

CATEGORY 2

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

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 FACIL: 50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina 05000400
 AUTH. NAME AUTHOR AFFILIATION
 CAREY, C. Affiliation Not Assigned
 RECIP. NAME RECIPIENT AFFILIATION
 Region 1 (Post 820201)

SUBJECT: Comment opposing proposal by Shearon Harris to increase capacity of high level nuclear waste storage pools.

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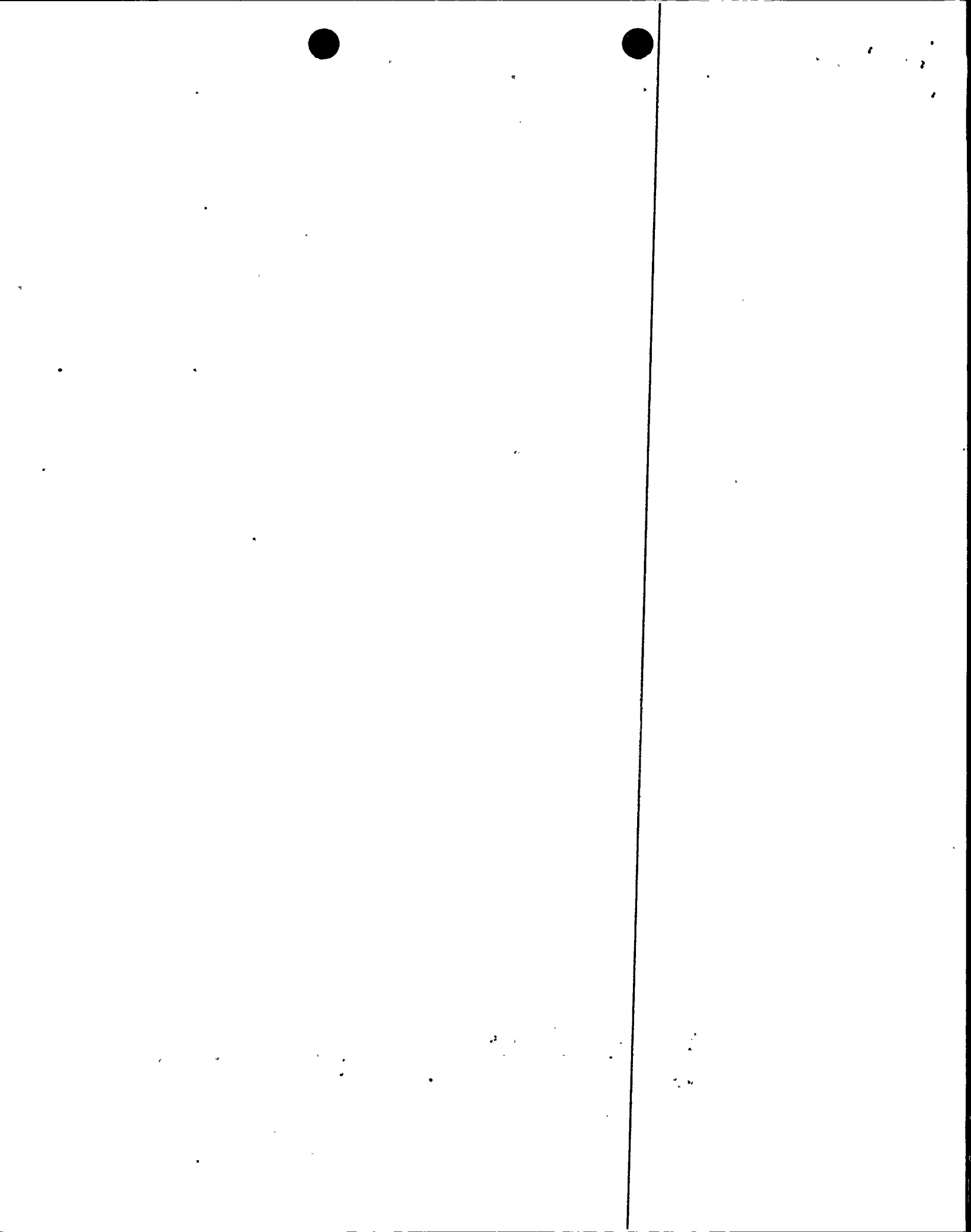
NOTES: Application for permit renewal filed. 05000400

