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REMARKS AT

THE WHITE HOUSE CONFERENCE

MIAMI, FLORIDA

TUESDAY, FEBRUARY 25, 1975

IT IS GOOD TO BE HERE IN ONE OF THE MOST DYNAMIC STATES

OF THE NATION. FLORIDA IS STILL THE WAVE OF THE FUTURE --

DESPITE ITS PHENOMENAL GROWTH. IT IS AN AREA OF TREMENDOUS

CHANGE AND CHALLENGE. AND I AM WELL AWARE OF THE GREAT

CONTRIBUTION OF THE CUBAN-AMERICAN COMMUNITY TO YOUR CULTURAL

AND ECONOMIC GROWTH.

*Atlanta  
successful jobs  
highway safety*

*Gov. Bush* / *Mr. Tanarella,  
Gov.*  
*Bush  
Killing*

HERE IN FLORIDA, YOU HAVE LIVED AT THE STARTING LINE OF  
AMERICA'S ADVENTURE IN SPACE -- THE BREAKING OF ONE SPACE BARRIER  
AFTER ANOTHER. WE NOW REACH BEYOND THE MOON TO THE MOST  
DISTANT PLANETS.

YOU HAVE BEEN PART OF MASSIVE TECHNOLOGICAL BREAKTHROUGHS.  
THESE ADVANCES HAVE OPENED VAST NEW HORIZONS TO MANKIND HERE  
ON EARTH.

LIFE HAS CHANGED MORE IN THIS CENTURY THAN IN THE  
PRECEDING TWO THOUSAND YEARS. THE WORLD HAS BEEN TRANSFORMED.  
OUR MISSION -- YOUR JOB AND MINE -- IS TO CONFRONT THESE  
CHANGES.

THE GREATEST CHANGE IS IN THE COST OF ENERGY.

THE UNITED STATES MUST DECLARE INDEPENDENCE FROM FOREIGN SOURCES OF ENERGY. THE PUBLIC AND PRIVATE SECTORS OF OUR SOCIETY WILL SPEND HUNDREDS OF BILLIONS OF DOLLARS OVER THE NEXT DECADE TO EXPLORE AND DEVELOP NEW ENERGY. MILLIONS OF WORKERS AND THE MASSIVE POWER OF OUR TECHNOLOGY WILL COMBINE TO ATTACK THE PROBLEMS BEFORE US. WE MUST -- AND WE WILL -- WIN THAT STRUGGLE.

WE ARE NOW IMPORTING MORE FOREIGN OIL THAN BEFORE  
THE EMBARGO -- MORE THAN SIX MILLION BARRELS A DAY.  
THUS, THERE ARE EVEN GRAVER RISKS IN THE EVENT OF ANOTHER  
EMBARGO. I CAN SEE NOTHING BUT FOLLY IN POURING OUT  
MORE AND MORE OF OUR NATIONAL TREASURE TO MEET THE EVER-RISING  
AND INTOLERABLE COSTS OF HIGH-PRICED FOREIGN OIL.

SA

Paul feels you  
might prefer 70 mil  
aday -

TWO HUNDRED YEARS AGO, GEORGE WASHINGTON THREW

A DOLLAR ACROSS THE RAPPAHANNOCK RIVER AND MADE HISTORY.

TODAY, THE AMERICAN PEOPLE ARE THROWING <sup>70 MILLION</sup> ~~TWENTY FIVE BILLION~~

DOLLARS A <sup>DAY</sup> ~~YEAR~~ ACROSS INTERNATIONAL WATERS AND NOBODY

SEEMS TO CARE.



IF THE CONGRESS TAKES THE NINETY DAYS IT IS DEMANDING  
TO DEVELOP ITS OWN ENERGY PROGRAM, EVERY SINGLE DAY WILL BE ONE  
OF COSTLY DELAY -- ADDING ABOUT TWO HUNDRED MILLION DOLLARS  
IN COSTS FOR PETROLEUM IMPORTS ALONE DURING THIS PERIOD.  
AND IF ENACTMENT OF OUR COMPREHENSIVE ENERGY PROGRAM IS DELAYED  
FOR THE REMAINDER OF THIS YEAR, WE WOULD PAY OUT A TOTAL OF  
MORE THAN TWO BILLION DOLLARS MORE FOR FOREIGN OIL.

