

Ref. 10598
Russell, NRR



PAMELA BLOCKEY-OBRIEN
D23 Golden Valley, Douglasville, Georgia 30134 U.S.A.

Ltr only, Taylor Thompson Cyr
Blaha

The Executive Director,
US Nuclear Regulatory Commission,
Washington, DC 20555

50-160 May 24th 1996



Remember
GRANT MY
2.206
NOW!!!

Dear Director,

Please enter the enclosed 500 plus pages of BOTH testimony and supporting documents (20 pages of testimony) given before Atomic Safety and Licensing Board Judges, May 22nd, 1996 in Atlanta, concerning the Neely Nuclear Reactor complex on the Georgia Tech campus under my 2.206 Petition under 10 CFR Ch. 20 against this polluting facility.

In connection with the enclosed, Dr. Steadman testified to the Judges that the sewer system/Combined Sewer over ws now approximately 50 (fifty) times a month into Tan. /Peachtree Creek. So, basically any time they dump to the sewers from the Tech reactor, it's going to a creek that flows through peoples backyards and with bad luck could hit the city drinking water intake. As she said, this must stop.

The State of Georgia is getting ready to license the cobalt-60 again. They should not be allowed to do this, you should all take it back to Savannah River from whence it came. Get it back to the DOE. They can take their "gift" of death back.

You will see that the 'ommissioners of the NRC made a huge error denying the first par of my 2.206. Did they even read it ? I have proved beyond a shadow of a doubt that everything I said under it is true. In light of this, my 2.206 should be granted in its entirety. When I was given that few paragraphs about how to file a 2.206 I did exactly what it said. It did not say anything about how NRC has a whole set of internal criteria for weaselling out of granting 2.206 Petitions. It said what to do, and I did it.

I draw your attention to the fact that the LEU should not be brought in at all after the Olympics, or at any time, it is ridiculous to allow them to bring it in when there are two proceedings against it. The enclosed Hardeman memo (which was also in relation to the hundreds of thousands of Curies of CO-60 in the pool for spent fuel storage and on site) shows there is a terrorist threat of some type. NRC must act NOW. They are going to pull all lthe sources in from across the campus and put them there too during the Olympics (ask Bob Lang, head of government secured installations at Tech) and according to what I have been told, they hauled the over 4,000 lb lead co-60 irradiator out from "Crenshaws Mountain" and stuffed that in the reactor containment too (and probably violated DOT regs while they did it.) So now, if the whole thing ever does go, add over 4,000 lbs of lead to the scenario. Lang did not even know about the irradiator.

Enough already! The whole place is like a medieval pig pen. A radioactive medieval pig pen. NRC must protect the public and grant my 2.206 quickly. It is the only sane thing to do. This is an emergency. Thank-you.

Pamela Blockey-O'Brien
Pamela Blockey-O'Brien.

P.S. Note in the enclosed that Atlanta IS in a big earthquake zone, like I said.

Enclosures: Testimony +
back-up documents, Map

04001
9606050120 960524
PDR ADDCK 05000160
PDR

A020
11

NRC FORM 595
(9-95)

U.S. NUCLEAR REGULATORY COMMISSION

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A chart.
TO GO UNDER MY 2.206 PETITION
AGAINST THE TECH REACTOR, DOCKET SD-160
Pamela Blodgett-O'Brien

DIRECT RAD
MISSING THD'S, UNABLE TO
THD MEASUREMENTS OF UP
DOSES HIGHER THAN AT W
SAVANNAH RIVER NUCLEAR S

ONSITE 14 THD'S OVER
3 THD'S OVER
1 THD. OVER

SITE PERIMETER 1

58 BELOW 6

3 OVER 90

ALL THE REST BE

GA. TECH 1994 PERIMETER A

55 MEASUREMENTS TAKEN A

LOWEST 57 + 7 MR
THD MEASUREMENT

12 OVER
THD MEASUREMENTS

8 OVER
THD MEASUREMENTS

AT THE PERIMETER AND

STON
LOCATE TLD'S

50 MR/hr, MANY "IN TRANSIT" (FOR STUDENTS)
SS BAY TRIDENT NUCLEAR SUB BASE, FOR THE SHUT

TE, 96 TLD'S LOCATED IN WORST AREAS

0 MR/YR
00 MR/YEAR
00 MR/YEAR (315.4 MR/YR)

D.O.E. SITE
OFFSITE D.O.E. ALLOWED
NOT MORE THAN 100 MR/YEAR
ALL PATHWAYS

79 TLD'S (PERIMETER D.O.E. SITES → 100 MR/YR) 1994

MR/YR (LOWEST 50.8 MR/YR)