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EP-4



① Carey

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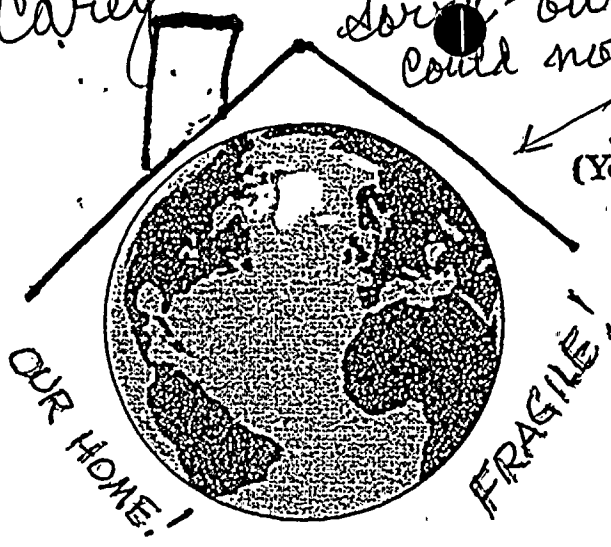
50-400
re: date, but
minutes - got
behind in - why
email - see next
afternoon 1/7/99

Adapted from Boris Rogachevsky's
Jan. 1983 cover of Soviet Life Magazine
(Year of "evil empire" and nuclear winter)

DS09 64FR 2237
S. Flinders Jan. 13, 1999

(11)

2213 Riverside Drive. NE
Grand Rapids MI 49505
email - guntynuke@aol.com
FAX 616-361-7867
Feb. 6, 1999



Public Comment on Shearon Harris NPP
Nuclear Regulatory Commission (specified unknown)
• Wash DC 20555 • NRC of Carolina
Toryth St.
and 475 Allendale PA 23-485
King of Prussia PA atlanta GA 30303
19406

Sirs et al:

another relatively quiet (sneaky? not in media)
nuclear step - the Shearon Harris / CP&L
radioactive waste storage in the 1987 pool?

NO!

Over the years as my now 15 year old
grandkids Brandon & Megan have grown 1/6
into high school, I have gradually - and 1/6
mostly from not in the media source -
learned of many hazards of NPP.
It began when I was shocked to realize
that these two precious babies crawling
on my living room floor in a Nuclear Age
are as vulnerable as any dedicated soldier

*Peacism terms dedicated to my 4---and all---grandchildren
on Megan's first birthday Nov. 18, 1983

9902250289 990206
PDR ADCK 05000400
H PDR

23

I + P - 11
Guidest
man

THERE IS NO "DISPOSAL"! RADWASTE MUST BE ISOLATED, MANAGED, STORED, REPACKAGED, MONITORED, TRANSPORTED, PROTECTED, RETRIEVABLE... FOREVERMORE!

DON'T BELIEVE HIGH-PRICED ADS THAT NUCLEAR IS CLEAN PERMITTED

IT'S JUST SECRET! STOP THIS NUCLEAR TEST IN MICHIGAN! DON'T WASTE MICHIGAN!

→ RADIOACTIVE EFFLUENTS (radioactive releases)
BIG ROCK PLANT - Charlevoix, Michigan
CALL TO MICHIGAN ELECTRICITY 12/22/72

PALISADES IS IC TIME WARRIOR 768 PW

G.R. - CARROLL and R. W. ... We are witnessing the establishment of a permanent HIGH LEVEL NUCLEAR WASTE DUMP on the shores of Lake Michigan... this is being done without any environmental impact statement, cost/benefit analysis or public review.

