Convoires allee Speich

The & Suda Con to the 5/15 Calle & Soon Fore a possible

BLANKIFUL CAMPUS I know that Commencement is one of the most churched tradi on this Compus. And its a very opecial horrore for me to be with you today-BUT 1 0280 CLEARLY UNGERSTAND THAT YOU BEE MERE TO SEE THE CRAOVATES NOT TO SUSTEM TO A SPEECH IN FACT - COMMENCEMENTS , ARE-I SWITCH Broom & THE LEAST REMEMBERED MESSAGES ON EARTH DND IM EM BARRASSED TO CONFESS THAT I CANT EVEN REMEMBER WHO SEOTED AT MY COMMICMENT LET ALONE RECALLING WHAT HE SOLD IM JUST ASSUMING IT WAS A"HE"

HAVING PUT THE SIGNIFICANCE OF my own PARTICIPATION in PLESPECTUE

LET ME CONFESS TO THE GRAQUATES THIS maxninb THAT I HAVE BUT DONE MESSAGE TO CONVEY.

my concera is THIS:

I URGENTLY HOPE THAT YOUR EDULATION HAS PREPARED YOU FOR PRODUCTIVE WOOK

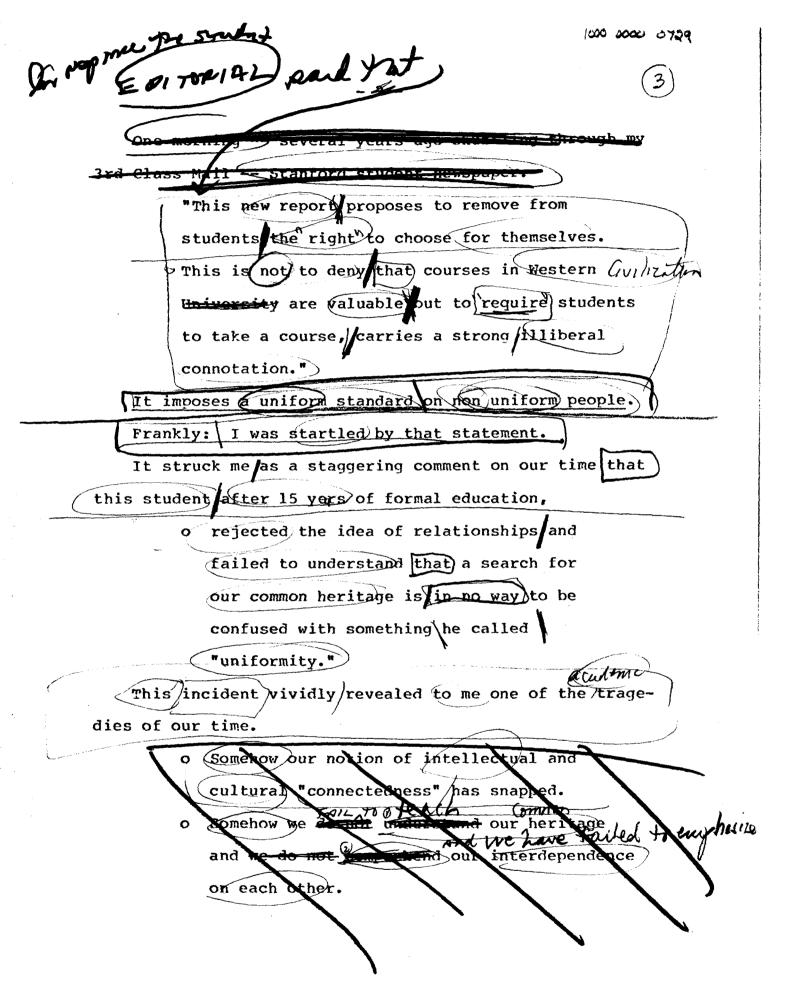
I PLSO HORF THOT - IN THE PROCESS -YOU HAVE GAINED & WALLD PERSPECTIVE AND DISCOURTED YOUR OWN RELATIONSHIP TO THE PLANET EARTH.

My CONCERN ABOUT THE BREADTH " OF COLLEGE EDUCATION WAS DEED ENED SEVERAL HEARS AGO

While I WAS SHUFFLING THROUGH

Destruction my 3RS (100 mail
The STANFORD STUDENT NEWS MAPER NOTED JAT PLAT CREGULATO COURSE

METALIAN IN WESTERN IN WESTERN CIU.



(3A)

## Some HOW -

OUR NOTION OF INTELLECTUAL PNO CULTURAL "CONNECTEDNESS"
HOS STADPED.

SOMEHOW.