DATA

M.R./YEAR (94.7, 90.1, 91 MR/YR)

ANSTEC
APERTURE
CARD

BETWEEN 60 MR/YR AND 90 MR/YR

Also Available on
Aperture Card

D "OFFSITE" i.e. ON CAMPUS PAST FENCE



14 TLD'S (ONE WENT MISSING)

(2 BELOW 60 MR/YR)

90 MR/YR

9606050120-01

100 MR/YR (HIGHEST 127+2)

ON CAMPUS! SINCE E.P.D. (AKA TECH?!) DID REPORTING

THE LOWEST 2 MEASUREMENTS EVER: 49 ± 15

138	MEASUREMENTS	BETWEEN	100 MR/Y
3	MEASUREMENTS	BETWEEN	200 MR/Y
7	MEASUREMENTS	BETWEEN	300 MR/YR
7	MEASUREMENTS	BETWEEN	400 MR/YR
2	MEASUREMENTS	BETWEEN	500 MR/YR
1	MEASUREMENT		615 ± 36 MR/YR
1	MEASUREMENT		726 ± 73 MR/YR
1	MEASUREMENT		997 ± 36 MR/YR

ALL OTHERS IN 50's, 60's, MANY IN 70's, 80's AND 90's

MEASUREMENTS 3/04/96 (SINCE FUEL REMOVAL) 119
OVER 100 MR/YR ROD

HUGE COMMERCIAL NUCLEAR REACTORS AT AN OFFSITE

TLD'S DAWSON FOREST WILDLIFE MANAGEMENT
7/26/83 TLD 1 84 ± 11 MR.YR, TLD 2 105 ± 11, TLD 3 81
THIS AREA WAS RESTRICTED TO THE PUBA

... TAKEN ... BETWEEN
... BETWEEN 01/24/78 AND
03/04/96

MR/YR AND 49 ± 11 IN 1982

AND 200 MR/YR

AND 300 MR/YR

AND 400 MR/YR (HIGHEST 395 ± 41)

AND 500 MR/YR (~~594 ± 36~~ ~~7/21/83~~)
(460 ± 36)

AND 600 MR/YR (594 ± 36 7/21/83
511 ± 55 5/27/88)

10/31/83

12/20/88

03/18/85

MAJORITY)

ANSTEC
APERTURE
CARD

Also Available on
Aperture Card

3, 105+6, 123+1, 130+2, 103+3
MR/YR

MEANT TO NOT EXCEED

SITE (LOCKHEED NUCLEAR SITE)

11, TAD 8 293 ± 34

9606050120-02

CAS TAD CONTAMINATED

~~SAVANNAH RIVER SITE~~
~~132 SOIL SAMPLE~~

SAVANNAH RIVER NUCLEAR

H-AREA HIGHEST C

GA. TECH CS-137 I

CS-137 IS A
GAMMA EMITTER

CS-137 I
INTERNAL
TECH REAC
FACT IN
1985-1987

ON WATER TECH DUMPS
GA. DNR/EPD RAD. DIVI

" CO-60 IS NOT READILY

" WE HAVE NEVER DET
BACKGROUND WATER S
RARELY DO WE FIND
LEVEL (MDL) OF /

~~LOWER THREE RUNS CREEK~~

~~HIGHEST CS = 137~~

ANSTEC
APERTURE
CARD

Also Available on
Aperture Card

SITE (DOE/WESTINGHOUSE/DUPONT) 1994 REPORT

137 IN SOIL = 1.01 pci/g or 1010 pci/kg

SOIL 3/18/85 1500 pci/kg

SOIL 4/24/86 1400 pci/kg

EPD/TECH DOCUMENTS ATTRIBUTE THIS TO THE
OR FACILITY - BUT NOTHING IS SAID ON THAT
A. DNA RADIATION SURVEILLANCE REPORT BOOK