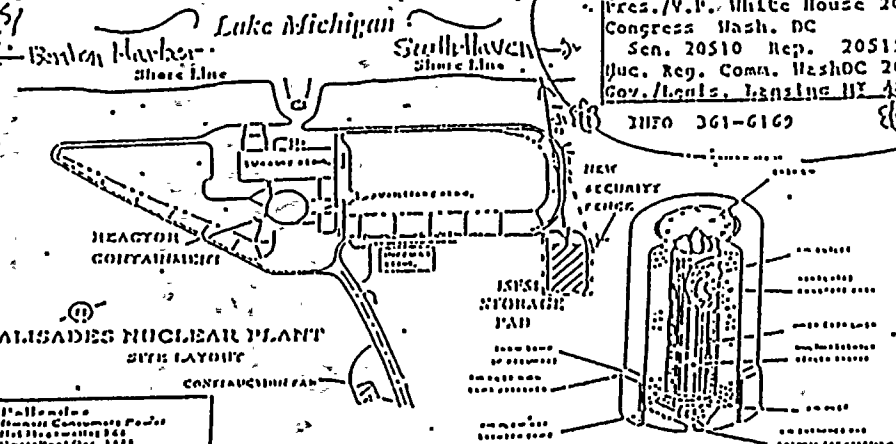
WRITE! NOW!
Pres. V.P. White House 20500
Congress Wash. DC
Sen. 20510 Rep. 20515
Juc. Reg. Comm. WashDC 20555
Gov. Healtz, Lansing MI 48909
INFO 361-6169

OVER

Year	Curies	Year	Curies
1965	132,600	1973	15,000
1966	705,600	1972	4,570
1967	234,000	1971	21,500
1968	232,000	1970	19,700
1969	250,000	1969	12,900
1970	250,000	1968	11,000
1971	234,000	1967	141,000
1972	232,000	1966	22,000
1973	230,000	1965	27,000
1974	123,000	1964	2,500
1975	50,000	1963	7,770
1976	15,200	1962	7,000
1977	13,000		

Total Curies 3,233,570

ASK FOR PALISADES RECORDS



From: U.S. Environmental Protection Agency, October 1971 (up-dated?)
and NRC publication "Radioactive Materials Released from Nuclear Fuel Plants," available in the Public Document Room, NRC Library.

1966 Industry average was 4,520 curies/year.
1967 Industry average was 2,233.2 curies/year
1968 Industry average was 1,574.7 curies/year

BIG ROCK average was 150,279 curies/year over the last 25 years!

Full scale...
Capacity 1000...

Each holds radioactivity of 250,000 years... HAZARDOUS LINE IS FOREVERMORE

Consumers Power Co. is building concrete casks for storage of high level nuclear wastes from the Palisades nuclear plant before casks for their construction has been approved by the Nuclear Regulatory Commission (NRC).

The casks in question will each weigh 130 tons when loaded and are for air cargo purposes only. They cannot be transported. 13 LOADED BY NOV. 1975.

Questions about the safety of these casks come from critics from within the nuclear industry.

Secretary of the Department of Energy (DOE), James Watkins, has written a letter saying that the DOE is not obligated to take spent fuel from commercial reactors if there is no repository available by Jan. 31, 1976.

These wastes, which will remain highly toxic for centuries, and are the most deadly known, are now stored in the spent fuel pool within the plant. There is an immediate and urgent need for the Governor, the Attorney General, the Department of Natural Resources, the Public Safety Commission and the Legislature to focus on this poorly studied project.

WRITE! NOW! ASK: WHY?! SAY NO!

Remember: Big Rock is a 75-megawatt reactor. Today's average reactor is approximately 500 megawatts.
Big Rock is the smallest commercial reactor in the United States.

DEMAND THAT THE NUCLEAR REGULATORY COMMISSION (NRC) CONDUCT AN ENVIRONMENTAL IMPACT STUDY FOR BIG ROCK.
NRC, Office of Public Affairs
Washington, D.C. 20555

ONLY 1/3 (29,700 METRIC TONS) OF DOE'S PROTECTED 98,000 RADIOACTIVE WASTES PRODUCED TO DATE WITH NOWHERE TO GO! WHY KEEP ON MAKING IT?