X

THE CONGRESS IS EMBARKED ON A MASSIVE GAMBLE --  
A RISK OF INCREASING THIS NATION'S VULNERABILITY TO FUTURE  
EMBARGOES WHICH WE CANNOT AFFORD. I WOULD RATHER INVEST  
THE TWO HUNDRED MILLION DOLLARS OR TWO BILLION DOLLARS --  
AS THE CASE MIGHT BE -- IN AMERICAN JOBS THAN SEND IT ABROAD.

X

NEARLY SIX WEEKS AGO, I PRESENTED AN ACTION PROGRAM  
 TO THE CONGRESS -- I MADE DETAILED ECONOMIC AND ENERGY PROPOSALS.  
 BUT THE NATION STILL WAITS FOR ACTION BY THE CONGRESS --  
 EVEN SUCH ACTION THAT WOULD MAKE AMERICANS JUST ONE GALLON  
 LESS DEPENDENT ON IMPORTED OIL OR PUT JUST ONE DOLLAR BACK INTO  
 CITIZENS' POCKETS THROUGH THE TAX REBATES I PROPOSED.

Insert - GOOD NEWS -  
 BAD " -

Bill - Project Independence  
 Pleased

GOOD NEWS - Congress now focusing on  
 The Problem

~~Don't like the proposal but~~

BAD NEWS - what Congress may recommend  
 as the solution.

Hopefully - further STUDY - a better answer.

SO FAR, THE ONLY LEGISLATIVE MOVE THE CONGRESS  
HAS TAKEN ON THE ENERGY PROBLEM WAS TO BLOCK MY PROPOSAL  
TO INCREASE TARIFFS ON OIL IMPORTS. THIS IS A PURELY  
NEGATIVE ACTION WHICH WILL FORCE ME TO USE THE CONSTITUTIONAL POWER  
OF VETO FOR THE FIRST TIME IN THE NINETY-FOURTH CONGRESS.

IN EFFECT, THE CONGRESS VOTED TO CONTINUE FOR THE TIME BEING

OUR EVER-INCREASING DEPENDENCY ON ARAB AND OTHER FOREIGN

OIL-PRODUCING NATIONS. THIS COURSE COULD LEAD AMERICA

TO DISASTER. IN SHORT, WE HAVE RECEIVED PROMISES AND

MORE PROMISES FROM THE CONGRESS -- BUT NO ENERGY PROGRAM

AND NO ECONOMIC PLAN.

THE PRACTICAL ENERGY PROGRAM I HAVE PROPOSED WILL MOVE

US TOWARD OUR GOAL OF ENERGY INDEPENDENCE BY 1985. IT WILL

INCREASE DOMESTIC ENERGY PRODUCTION, CONSERVE ENERGY AND

PREPARE FOR POTENTIAL FUTURE EMBARGOES. IN BRIEF, WE MUST:

-- ALLOW COMPETITIVE PRICING OF NEW NATURAL GAS SUPPLIES.

-- INCREASE PRODUCTION OF OIL AND GAS FROM OUR

OUTER CONTINENTAL SHELF.

-- DOUBLE PRODUCTION OF DOMESTIC COAL SUPPLIES.

-- AMEND THE CLEAN AIR ACT TO ACHIEVE A BETTER BALANCE  
BETWEEN OUR ENERGY AND ENVIRONMENTAL REQUIREMENTS.

WE NOW CONSUME APPROXIMATELY SEVENTEEN MILLION BARRELS  
OF OIL PER DAY. ALMOST SEVEN MILLION OF THIS TOTAL IS IMPORTED  
FROM ABROAD. BY 1985, WE WILL BE CONSUMING ABOUT <sup>*in total*</sup> ABOUT  
<sub>1</sub>  
TWENTY-FOUR MILLION BARRELS A DAY. UNLESS SOMETHING IS DONE,  
IMPORTS WILL RISE TO TWELVE POINT SEVEN MILLION BARRELS.  
THAT IS OVER HALF THE TOTAL WE USE -- AND PUTS US AT THE MERCY  
OF OTHERS.



BY ADOPTING MY PACKAGE OF ENERGY PROPOSALS NOW BEFORE

THE CONGRESS, WE CAN BECOME INDEPENDENT OF FOREIGN OIL BY THE

MID-1980'S AND AT THE MERCY OF NOBODY.

