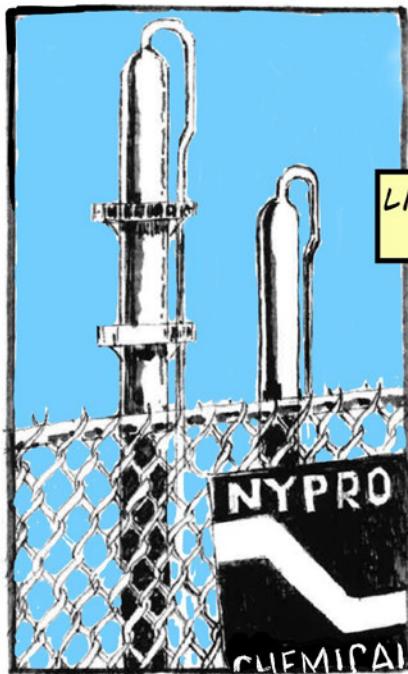


A Graphic Dramatization of the Flixborough Disaster

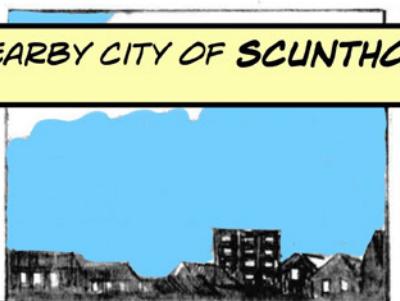
Ramin Abhari

NYLON YEARS

LINCOLNSHIRE TOWN OF FLIxborough...



...AND NEARBY CITY OF SCUNTHORPE.



SO WHAT WILL IT BE,
PRETTY GIRLS?

DESERT RAT

MARY'S HERE
FROM SHEFFIELD AND
WE FEEL LIKE TAKING
CHANCES!

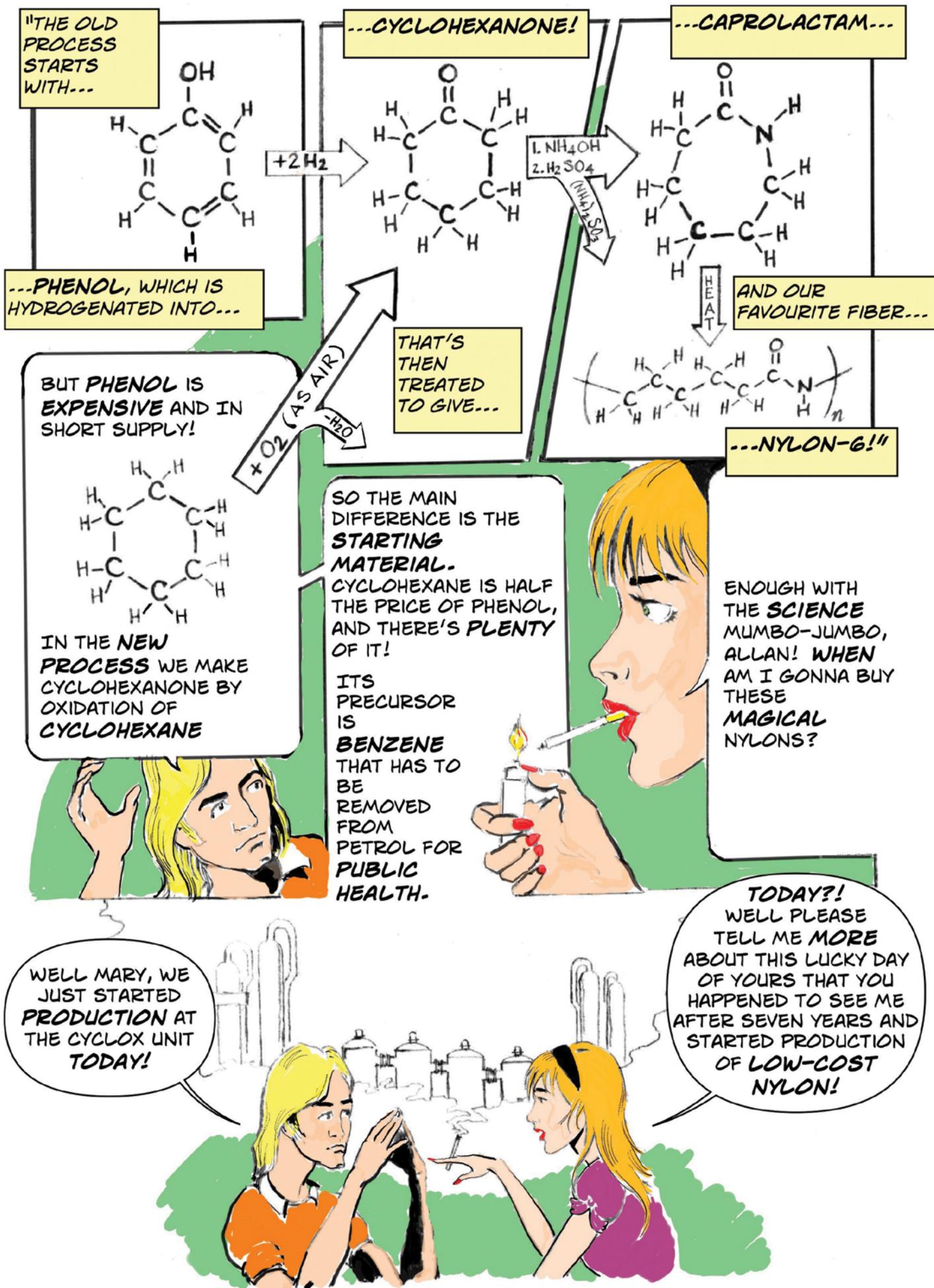
SO MAKE US YOUR
SPECIAL COCKTAIL,
NOBBY!