We are all at involuntary... write!

Corinne Carey
616-361-6169
email aunitynuke@aol.com

② Carey

in any foxhole in any war in history.
I gradually discovered that not even one
more nuclear bomb - ours or someone else's -
needed to be used in war: we are putting
ourselves and our irreplaceable Planet Earth
at involuntary risk with our
weapon-making, our weapon-testing,
our weapon-disposal, and
our weapon-recycling.



Adapted from Boris Rogachevsky's
Jan 1983 cover of Soviet Life Magazine
(Year of "evil empire" and nuclear winter)

copy recycled
copy good!
2313 Riverside Drive, NE
Grand Rapids MI 49505
auntynuke@aol.com

Likewise our nuclear plants' "permitted"
(BY YOU) emissions, waste, storage, transport,
leaks, accidents, releases, put us at
increasing multi-generation risk.
Science increasingly admits to nuclear
hazarding, front to back end, insidious
slow low dosage, irreversibly poisoning
all of us - especially children, my grandkids
and theirs - and our environment forevermore.

YOU HAVE NOT THAT RIGHT!
YOU/we must use the PRECAUTIONARY PRINCIPLE:
if there is doubt as to safety or consequence,
DO NOT DO IT! BE HELD ACCOUNTABLE!

*Peacism terms dedicated to my 4---and all---grandchildren
on Megan's first birthday Nov. 18, 1983

Specifically, my questions on Shearon Harris:
• Isn't the 1987 construction of these pools
of obsolete design, as well as obsolete materials
and mechanicals (valves, pipes, etc.)?!?

THERE IS NO "DISPOSAL"! RADWASTE MUST BE ISOLATED,
 MANAGED, STORED, REPACKAGED, MONITORED, TRANSPORTED,
 PROTECTED, RETRIEVABLE... FOREVERMORE!

DON'T BELIEVE
 HIGH PRICED ADS THAT
 "NUCLEAR IS CLEAN"
 PERMITTED

IT'S JUST SECRET
 INVISIBLE!

STOP THIS NUCLEAR TEST IN MICHIGAN!
 DON'T WASTE MICHIGAN

MASSIVE EMISSIONS (radioactive releases)
 BIG ROCK POINT - Charlevoix, Michigan
 since construction started 12/28/52

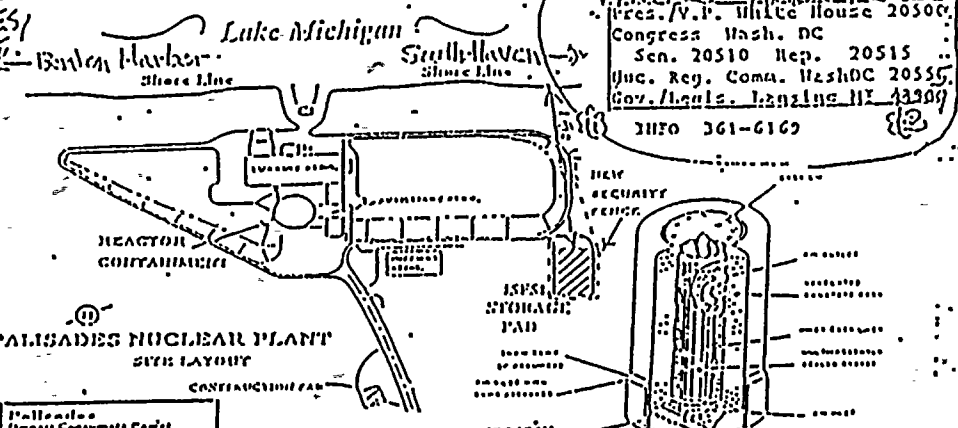
PALISADES IS
 10 TIMES LARGER
 768 MW

G.P. CAREY and RICHARD KING GR 11-4605 31-619
 We are witnessing the establishment of a permanent HIGH LEVEL NUCLEAR WASTE
 DUMP on the shores of Lake Michigan... the center of one of the most intractable problems in the U.S.
 this is being done without any environmental impact statement, scientific analysis or public review.