*+ we must*  
WE CAN REDUCE OUR  
1

NEEDS FROM THE PROJECTED TWELVE POINT SEVEN MILLION BARRELS TO LESS

THAN FIVE MILLION BARRELS. STRATEGIC PETROLEUM RESERVES WOULD

REPLACE THREE OF THESE FIVE MILLION BARRELS IN THE EVENT OF A NATIONAL

EMERGENCY.

BUT THIS PLAN MUST BE IMPLEMENTED BY THE CONGRESS.

IF THE CONGRESS COOPERATES, THIS IS WHAT I ENVISION FOR AMERICA

BY 1985:

-- TWO HUNDRED MAJOR NUCLEAR POWER PLANTS.

-- TWO HUNDRED FIFTY MAJOR NEW COAL MINES.

-- ONE HUNDRED FIFTY MAJOR COAL-FIRED POWER PLANTS.

-- THIRTY MAJOR NEW OIL REFINERIES.

-- TWENTY MAJOR NEW SYNTHETIC FUEL PLANTS.

-- DRILLING OF THOUSANDS OF NEW OIL WELLS.

-- INSULATION OF EIGHTEEN MILLION HOMES.

-- AND MANUFACTURING MILLIONS OF NEW CARS, TRUCKS  
AND BUSES THAT USE MUCH LESS FUEL.

TO ACHIEVE OUR GOALS FOR THE PERIOD BEYOND 1985,

I HAVE ASKED FEDERAL AGENCIES -- PARTICULARLY THE ENERGY RESOURCES

COUNCIL AND THE NEWLY-CREATED ENERGY RESEARCH AND DEVELOPMENT

ADMINISTRATION -- TO WORK WITH THE PRIVATE SECTOR TO DEVELOP A

BROAD RANGE OF NEW TECHNOLOGIES THAT CAN TAP ALL OUR DOMESTIC

ENERGY RESOURCES. THIS MEANS NOT ONLY COAL, OIL, GAS AND

NUCLEAR RESOURCES, BUT EMERGING ALTERNATIVES SUCH AS SOLAR,

GEO-THERMAL AND OIL SHALE ENERGY.

OVER THE NEXT FIVE YEARS ALONE, THE FEDERAL  
GOVERNMENT PLANS TO SPEND MORE THAN ELEVEN BILLION DOLLARS  
IN ENERGY RESEARCH AND DEVELOPMENT.

OUR 1976 ENERGY RESEARCH PROGRAM CALLS FOR

**2.3**

TWO POINT THREE BILLION DOLLARS -- MORE THAN DOUBLE THE AMOUNT

OF TWO YEARS AGO. INDUSTRY INVESTMENT IN ENERGY DEVELOPMENT

WILL BE FAR GREATER. STATE AND LOCAL GOVERNMENTS ALSO WILL

JOIN THE EFFORT.

AMERICA IS RICH IN ENERGY RESOURCES. WE HAVE --

POTENTIALLY -- A THOUSAND YEARS OF NUCLEAR FUEL. WE HAVE

HUNDREDS OF YEARS OF COAL RESOURCES. OUR POTENTIAL FOR

SOLAR ENERGY IS VAST. LARGE DEPOSITS OF UNTAPPED OIL SHALE

AND GEO-THERMAL ENERGY LIE BENEATH OUR WESTERN STATES.

WE MUST FIND WAYS TO USE THESE RESOURCES ECONOMICALLY.

AT THE SAME TIME, WE MUST USE THEM IN A MANNER THAT IS

ENVIRONMENTALLY ACCEPTABLE. AND WE MUST KEEP OUR OPTIONS

OPEN: OUR CAPABILITIES MUST BE BROAD AND FLEXIBLE SO THAT WE

DEVELOP VARIED SOURCES OF ENERGY WHICH ARE NOT MAINLY DEPENDENT

ON ONLY ONE OR TWO. THAT IS WHY WE HAVE LAUNCHED A

COMPREHENSIVE FEDERAL ENERGY EFFORT THAT WILL COOPERATE CLOSELY

WITH AMERICAN INDUSTRY.



