIC ITEM CANNOT BE ACCOMPLISHED, BECAUSE OF LOCAL CONDITIONS, PLEASE ADVISE ASAP.

[REDACTED]

UNCLASSIFIED

EXHIBIT 85  
PAGE 2 OF 3 PAGE(S)

UNCLASSIFIED

3

A) PLEASE PULL THE ORIGINAL VISA APPLICATIONS AND ANY OTHER RECORDS THE CONSULATE MAY HAVE RELATING TO EITHER OF THESE INDIVIDUALS.

B) PLEASE SEARCH APPROPRIATE CIVIL INDICES FOR ANY BIRTHS REGISTERED TO EITHER INDIVIDUAL. IF LOCAL INDICES ARE NEGATIVE, IT WOULD BE HELPFUL IF POST WOULD HAVE SIMILAR CHECKS CONDUCTED IN BEIJING.

C) IF POSSIBLE, INTERVIEWS SHOULD BE CONDUCTED OF RELATIVES, FORMER COWORKERS AND COLLEAGUES OF THE TWO INDIVIDUALS, IN THE GUANGZHOU AREA, IN AN EFFORT TO CONFIRM THE EDUCATION DEGREES CLAIMED, AS WELL AS TO ELICIT INFORMATION ON THE COUPLE'S HISTORY, IE, OTHER CHILDREN. OF PARTICULAR VALUE WOULD BE AN INTERVIEW OF MA'S MOTHER, BI LING MA, WHO PURPORTEDLY VISITED MA IN THE U.S. WITHIN THE LAST 60 TO 90 DAYS. THE MOTHER IS BELIEVED TO RESIDE IN GUANGZHOU AND PRESUMABLY WOULD HAVE OBTAINED A VISA AT POST.

6) THE RESULTS OF THESE EFFORTS SHOULD BE SENT BY THE MOST EXPEDITIOUS MEANS TO OIG/INV, ATTENTION WILLIAM N. CRANE. ORIGINAL RECORDS ARE REQUESTED; POST SHOULD MAKE COPIES FOR LOCAL RETENTION. THE POUCH ADDRESS IS DOS/OIG/INV/SA-39, WASHINGTON, DC 20522-3908. THE ADDRESS FOR COMMERCIAL SERVICE IS DOS/OIG/INV, 1700 NORTH MOORE STREET, RM 840, ARLINGTON, VA 22209-3908. IF THE RECORDS HAVE BEEN RETIRED, PLEASE ADVISE OF THE CURRENT LOCATION. IT WOULD BE HELPFUL IF EACH ITEM IS SENT AS SOON AS IT IS OBTAINED, RATHER THAN WAIT FOR EACH TO BE ACCOMPLISHED.

7) IF POST HAS QUESTIONS ABOUT THIS MATTER, PLEASE DO NOT HESITATE TO CONTACT NRC SPECIAL AGENT GERALD KENNA, DIRECTLY. MR. KENNA CAN BE REACHED AT (610) 337-5336 (VOICE MAIL), AT 1-800-432-1156 (EASTERN STANDARD TIME) OR E-MAILED (VIA INTERNET) AT GFK@NRC.GOV. POST'S ASSISTANCE IN THIS UNUSUAL REQUEST IS APPRECIATED. REGARDS. YY

UNCLASSIFIED

EXHIBIT 85  
PAGE 3 OF 3 PAGE(S)

# EXHIBIT 86

UNCLASSIFIED  
PROG 05/10/96  
CONS:EMCKEON  
CONS:EMckeon, 2544L  
ADM:RNELSON  
CONs Admin

2544L

EM  
EMc  
RN

AmCONSUL GUANGZHOU  
SECSTATE WASHDC

OIG Channel - State  
OIG/NIV for WNCrane

E.O. 12958: N/A  
TAGS: ASIG, CIVS

subject: records Search

REF: A) State 92138, B) State 22788, C)  
Guangzou 1208

Guangzhou responded to department inquiry in February 1996. At that time we asked whether CA/VO had been consulated concerning this request for confidential visa records. No response has been received from OIG.

However, as to substantive request, we have found no visa records so perhaps issue is moot. We have no ability to search civil records for birth certificates, etc. Consular officers are not able to conduct investigative inquiries as requested in paragraph 5(c) of reftel (B).