Emission & Production Rates (Total Curies)	
1965	132,660
1966	165,600
1967	254,060
1968	232,000
1969	250,060
1970	250,006
1971	254,066
1972	252,066
1973	230,060
1974	182,060
1975	50,600
1976	15,200
1977	15,600
1978	15,600
1979	21,500
1980	15,700
1981	12,500
1982	11,000
1983	141,000
1984	22,000
1985	17,500
1986	8,500
1987	7,770
1988	7,600

Total Curies 3,233,570

ASK FOR
 PALISADES/
 RECORDS



WRITE! NOW!
 Pres. V.P. White House 20500
 Congress Wash. DC
 Sen. 20510 Rep. 20515
 Nuc. Reg. Com. Wash DC 20555
 Gov. House, Lansing MI 48909
 313-361-6169

OVER

From: U.S. Environmental Protection Agency, October 1971 (up-dated?)
 and
 1987 publication "Radioactive Materials Released from Nuclear Power Plants,"
 available in the Public Document Room, NRC Library. (Wash. College Library
 NRC/DC)

RECORDS AVAILABLE IN THIS LIBRARY
 PUBLIC CITIZEN reported - May 1989 and 1991:

- 1986 industry average was 4,520 curies/year.
- 1987 industry average was 2,233.2 curies/year
- 1988 industry average was 1,574.7 curies/year

BIG ROCK average was 150,270 curies/year over the
 last 25 years!

Remember: Big Rock is a 35-megawatt reactor. Today's average reactor is
 approximately 500 megawatts.

Big Rock is the smallest commercial reactor in the United States.

DEMAND THAT THE NUCLEAR REGULATORY COMMISSION (NRC) CONDUCT AN ENVIRONMENTAL
 IMPACT STUDY FOR BIG ROCK.

NRC, Office of Public Affairs
 Washington, D.C. 20555

ONLY 1/3 (29,700 METRIC TONS) OF DOE'S
 PROTECTED 88,000 RADIOACTIVE WASTES
 PRODUCED TO DATE - WITH NOWHERE TO GO!
 WHY KEEP ON MAKING IT?

We are all at involuntary
 risk!

Palisades
 Nuclear
 Plant
 Site
 Layout
 CONFIDENTIAL

Each holds approximately 210 high-level waste hazardous waste in 2,500 cubic yards.

Communities Power Co. is building concrete casks for storage of high level nuclear wastes from the Palisades nuclear plant before casks for their construction has been approved by the Nuclear Regulatory Commission (NRC).

The casks in question will each weigh 130 tons when loaded and are for the spent fuel pool within the plant. There is an immediate need for the casks, the Department of Energy has requested 13 LOADED BY NOV. 1995.

Questions about the casks or more casks come from letters from within the nuclear industry.

Secretary of the Department of Energy (DOE), James Walker, has written a letter saying that the DOE is not obligated to take spent fuel from commercial reactors if there is no repository available by Jan. 31, 1996.

These wastes, which will remain highly toxic for centuries, and are the most deadly known, are now stored in the spent fuel pool within the plant. There is an immediate need for the casks, the Attorney General, the Department of Natural Resources, the Public Service Commission and the Legislature to focus on this poorly defined project.

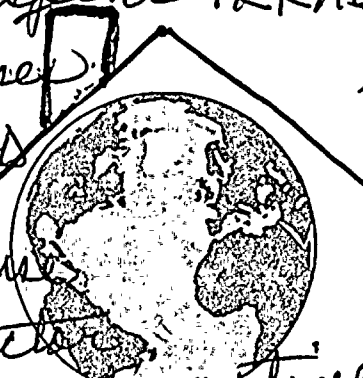
WRITE! NOW! ASK: WHY?! - SAY NO!