LET US CONSIDER SOME OF THE EXCITING ENERGY ALTERNATIVES:

SINCE CONVENTIONAL OIL AND GAS COMPRISE LESS THAN TEN PERCENT OF OUR PROVEN DOMESTIC RESERVES IN FOSSIL ENERGY, A MAJOR THRUST IN OUR RESEARCH EFFORT AIMS TO DEVELOP NEW TECHNOLOGIES FOR EFFICIENT, CLEAN USE OF OUR COAL AND OIL SHALE RESOURCES TO PROVIDE ENERGY FOR UTILITIES, INDUSTRIES AND HOMES. TO THIS END, THE FEDERAL GOVERNMENT HAS ALREADY BEGUN A BROAD PROGRAM TO DEVELOP COAL GASIFICATION, LIQUIFICATION AND ADVANCED TECHNOLOGIES FOR UTILIZING OIL SHALE.

BEFORE THE END OF THE YEAR, FOUR PILOT PLANTS WILL BE  
IN OPERATION TO CONVERT COAL TO GAS FOR HOME USE. ANOTHER  
FOUR PLANTS TO CONVERT COAL TO OIL FOR COMMERCIAL AND INDUSTRIAL  
USE ARE UNDER CONSTRUCTION OR IN OPERATION.

IF OUR NATION IS TO ACHIEVE ENERGY INDEPENDENCE,  
NUCLEAR POWER MUST BE DEVELOPED TO ITS FULL POTENTIAL --  
CONSISTENT WITH THE PUBLIC HEALTH AND SAFETY. IN ADDITION  
TO GETTING CURRENT GENERATION NUCLEAR POWER PLANTS ON LINE  
MORE RAPIDLY, WE MUST DEVELOP A NEW GENERATION OF NUCLEAR  
REACTORS. THIS INCLUDES THE SO-CALLED FAST BREEDER  
NUCLEAR REACTORS. ONLY BY THIS MEANS CAN WE CAPTURE  
THE FULL POTENTIAL OF OUR NUCLEAR RESOURCES.

FUTURE REACTORS OF THIS KIND WILL BE CAPABLE OF  
FUEL EFFICIENCIES SOME SIXTY TIMES GREATER THAN PRESENT  
NUCLEAR LIGHT WATER REACTORS. URANIUM SUPPLIES WILL  
THUS BE EXTENDED FOR CENTURIES RATHER THAN DECADES.

THIS IS A BIG AND DIFFICULT JOB. BUT WE MUST  
DO IT, ENSURING THAT THE SAFETY OF THE PUBLIC IS NOT ENDANGERED  
AND THAT THE ENVIRONMENT IS PROTECTED.

OUR 1976 BUDGET ALSO PROVIDES FOR A VIGOROUS LONG-TERM PROGRAM TO DEVELOP CONTROLLED NUCLEAR FUSION. THERE ARE SERIOUS SCIENTIFIC AND TECHNICAL PROBLEMS TO OVERCOME BEFORE WE ACHIEVE PRACTICAL FUSION. HOWEVER, THIS EFFORT HOLDS OUT FUTURE HOPE FOR VAST AMOUNTS OF CLEAN ENERGY. FUSION ALONG WITH SOLAR ENERGY ARE UNIQUE IN THAT THEY MAY SUPPLY ENERGY FOR THOUSANDS OF YEARS INTO THE FUTURE.

OUR 1976 ENERGY PROGRAM ALSO INCLUDES AN ACCELERATED  
SOLAR ENERGY EFFORT. THIS IS PARTICULARLY IMPORTANT TO  
THE FUTURE ENERGY NEEDS OF FLORIDA. AS A PIONEER OF SOLAR  
ENERGY, DATING BACK TO THE 1930'S, THE SUNSHINE STATE CAN NOW  
PLAY A LEADING ROLE IN THE APPLICATION OF SOLAR ENERGY TO  
COMMERCIAL AND PRIVATE BUILDINGS.

MY PROGRAM IS DESIGNED TO HELP DEVELOP TECHNOLOGIES  
FOR SOLAR HEATING AND COOLING; BY CONVERTING SOLAR ENERGY  
TO ELECTRICITY; BY PRODUCING POWER ECONOMICALLY FROM THE WIND;  
AND EXPLORING THE POTENTIAL OF OTHER SOLAR TECHNOLOGIES.