TO SEWERS

ON SAYS:

SOLUBLE IN WATER "

AUG. 10, 1990 MEMORANDUM TO

BETTY REVSIN (FORMER

NRC INSPECTOR WHO

WENT TO TECH TO WORK)

CTED CO-60 IN ANY 9606050120-03

MPHE COLLECTED IN THIS STATE, IN FACT,

CO-60 ABOVE OUR MINIMUM DETECTABLE

PCI/L IN SAMPLES COLLECTED AT OR

IMMEDIATELY/ BELOW THE DISCHARGE OF FACILITIES "

CO-60 IS A MAN MADE ACTIVATION PRODUCT, PRODUCT OF THE CHAIN REACTION. CO-60 EMITS GAMMA AND SAFE DRINKING WATER ACT ALLOWS 100 pCi

TECH LEVELS IN WATER TO SEWERS (WHICH BECOME

9/11/80	360 pCi/L	-	5/22/81	170 pCi/L	-
3/22/83	103 pCi/L	-	5/31/88	190 pCi/L	-
6/20/90	130 pCi/L	-	1/15/91	130 pCi/L	-
3/4/92	190 pCi/L				

E. P. A. (FEDERAL) "ALLOWABLE" LIMIT

TECH BETA IN WATER

U-235 IS A BETA EMITTER
 SR-90 IS A BETA EMITTER
 I-131 OR I-129 HIGH ENERGY GAMMA
 PLUTONIUM ALPHA EMITTER (NOT PICKED UP BY GEIGER COUNTERS)

1/23/79
12/18/80
2/16/81
6/14/82
3/19/84
10/11/89
1/15/91
5/22/91
3/4/92
6/21/95
12/19/95

MOST "WHOLE BODY" COUNTERS CANNOT DETECT ALPHA AND BETA INSIDE THE BODY.

CAN ONLY DETECT X-RAYS AND GAMMA EMITTED FROM WITHIN THE BODY.

FIXED NUCLEAR

ED AS A RESULT OF THE VIOLENCE OF
BETA RADIATION
L CO-60 (NEW E.P.A. REGS. MAY
CHANGE THIS)
S SOMEONES DRINKING WATER)

6/14/82 160 pCi/L

9/27/88 240 pCi/L

5/22/91 520 pCi/L

ANSTEC
APERTURE
CARD

Also Available on
Aperture Card

BETA (IN WATER) 50 pCi/L

BETA 1450 pCi/L

" 1950 pCi/L

" 1530 pCi/L

" 1160 pCi/L

" 445 pCi/L

" 120 pCi/L

" 1,100 pCi/L

" 610 pCi/L

" 800 pCi/L

" 111 pCi/L

" 141 pCi/L

9606050120-04

INDUSTRIAL DEVELOPMENT COUNCIL
FOUNDED 4/13/1937
INCORPORATED 2/9/46

* EES = FUNDING-MINKY
FROM DEPT. OF DEFENSE

HUNTSVILLE, ALA

1970/71 BUDGET
\$7.2 MILLION

FORMER EES

GTRI INC.
(STATE AND A CORP.)
PRES: CHOUGH
SEC: R. H. TRUWY
CFO: J. G. ROCHÉ
CPO: R. M. BELL
AGENT: BELL
V.P.I. BELL

SAME
SEC. CPO, AGENT

→ LAWYER: ARK WRIGHT (GA. POWER)