Corinne Carey
 616-361-6169

email auntynuke@aol.com

③ Carey

Can any "updating" or part replacement be as thoroughly reliable as contents require? The Palisades NPP PR man, Mark Savage, has stated that spent IRRADIATED fuel is up to 100,000,000 times MORE IRRADIATED than before its 3 years use in the NPP reactor.



← Adapted from Boris Rogachevsky's Jan 1983 cover of Soviet Life Magazine (Year of "evil empire" and nuclear winter)

2213 Riverside Drive, NE
Grand Rapids MI 49505
aunt.mike@aol.com

Furthermore radioactive composition has elevated dangerously to also increase plutonium - now seen (?) as a source for MOX (Mixed Oxide) fuel to be recycled in uranium-designed NPP (another battle!).

Transporting of irradiated assemblies is a highly questionable process and subject to hazardous leaks/accidents/brittleness/ exposures (see records of both workers (see records) and public (see truck/rail accident records) as well as fragile environment (see clean-up records).

Why are these ^{waste} unused? Why was only 1 of 4 projected NPP built? Is it really any wiser to transport, accumulate, contain the MOST: 4200+ more assemblies at this site, which even in my rough figures equates nearly 200 times 240-times Hiroshima equivalents - and for at least 250,000 years: FOREVER MORE! (The Pyramids are only 4,000 years back!).

*Peacism terms dedicated to my 4---and all---grandchildren on Megan's first birthday Nov. 18, 1983

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 HIGH-PRICED ADS THAT
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IT'S JUST SECRET
 INVISIBILE!

STOP THIS NUCLEAR TEST IN MICHIGAN!
 DON'T WASTE MICHIGAN

MISSOURI EFFLUENTS (radioactive releases)
 BIG ROCK POINT - Charlevoix, Michigan
 first generator electricity 12/28/52

PALISADES IS
 A TRIP WASTING
 768 MW

G.R.-C. CAREY and ROBERTA BUNKER CARROLL 3/16/69
 We are witnessing the establishment of a permanent HIGH LEVEL NUCLEAR WASTE
 DUMP on the shores of Lake Michigan... the center of one of the most radiologically sensitive areas in the U.S.
 This is being done without any environmental impact statement, sufficient analysis or public enquiry.

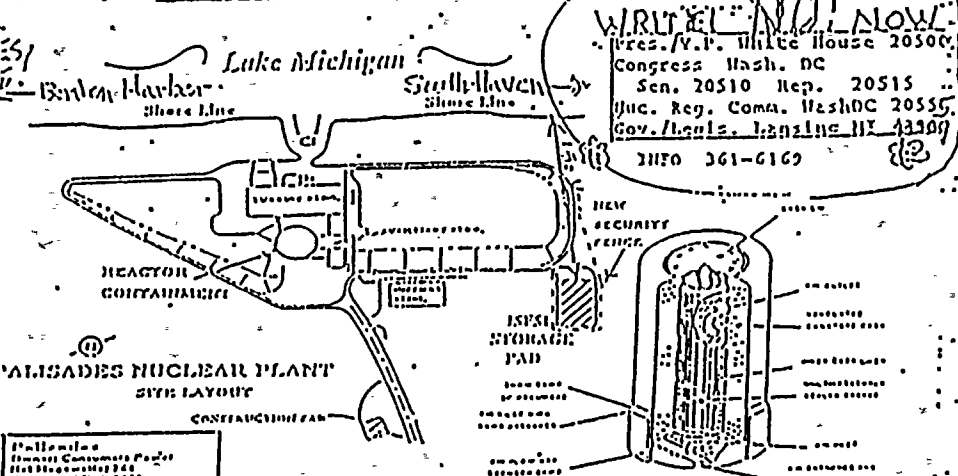
OVER

Electricity Production Costs (Total Curies)