THE FEDERAL GOVERNMENT ALREADY HAS MAJOR SOLAR HEATING AND COOLING EXPERIMENTS UNDERWAY IN A HALF-DOZEN STATES. FOR EXAMPLE, THE FIRST DEMONSTRATION FOR SOLAR HEATING AT A HOSPITAL WILL BE IN A NEW TWO-HUNDRED-BED INDIAN RESERVATION FACILITY IN NEW MEXICO. SOLAR HEATING IS ALREADY BEING DEMONSTRATED AT SEVERAL FEDERAL OFFICE BUILDINGS AROUND THE COUNTRY.



THE GOVERNMENT IS EXPLORING THE POTENTIAL FOR  
CENTRAL STATION PRODUCTION OF ELECTRICITY FROM SOLAR ENERGY.  
JUST ONE OF THESE STATIONS -- WITH A FEW SQUARE MILES OF  
COLLECTORS -- COULD SOMEDAY SUPPLY THE ENERGY NEEDS OF A  
CITY OF TWO HUNDRED AND FIFTY THOUSAND PEOPLE. THIS  
TECHNOLOGY IS NOW EXPENSIVE AND IT TAKES MANY YEARS TO  
DEVELOP COMMERCIALY. BUT WE ARE ON THE WAY.

THE USE OF GEO-THERMAL ENERGY HOLDS OUT GREAT POTENTIAL

FOR SOME AREAS OF THE COUNTRY.        LARGE UNDERGROUND HOT  
WATER WILL BE THE SOURCE OF SIGNIFICANT ELECTRICITY WITHIN THE  
NEXT TEN YEARS,    MOSTLY IN THE SOUTHWEST.        EARLY THIS MONTH  
IN SOUTHERN IDAHO, DRILLERS TAPPED A NEW HOT WATER RESOURCE  
FOR GEO-THERMAL DEVELOPMENT IN THAT REGION.        OUR FIRST EFFORTS  
TO EXTRACT ENERGY FROM DRY HOT ROCK -- POTENTIALLY THE LARGEST  
GEO-THERMAL RESOURCE -- ARE UNDERWAY IN NEW MEXICO.

WITH FEDERAL SUPPORT, THIS COUNTRY IS ON THE  
ROAD TO PRODUCING ALTERNATIVE AUTOMOTIVE ENGINES WITH  
OBVIOUSLY FAR GREATER FUEL EFFICIENCY. GOVERNMENT  
SCIENTISTS TELL ME THESE ENGINES COULD BE IN WIDESPREAD  
USE BY THE 1990'S.

ENERGY WAS ONCE RELATIVELY CHEAP IN AMERICA.

THAT DAY IS PAST. WE MUST CONSERVE ENERGY THROUGH THE  
DEVELOPMENT AND APPLICATION OF IMPROVED TECHNOLOGY.

AMERICA MUST HAVE MORE EFFICIENT MEANS FOR ENERGY CONVERSION,

TRANSMISSION, DISTRIBUTION, STORAGE AND UTILIZATION.

WHAT I AM SAYING IS SIMPLY THIS: WE MUST SOLVE OUR

ENERGY PROBLEMS. THERE IS NO ALTERNATIVE TO SUCCESS IN

THIS EFFORT. FOR WITHOUT ENERGY, AMERICA STOPS.

I WILL DO MY PART. THE FEDERAL GOVERNMENT,  
STATE AND LOCAL GOVERNMENTS WILL CONTRIBUTE THEIR SHARE.  
SO WILL PRIVATE INDUSTRY. AND COLLEGES AND UNIVERSITIES.  
BUT WHAT WE REALLY NEED IS YOUR SUPPORT AS INDIVIDUALS.

WE MUST ASK OURSELVES: WILL FUTURE GENERATIONS  
OF AMERICANS SAY WE MET THE CHALLENGE? WILL THEY SAY  
THIS WAS A YEAR OF THE DECLINE AND FALL OF THE AMERICAN DREAM?  
OR, WILL THEY SAY THAT WE WERE WORTHY OF THEIR TRUST.

I CALL UPON YOU TODAY TO JOIN WITH ME IN CONFRONTING  
THE CHANGES BEFORE US AND IN CONQUERING THE CHALLENGES AHEAD --  
SO THAT WE MAY TRULY SAY TO THOSE WHO FOLLOW:

WE STRENGTHENED OUR PLACE IN THE SUN. WE FACED  
UP TO OUR RESPONSIBILITIES. AND WE SUCCEEDED.

THANK YOU.

END OF TEXT