ADAMIRAL TRUWY
TECH. GRADUATE
NASA

GTRI } LISTED AS
GTRC } NON-PROFIT
GAA } COMPANIES
NO BUSINESS LICENSE
WITH CITY,

LAW OLYMPIC CONTRACTS
NON-SITE SPECIFIC TEST
EARTH QUAKE STUDY
REACTOR SOIL BORE
TESTS: HIGH GROUND WATER

* STRELSON AND
EES REORGANIZATION
PLAN

FORMERLY CALLED
ENGINEERING
EXPERIMENT
STATION

GTRC
A PRIVATE CORPORATION
\$136,000,000
1994

PRES: CHOUGH
SAME
STRELSON SIGNED ONE EED
GTRC CONTRACT

LAWYER: LANIER

NASA
WESTINGHOUSE
2,500,000 CI 60-60
ENCAPSULATION AT
REACTOR COMPLEX
MASSIVE CONTAMINATION
ACCORDING TO FORMER
RSD

MINKY FORMER DNR/EPD HINT
JOINED LAW
LEDBETTER - FORMER DNR COMMI.
WHO WENT TO LAW
SIGNED CONTRACTS

STATE
DNR/EPD

RADIATION PROT. DIVISION
(AL. GOODEN-E)

CONTRACTS W. GTRC
ALL TESTS, STATE
DRINKING WATER,
HELP WITH PUBLISHED
REPORTS
PROVISION TO MODIFY DATA (INFORMAT)
EPD RAD. DIV. OMMITS INFO.
FROM REPORTS ON CONTAMINATION

BORON NEUTRON CAPTURE THERAPY (BNCT)
(HEARING BISMUTH BLOCK)

* STENSON
PUSHES CHANGES IN
OVERSIGHT FOR DR. KIRRAM TO HAVE OVER

GLIOBLASTOMAS
ENDOMETRIOSIS

MILITARY SPACE
CREWS

IN
CONS
CHEMI.

SAME
LAWYER

GA. RESEARCH ALLIANCE

G. R. A.
FMA, GOV. HARRIS
LAWYER: LANIER

NO BUSINESS
MISCE
NO PROPER ADDRESS
ON DOCUMENTS
ACC. TO SEC. OF STATE

FUNDED BY LICENSERS

STONER DNA/EPD RADIATION PROTECTION DIVISION AND N.R.C.

STATE GEOLOGIST →

CITY GIVEN SAME DATA FOR 3 YEARS IN A ROW →

NEUTRON TECH.
MORRISON KNUDSON (ENGINEERING/CONSTRUCTION)
VESTAR INC. (PHARMACEUTICALS)
D.O.E. RATED TECH BEST PLACE FOR BNCT

CONTRACT →

SIGHT

MUSTARD GAS EXPOSURE RADIATION FROM LOW ENERGY/HIGH DOSE RADIATION/SOLAR CAUSES: PHARES, FOR MILITARY SPACE

ATOMIC ENERGY COMMISSION (AEC)

NUCLEAR NAVY A.E.C. + WESTINGHOUSE

DEPT. OF ENERGY (D.O.E.)

NRC HAS "OFFICIAL" BECAME AND "UNOFFICIAL" REPORTING

N.R.C.

WAGNER REG-II AND REYSIN NRC TO TECH

SEWER BYPASSING TO CHATTAHOOCHEE IN HEAVY RAIN

W. G. MEYER (REACTOR EXPERT)

HELP WITH INSTRUCTION FOR COURSES BY: EMORY UNIV BAGCOCK + WILCOX, OAK RIDGE, G.E., ARLIS - CHAKMERS, WESTINGHOUSE, ATOMIC INTER-HOUSE, NATIONAL ETC.

REACTOR BROUGHT TO TECH BY

AEC TECH/BOARD OF REGENTS GEORGIA POWER COMPANY

SOUTH AND MANY NUCLEAR SUBPROGRAM

REACTOR OPERATORS ETC. ACROSS

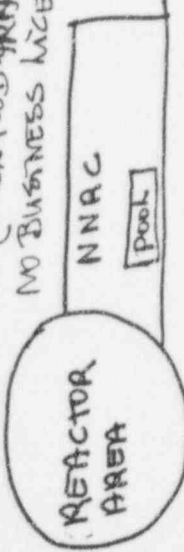
TRAINING FOR REACTOR OPERATORS ETC. ACROSS