OUR SCHOOLS HAVE FAILED
ADEQUATELY TO TEACH
OUR COMMON HERITAGE

AND - IN THE PROCESSTHIS INTELLECTUAL MARROWNESS
AND PERSONAL SELF INDULGANCE

HAS LEFT US FRIGHTENLY 16ABACANT PROUT EACH OTHER

PRO ABOUT OUR PLANET

Today less Thon 12:11 The allege students are envolled in my covere on in transford paires. College enrollments in tracing longuage the home dropped 45% in 7 years

And this in the matrowness and selfindulgence has also left us frightfully ignorant about our
planet Earth

age group is enrolled in my course which specifically features contemporary inter-

- o college enrollments il foreign languages
  - of 40 percent in the wast seen year
- even after President Carter gave his speech
  on energy only half of the public surveyed -
  52 percent to be precise -- even knew that
  America had to import oil from abroad.
- o In recent years (ifty percent of all twelfthgraders studied in second or could not
  choose correctly/an Arab country out of
  four choices they were given,
- o and 40 percent of these twelfth-graders
  thought that Golda Meir rather than Anwar
  Sadat was president of Egypt.

Last year during TV coverage of the gadat-Begin discussions, which, incidentally, were interspersed with coverage of the Chicago Bears Football game

(5)

o three out of every four spectators interviewed at half time had never heard of Sadat or Begin,

o but were all aware of the prowess of

local hero, Walter Patton.

Recently while flying from New Orleans to Orlando, I read in the morning paper, the New Orleans Picayune

that University of California scientists
had now concluded

- o that the earth's ozone band is being harmed by contaminants at twice the rate predicted earlier.
- o I thought it symbolic of our time that
  this important story -- perhaps a lifeor-death story /- was reported in a
  single paragraph buried deep in section
  II.

0 0 0

Environmentalists are fond of talking about the "vulnerability" of our "ecosystem"

o but I suspect that because of ignorance

fragile and most threatened,

Lewis Thomas, that marvelous science writer, in his remarkable book The Lives of a Cell, said,

anything fragile about the life of earth; surely this is the toughest membrane imaginable in the universe.

o We, the human species are the delicate part, transient and vulnerable as cilia."

And yet with all our vulnerability

- o we have assumed that in the name of something we call "progress," we could move ahead without understanding our connectedness to each other and to nature.
- so without understanding there is a "negative" price to pay.

In the social world as in the physical world there is no free ride;

for every action there is an equal and equivalent reaction which inevitably

must be faced.

The may be a "delayed" the bound, sometime, will be balanced.

Recently in my own office

I've developed a little tactic le manufice which

has temporarily stopped us cold. Whenever I get a proposition which someone saw will improve the system. I send it back and say, "Give me the negative side of your assumed progress." What's the price we pay -- It may be worth it of course. - But mere will BE TRACE OFF to BE Sult

For generations we have assumed that we can gain and never lose. The assumption is false.

11

But enough of these gloomy observations.

I believe that once again a new "sense of urgency" is beginning to emerge.

the human race is expanding at the rate of 200,000 people every day --

73 million people every year.

Painfully we are now reminded

- to the Middle East;
- dependent on foreign sources for chromium, for cobalt, for bauxite, for magnesium, and for tin;

( )



- metals are imported from Third World countries;
- o that about one-third of the profits of

  American corporations come from exports

  or from foreign investments;
- in this country is making something h Jim
- o and that two million Americans are employed in foreign trade.

000

We are beginning to comprehend the fact that a child born today into a world of four billion people will, if he attains age 60, sharis the earth with three times as many human beings.

occasion, you can do a lot of observing by just watching.

And I suggest you can gain a lot of wisdom by discovering the unity of our world

- o not just in a physical sense
- o but in a social sense as well.

- 3

In a monograph published by the world Affairs Council of Philadelphia, Robert Muller said

- o "A child born today . . . will be both an actor and a beneficiary or a victim in the total world fabric and he may rightly ask,
- o, 'Why was I not warned?
- my teachers not tell me about these problems and indicate my behavior as a member of an

believe classroom to the think

educate children about our interdependent world, so the

surprises in later life may at least be modestly reduced

o To be still more specific, our schools and colleges charled give a new priority to

science we should that

world.

principles but emphasizes also the way science and technology now shape our

If Three Mile Island taught us anything at all it taught us how ignorant we are.

To be specific

promoters who in times of crisis seem more concerned with image than with truth.