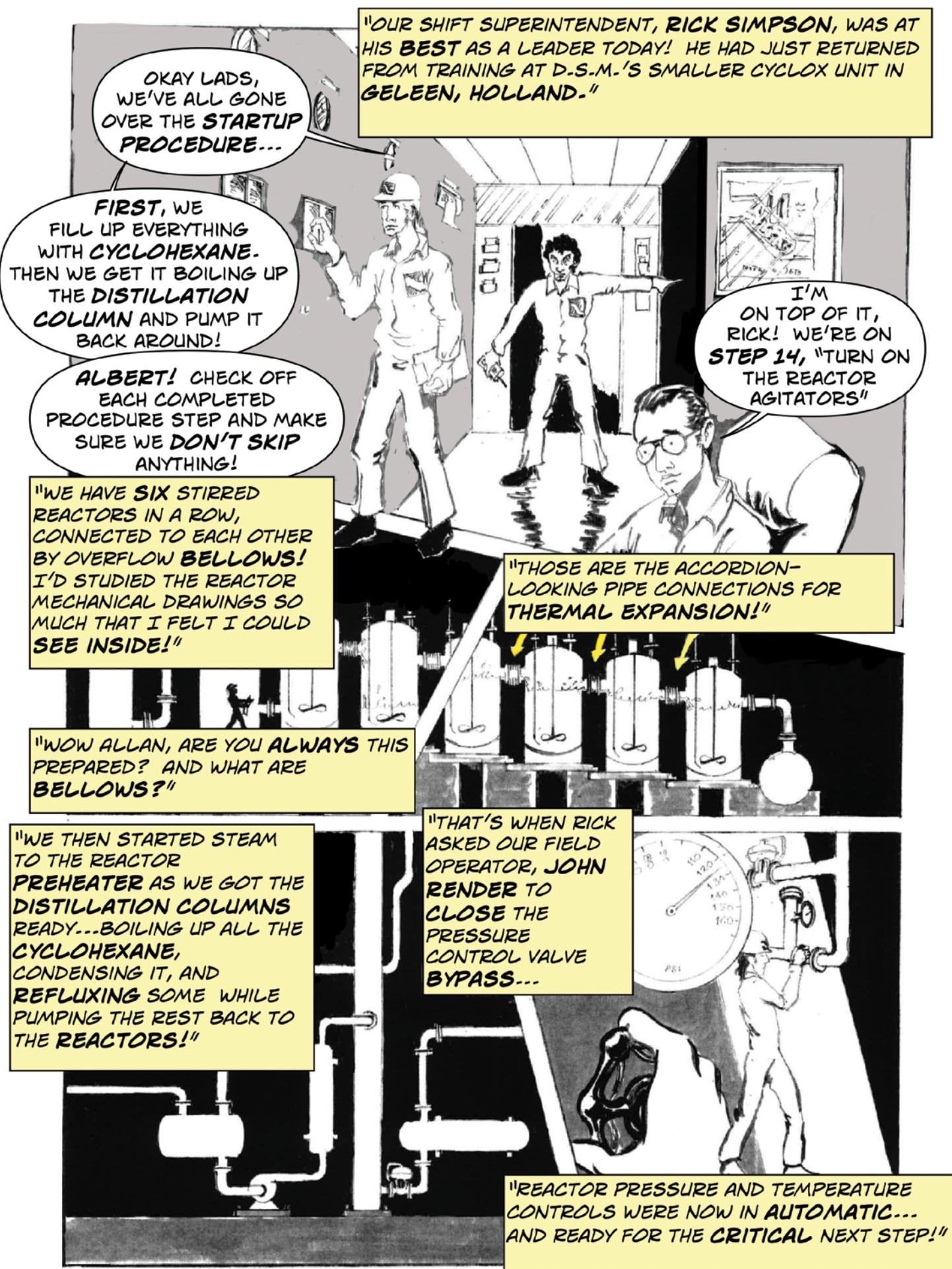
MID APRIL, 1973

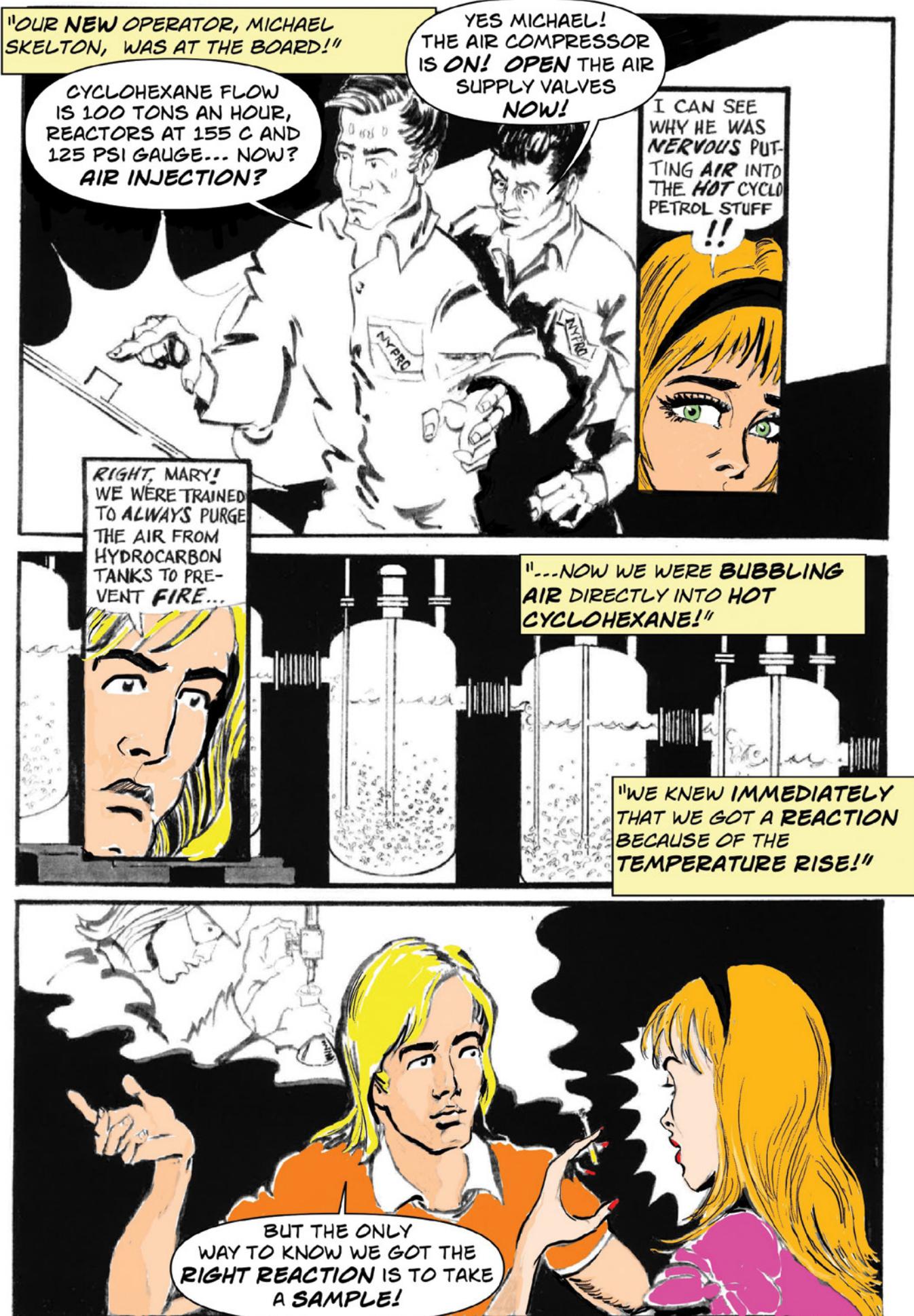


CHAPTER 1- CYCLOHEXANE COCKTAILS









ANALYSIS WAS COMPLETED IN MINUTES THAT FELT LIKE HOURS! NOW WE HAD THE RESULTS: CYCLOHEXANONE MEETING ALL SPECIFICATIONS FOR CAPROLACTAM!

AND THAT'S WHEN IT STRUCK ME! WHAT WE HAD JUST DONE WAS NOTHING SHORT OF A MIRACLE!

A CARCINOGEN REMOVED FROM MOTOR FUEL COMBINED WITH AIR TO MAKE AFFORDABLE BEAUTIFUL FABRICS TO CLOTHE THE WORLD!