SUB-CRITICAL REACTOR (UNDER STAFFS) THEN 1 MW REACTOR

WIDELY USED ENGINEERING/ QUATION/PETRO- CHEMICAL INDUSTRY

POWER LINES
 ORGANIC SOLVENT EXPOSURE AND METHYLENE CHLORIDE
 HERBICIDE EXPOSURE
 VINYL CHLORIDE EXPOSURE
 NUCLEAR FUEL PROCESSING
 PETRO-CHEMICAL EXPOSURE

AC INTERNATIONAL (FUEL ROD FABRICATOR)
 NO BUSINESS LICENSE



HEAVY WATER CONTAMINATED W/ TRITIUM STILL THERE

UNDER TERMS OF ORIGINAL LICENSE POOL ETC. INCLUDED

TECH GOT EXEMPTIONS FROM FINANCIAL PROTECTION REQUIREMENTS STATE DNR MAKES EXEMPTED PROTECTION REQUIREMENTS IN THE CASE

OF THE STATE, ANY AGENCY OF THE STATE, STORAGE OF SPENT FUEL AT ELECTRIC GENERATING FACILITIES (E.G. GA. POWER NUCLEAR PLANTS) OR OTHER STATE UTILIZATION FACILITIES IN FACILITIES LICENSED UNDER 10 CFR PART 50.

LOWERED FINES FOR CIVIL (VIOLATION) PENALTIES FROM \$10,000 DOWN TO \$1,000.

TECH FOUNDATION MEMBER OF GOVERNOR MILLER

9606050120.

06

5 MW REACTOR

NRC DOES NOT DO PROPER INVESTIGATION

NUCLEAR SAFEGUARDS COMMITTEE MEMBERS FOR TECH.

F.M. GOBB : GA. POWER CO.

DR. B. KAHN : CONSULTANT ON SAVANNAH RIVER SITE DOE PROTECTS / GTRC CONTRACTS WITH EPD SPECIFY DR. KAHN

MR. S. EWARD : GA. POWER CO

MR. L. GUGWA : EBASCO / WESTINGHOUSE (DOE CONTRACTS)

JIM O'HARA : FORMER REACTOR RSO TECH REACTOR CONTRACTS

NRC / TECH REE CONTRACTS W/ TECH BY NRC.

TECH REWORKED SAR FOR REICENSING- LEAVING OUT VITAL INFORMATION IN ORIGINAL SAR (1960 SAPEGUARDS REPORT) NRC KNEW THIS

NRC AND EPD RAD. DIVISION LIED AND WERE MISLEADING IN THE PARTIAL RESPONSE TO MV A. 1. 1. 1.

ANSTEC APERTURE CARD
 Also available on Aperture Co.