To: william n crane@inv\_sc dos\_oig  
Cc:  
Bcc:  
From: Edward J. McKeon  
Subject: OIG Request  
Date: Sunday, May 12, 1996 8:35 AM  
Attach:  
Certify: N

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Under standard record keeping guidelines, consular posts only keep issued visa records for one year. Then they are destroyed. If we DID have the original OF-156, the Visa Office would be on our backs to start shredding! According to Records Management Handbook, nonimmigrant visa records are not retired, but destroyed. Even our computer system, NIV-CAPS, automatically purges NIV issuance records after one year. I'm sorry, but we have nothing on this case here.

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Reply

To: Edward J. McKeon From: William N Crane  
Subject: OIG Request Date Sent: 05/10/96

Mr. McKeon:

Thank you for your quick response. OIG responded to post's query regarding CAVO's clearance of our request on February 12. Our cable (State 030080) went to Guangzhou - AFU Michael Yen, with an info to Beijing, indicating that clearance was obtained on that date..

According to FBI records, the two individuals in question were issued J-1 visas in Guangzhou in 1994. The known details were sent in our original cable. Given the high priority and sensitivity of this matter, we need to try to ascertain why the records can't be found at post. Would it be useful to send photocopies of the visa pages?

Given the utility of e-mail, OIG will not/not transmit this information by cable. However, a copy of this e-mail will be retained for the file.

Your expeditious response to this matter will be appreciated.

Sincerely,

William N. Crane  
OIG/INV

# EXHIBIT 27

INTERVIEW REPORT  
OF  
JOHN BUOLAMWINI

On September 26, 1995, John BUOLAMWINI, former Visiting Research Fellow, National Institutes of Health (NIH), was personally interviewed by Nuclear Regulatory Commission (NRC), Office of Investigations (OI), Investigator Gerard Kenna. The interview was conducted at BUOLAMWINI's office located at Room 417, Faser Hall, University of Mississippi, Oxford, MS. BUOLAMWINI was formerly employed at NIH, National Cancer Institute (NCI), Building 37, Room 5D17, Bethesda, MD. The interview started at approximately 8:25 a.m.; no other persons were present. The purpose of the interview was to obtain general information regarding the 5th floor laboratories of building 37 at NIH. In addition, the interview was conducted to determine BUOLAMWINI's knowledge of the contamination incidents at NIH in which Wenli MA was contaminated with phosphorus-32 (P-32) and the 5th floor water cooler contaminated with P-32 and phosphorus-33 (P-33). BUOLAMWINI was also interviewed because Wenling ZHENG and MA wrote a letter dated July 16, 1995, regarding BUOLAMWINI. BUOLAMWINI provided the following information in response to questions:

He resides at [REDACTED] and he had been employed at NIH from 1992 until the fall of 1994. He is currently employed, since the fall 1994, as a professor at the University of Mississippi, Oxford, Mississippi. His telephone number at work is 601-232-5882. He claimed to have a Ph.D., however he declined to discuss his educational background during the interview. Almost at the beginning of the interview BUOLAMWINI requested payment from the NRC for participating in the interview. He theorized that since the investigator was getting paid to conduct the interview, and was receiving travel expenses and per diem, that he should also receive payment. He was advised that the NRC does not pay for interviews. His date of birth is [REDACTED] (subject declined to state his place of birth), and his Social Security Number [REDACTED]. While working at NIH, he was supervised by John WEINSTEIN, first in Building 10, then in Building 37. According to BUOLAMWINI, WEINSTEIN voluntarily moved from his laboratory in Building 10 to Building 37. BUOLAMWINI stated that in Building 37, he worked in the Laboratory of Molecular Pharmacology (LMP).

The 5th Floor of Building 37 contains three laboratories: the LMP, the Laboratory of Medicinal Chemistry, and the Laboratory of Biological Chemistry. All three laboratories combined have about one hundred and twenty employees.

During his employment, he conducted experiments under the direction of WEINSTEIN. He mostly worked on a project called "Differential Display." However, he also worked on "Restriction Display" experiments. BUOLAMWINI was shown documents obtained from the LMP laboratory and identified the documents as laboratory notes (maintained in OI:RI files). About a month before he departed his employment-at NIH he started the Restriction Display experiments. He identified the related Restriction Display documents (attached). He only worked with Wenling ZHENG and MA for about one week.