1965	132,666	1970	18,656
1966	265,606	1971	2,570
1967	254,060	1972	21,568
1968	232,000	1973	19,739
1969	290,060	1974	12,528
1970	250,006	1975	11,668
1971	232,666	1976	141,626
1972	232,666	1977	22,629
1973	230,060		17,628
1974	122,066		7,776
1975	50,666		7,628
1976	15,290		
1977	13,459		

Total Curies 3,233,570

Ask for
 PALISADES
 RECORDS



WRITE! NOW!
 Pres. N.P. White House 20500
 Congress Wash. DC
 Sen. 20510 Rep. 20515
 Huc. Reg. Coma. WashDC 20555
 Gov. Regis. Lansing MI 48909
 INFO 361-6169

From: U.S. Environmental Protection Agency, October 1971
 and NRC publication "Radioactive Materials Released from Nuclear Power Plants,"
 available in the Public Document Room, NRC Library. (WASH. COLLEGE LIBRARY
 1500 N. 17TH ST. ANN ARBOR MI 48106)

DEVELOPS WITHIN 1,000 YARDS IN THIS DISTRICT
 PUBLIC CITIZEN reported - May 1989 and 1991:

- 1986 Industry average was 6,520 curies/year.
- 1987 Industry average was 2,253.2 curies/year
- 1988 Industry average was 1,574.7 curies/year

BIG ROCK average was 150,279 curies/year over the
 last 25 years!

Remember: Big Rock is a 76-megawatt reactor. Today's average reactor is
 approximately 600 megawatts.
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DEMAND THAT THE NUCLEAR REGULATORY COMMISSION (NRC) CONDUCT AN ENVIRONMENTAL
 IMPACT STUDY FOR BIG ROCK. 12/28/88
 NRC, Office of Public Affairs
 Washington, D.C. 20555

ONLY 1/3 (29,700 METRIC TONS) OF DOE'S
 PROTECTED 88,000 RADIOACTIVE WASTES
 PRODUCED TO DATE WITH NOWHERE TO GO!
 WHY KEEP ON MAKING IT?

We are all at involuntary risk!

Each holds a radioactivity of
 210 HIRSHMAN'S
 HAZARDOUS LINE IS
 2,500,000 YEARS! "FOREVERMORE!"

- Consumers Power Co. is building concrete casks for storage of high level nuclear wastes from the
 Palisades nuclear plant before contracts for their construction has been approved by the Nuclear
 Regulatory Commission (NRC).
- The casks in question will each weigh 130 tons when loaded and are for storage purposes only. They
 cannot be dismantled. 13 LOADED BY NOV. 1993. NO UNLOAD PROGRESS FOR LEVY 3/1/89
- Questions about the safety of these casks come from letters from within the nuclear industry. 11/6/89
- Secretary of the Department of Energy (DOE), James Watkins, has written a letter saying that the DOE
 is not obligated to take spent fuel from commercial reactors if there is no repository available by
 Jan. 31, 1996.

These wastes, which will remain highly toxic for centuries, and are the most deadly known, are now stored in the spent fuel
 pool within the plant. There is an immediate and urgent need for the Governor, the Attorney General, the Department of
 Natural Resources, the Public Service Commission and the Legislature to force on this poorly designed project.

WRITE! NOW! ASK: WIN?! SAY NO!
 Corinne Carey
 616-361-6169
 email auntsnake@aol.com

④ Carey. (pools)
Does this mean a policy change
AWAY FROM DRY CASKS? What of all the
NRC/industry arguments as to why casks
are better than pools?

All of the above, at what immediate
AND long-range financial/medical
costs to us and the unconsulted
future generations — and Brandon &
Megan, who I/we do not involve in
the fearsome discussion!

All of the above IN ORDER TO CONTINUE
this failed super-hazardous technology!

NO, — until all of the above, and other
information beyond my knowledge,
NO to Shearon Harris radioactive
waste expansion!

In peace ✱ — heiwā
Corinne Carey
and/for Mike, Megan,
Brandon & Lynda

✱ see pp. 1, 2, & 3.