SEQUOYAH
NUCLEAR
PLANT POWER

TENNESSEE
TO OAK RIDGE
NUCLEAR ST



ALABAMA

NORTH GEORGIA

APPROX MONITORING BOUNDARY FOR SEQUOYAH

FORMER SITE OF AIRCRAFT A HOT CELL, SITE CONTAMINATED DRAINAGE

COOSA RIVER

ROME

ETOWAH RIVER

DOG RIVER

R.M. CLAYTON
SEWAGE TREATMENT PLANT AND INCINERATORS

CHATTAHOOCHEE RIVER

MAJOR ATLANTA EAST BOUNDARY 1960

0.E. HUGE
EASILY CONTAMINATED
GEORGIA

DUKE POWER'S
TO: OCONEE
NUCLEAR
PLANT
NR. SENECA, SC

MOUNTAINS

CXHEED'S GEORGIA NUCLEAR
REACTOR AND
REMAINS
TO ETOWAH RIVER

ETOWAH RIVER
DAWSONVILLE

ETOWAH RIVER
FLOW

MOUTH OF
PERCHREEK CREEK
CHATTahoochee

CITY WATER INTAKE
PERCHREEK CREEK
ATLANTA

ATLANTA 1960
INTERCEPTOR

FLOW
RIVER

LAKE LANIER

ANSTEC
APERTURE
CARD

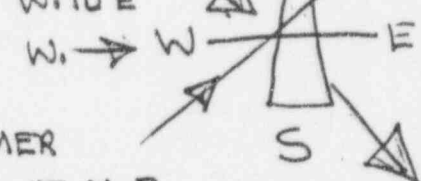
Also Available on
Aperture Card

APPROX.
MONITORING
BOUNDARY FOR
SENOVA/AT

ATHEN

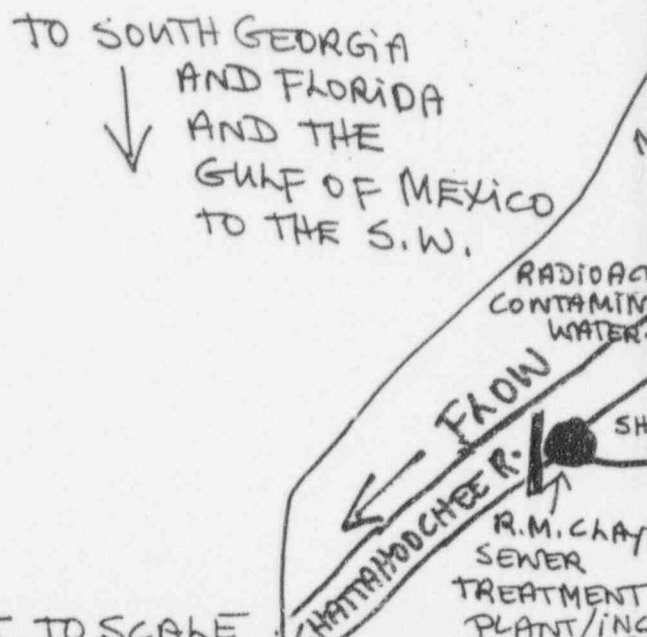
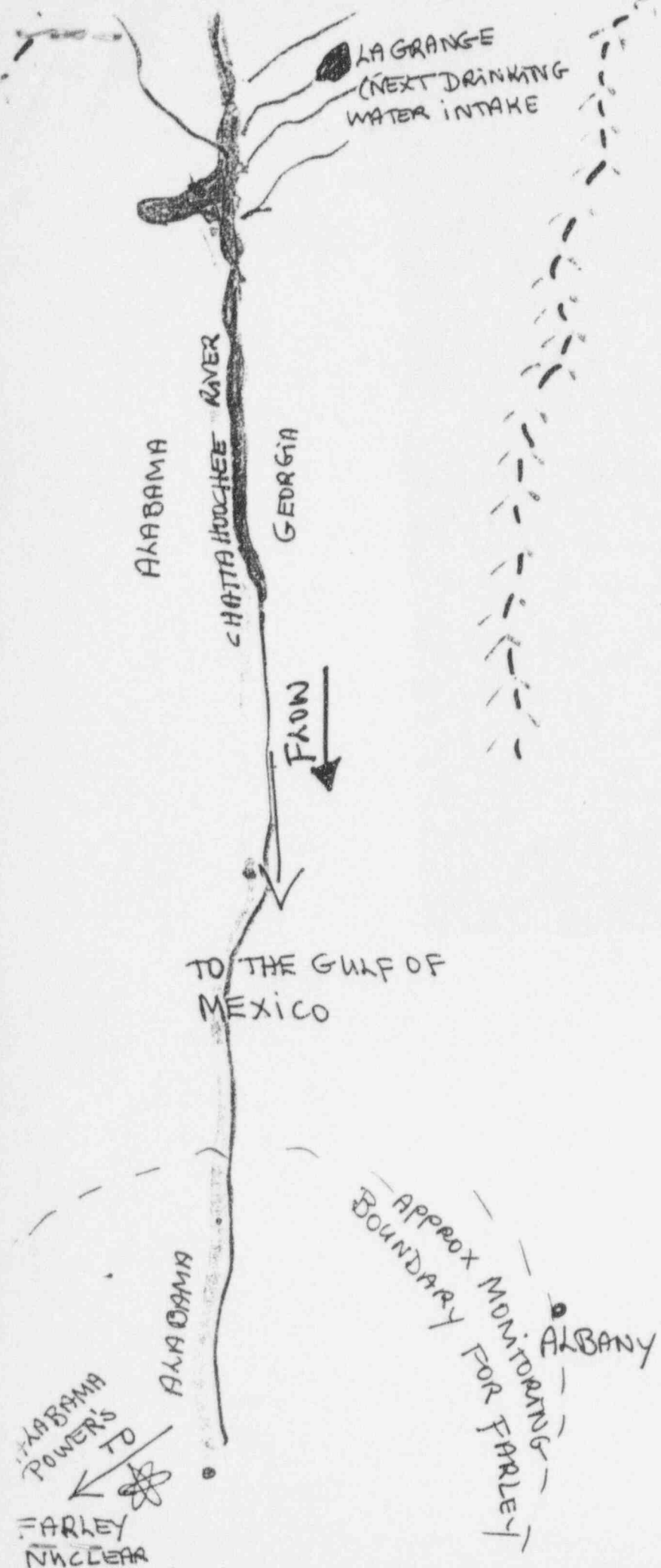
ATMOSPHERIC
LOW LEVEL
SEASONAL SURFACE WINDS
AND STABLE WINDS
PREDOMINANT
WIND DIRECTION