FREETEVETRAT SOME TOW ALL THE STATE STATE STATE WORLD WE have created

I'M BY

o so that our society will be driven more

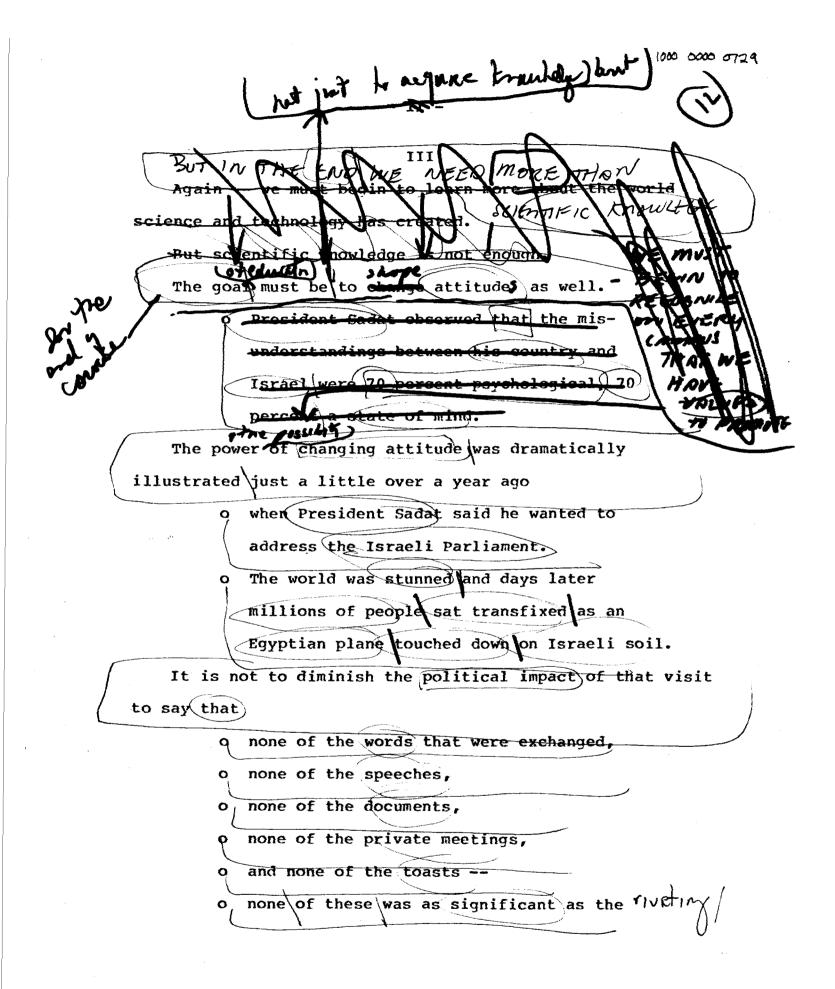
by understanding than by fear.

decide the awesome moral choices which must be made.

Several months ago Joan Ganz Cooney, the National Science Foundation, and I announced a new television program, which will focus on "science" technology and the environment.

- o It's going to be targeted to junior high school children, 10 to 12.
- the school day so it can be shown in class-
- o And it will be offered in the late afternoon and evenings so parents and children can watch it.

We're also financing the reaching teaching materials + teachers' guides and student materials -so that what is presented on TV with all of the power and imagination it can provide can also have followup studies which only classroom deachers can de well. Incidentally, Joan sent me some disturbing findings the other day. In doing some of their preproduction research - they tried to find out what understanding Junior high school students have about their world. She found that some children when asked, "Where does electricity come from?" said "the switch." o When asked, "Where does the water come from?" they said "the faucet," "Where does the garbage go?" You guessed it . . . "down the chute," A bit humorous, perhaps, but startling in that we WE HAVE poreasingly developed a culture in which we are our sense of connectedness that which we can see, and feel) and touch. gor alast a tak a





riveting of the whole world's attention on one single breathtaking symbolic image when two former enemies shook hands.

(Instantly) 500 million people -- and they tell me that's how many saw that encounter \- 500 million people felt their 

Instantly their "perspective" was expanded and, momentarily at least, the world was brought together in a grand gesture on behalf of peace.

Wall and the plant with megh?

AND THIS brings me back to my central message. The Class of 79

I hope that during your collegiate years you have developed special skills -- to help you get a job.

> o I also hope that during your collegiate years you have developed a greater respect for the planet Earth and a greater understanding of our dependence on each other.

> > 0 0 0

When our first astronauts came back from outer space with those marvelous photographs of the planet Earth Archibald MacLeish wrote in the New York Times-\_ " to see the Farth as it truly is small and blue



beautiful/in that eternal silence where if floats

is to see ourselves

as riders on the earth together

Brothora

who see now that they are

wish you will - as you continue your journey -- as riders

on the Earth tegether

# # #