THERE IS NO "DISPOSAL"! RADWASTE MUST BE ISOLATED, MANAGED, STORED, REPACKAGED, MONITORED, TRANSPORTED, PROTECTED, RETRIEVABLE... FOREVER MORE!

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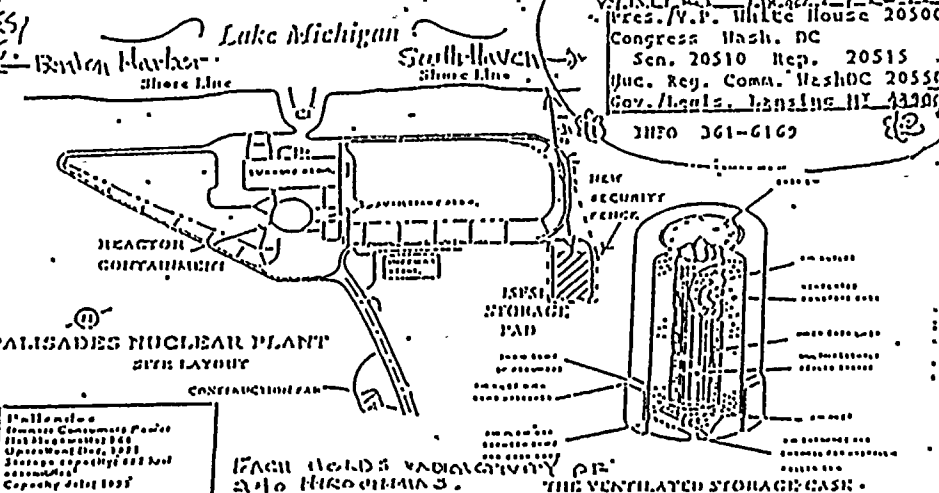
1965-1977 CURIES
BIG ROCK POINT - Charlevoix, Michigan
First generation electricity 12/28/52

PALISADES IS IC THIEF WARRIOR 768 MW

G.R. CAREY and ROBERTA JANE GRIMM
We are witnessing the establishment of a permanent HIGH LEVEL NUCLEAR WASTE DUMP on the shores of Lake Michigan... the center of one of the most indelible reactions in the U.S. This is being done without any environmental impact statement, consultation and/or public input.

Year	Curies	Year	Curies
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Total Curies 3,255,570



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Congress Wash. DC
Sen. 20510 Rep. 20515
Juc. Reg. Comm. WashDC 20555
Gov. Reg. Comm. Lansing MI 48909
INFO 361-6169

FROM: U.S. Environmental Protection Agency, October 1971 (up-dated?)
USE FOR: SMC publication "Radioactive Materials Released from Nuclear Fuel Plants," available in the Public Document Room, NRC Library. (WASH. COLL. LIBRARY)
NRC
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NRC, Office of Public Affairs
Washington, D.C. 20555

ONLY 1/3 (29,700 METRIC TONS) OF DOE'S PROTECTED 88,000 RADIOACTIVE WASTES PRODUCED TO DATE WITH NOWHERE TO GO! WHY KEEP ON MAKING IT?

We are all at involuntarily

Palisades
Domestic Commercial Reactor
First licensed 1954
Operational Oct. 1955
Storage capacity 1000 fuel
assemblies
Capacity 1000 fuel
assemblies
Capacity 1000 fuel
assemblies

EACH HOLD 3 RADIOACTIVITY OF 250,000 YEARS OF HAZARDOUS WASTE - FOREVER MORE!

- Community Power Co. is building concrete casks for storage of high level nuclear wastes from the Palisades nuclear plant before criteria for their construction has been approved by the Nuclear Regulatory Commission (NRC).
- The casks in question will each weigh 130 tons when loaded and are for storage purposes only. They cannot be transported - 13 LOADED IN NOV. 1993. NO UNLOAD PROCESS FOR LEAKY CASKS.
- Question about the safety of these casks come from letters from within the nuclear industry.
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