WINTER, SPRING
FALL
N.W. TO S.E.
SOMETIMES W. TO E

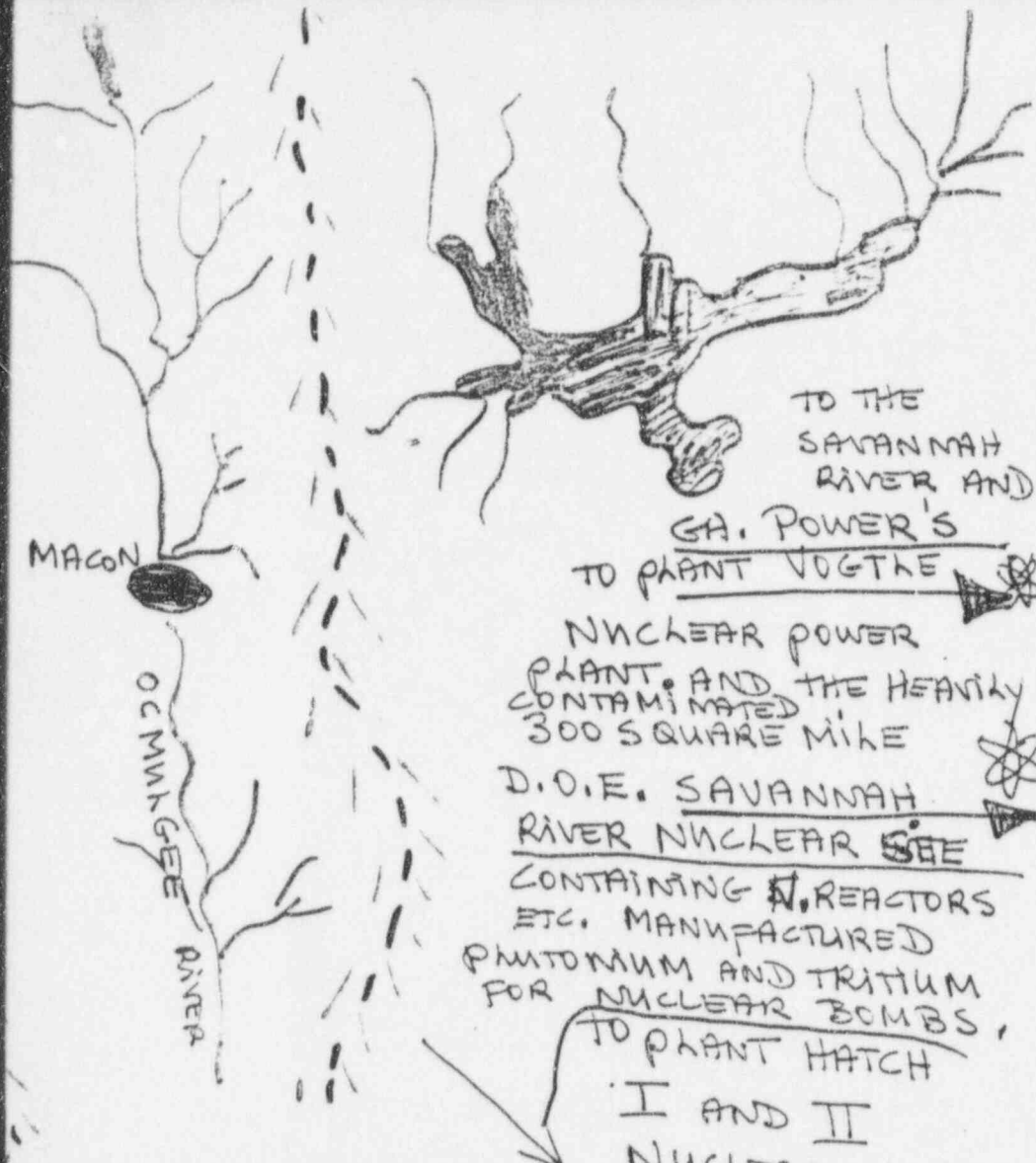


SUMMER
S.W. TO N.E.

9606050/20-07



NOT TO SCALE



MACON

OCMULGEE RIVER

TO THE SAVANNAH RIVER AND

GA. POWER'S PLANT VOGTLE

NUCLEAR POWER PLANT AND THE HEAVILY CONTAMINATED 300 SQUARE MILE

D.O.E. SAVANNAH RIVER NUCLEAR

CONTAINING REACTORS ETC. MANUFACTURED PLUTONIUM AND TRITIUM FOR NUCLEAR BOMBS,

TO PLANT HATCH I AND II

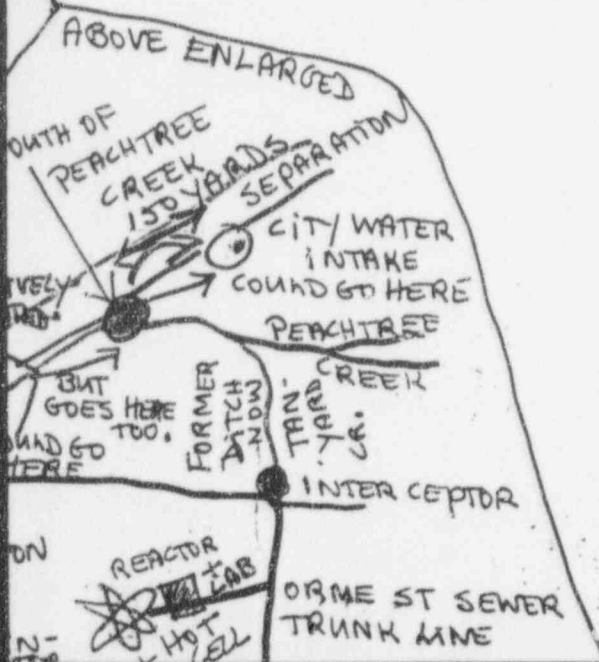
NUCLEAR PLANTS GA. POWER

BAXLEY, GA. ON THE ALTAMAHA RIVER

TO SOUTH GEORGIA AND THE ATLANTIC OCEAN

ANSTEC APERTURE CARD

Also Available on Aperture Card



APPROX. MOMT-ORANG BOUNDARY FOR HATCH I, II



9606050120-08

Keep pages
in sequence
please.

2,206

petition under
docket 50-160
against the
Georgia Tech
Reactors et al.

Arthur S. Lewis

dumping,

Paula Shockey

O'Brien

Keep pages
in sequence
please.

2.20.6

petition under
docket 50-160
against the
Georgia Tech
Reactors et al.

ANNALS + Slaves

dumping,

Paula Shockey -

O'Brien