BUOLAMWINI said that WEINSTEIN was very outgoing and required his employees to work, and he did not consider WEINSTEIN to be abusive to anyone. He said that

he, and to his knowledge the other employees that worked in WEINSTEIN's laboratory, liked working for WEINSTEIN.

Under WEINSTEIN's direction, BUOLAMWINI conducted experiments at the Building 37, 5th floor NIH laboratory using P-32, sulfur-35 (S-35) and tritium. He never used P-33 for his experiments. He never used any radioactive material in the Frederick laboratory. There were two meters in the laboratory, one pan meter and one barrel geiger meter.

He recalled traveling several times with WEINSTEIN to the NIH laboratory in Frederick, MD. He worked on a project collecting protein from cells and on occasion would work late at night processing the cells. BUOLAMWINI denied stating that WEINSTEIN "did not respect other person's individuality," or that he [BUOLAMWINI] started a collaboration with a company that provided service in 2-D gels, but WEINSTEIN monopolize the connection himself. BUOLAMWINI was questioned regarding ZHENG and MA's written comments (attached) regarding WEINSTEIN; however, BUOLAMWINI denied any animosity with WEINSTEIN, or any other personnel in WEINSTEIN's laboratory.

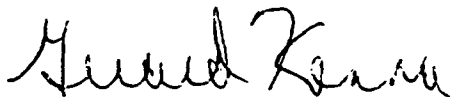
BUOLAMWINI, WEINSTEIN and Tim MYERS did collaborated on a project with Lee ANDERSON of LARGE SCALE BIOLOGY CORPORATION, Rockville, MD. The project involved the Molecular Target Identification Project and ANDERSON processed the gels for the project. When first questioned, BUOLAMWINI stated that ANDERSON participated in the project without payment, but later during the interview, BUOLAMWINI said ANDERSON was paid for his work on the project.

BUOLAMWINI could provide no pertinent information regarding the contamination incident at NIH in which MA was contaminated with P-32. In addition, he could provide no pertinent information regarding the P-32 and P-33 contamination of the 5th floor water cooler.

The interview was terminated at approximately 9:15 a.m.

This interview was reported on September 27, 1995.

Reported by:



Gerard Kenna, Investigator  
Office of Investigations  
Field Office, Region I



Attachments:  
As Stated

EXHIBIT 27

PAGES 3 - 7 OF THIS EXHIBIT IS PART OF A RESEARCH REPORT. THESE PAGES  
ARE BEING MAINTAINED IN THE OFFICE OF INVESTIGATIONS:HEADQUARTERS

Wenli Ma, M.D., Ph.D.  
Wenling Zheng, M.D., Ph.D.

July 16, 1995

Mr. Jerry Kenna  
Investigator  
U.S. Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, PA 19406

Dear Mr. Jerry Kenna


Here's some extra information that you may requested:

The telephone number of Dr. John Buolamwini: 601-232-5882 (O) and [REDACTED] Dr. John Buolamwini had been working as an international visiting fellow in NIH prior to our arrival. He might be knowing the laboratory in NCI-Frederick, since John took him as well as us to that lab the first weekend we arrived here, doing some experiments which lasted from 8:00 pm to 4:00 am. He had also complained that John's did not respect other person's individuality, saying that he started a collaboration with a company that provided service in 2-D gels, but John monopolize the connection himself.

Mr. Maken Doran of OTT: 496-7735 ext 215. Mr. Doran had called John around February, asking some technical questions, when we had already got the preliminary data using our modified protocol, when John happened to go to San Francisco for a meeting. Mr. Doran's call was transferred to me by someone since he would like someone who's familiar with the technique for certain explanation. I did give him some of the explanations. While I told John about this when he's back, he said he never expected that I talk with OTT. Two weeks later, I received a call from Mr. Doran when John's not available again, but I did not talk much with him.

Thanks for the concern and help.

Sincerely,

  
Wenling Zheng, & Wenli Ma., M.D., Ph.D.

Enclosure:

1. e-mail return with the margin not being justified.
2. Express mail receipt that John'd alleged of mailing to England.
3. Instruction to authors, indicating the address of the Editorial Office in the U.S., also restrictions that for short method paper must be within two print pages.
4. Manuscript submittal form that John fax to Prof. Ian Eperon, which is not the legal address of the Editorial Office in U.K., also, the total length (2.13) was intentionally surpass the limit.