IT WAS ALCHEMY ON AN INDUSTRIAL SCALE!



I'VE BEEN CARRYING ON ALL ABOUT MY DAY! WHAT DO YOU DO, MARY?

I'VE BEEN IN SHEFFIELD...DOING OFFICE WORK AND SUCH. I'M THINKING OF MOVING BACK TO SCUNTHORPE!



I WOULD LOVE TO GO WITH YOU, ALLAN!

OH, OK THEN, UM... THE NYPRO FAMILY DAY IS NEXT SATURDAY... LOTS OF FUN IT IS, ER... SINGLES GO TOO, UM... WOULD YOU...?

NEXT:
FAMILY
DAY!

CHAPTER 2.

FLIXBOROUGH,
MAY 1973

FAMILY
DAY
'73
NYPRO

QUIET
EVERYONE! RUUD
WANTS TO SAY A FEW
WORDS!

HE'S THE
MANAGING
DIRECTOR...
SHHH!

OUR COMPANY WAS
FORMED NINE YEARS
AGO, AT A TIME WHEN THE
DUPONT-I.C.I. VENTURE
HELD THE NYLON
MONOPOLY IN U.K. -

IT'S
WONDERFUL TO
SEE SO MANY OF
NYPRO FAMILY
GATHERED
TODAY!

HOW COULD THE ONCE
VIBRANT BRITISH TEXTILE INDUSTRY
REMAIN COMPETITIVE WHEN IT COULD
ONLY PURCHASE NYLON FROM ONE
SUPPLIER?!

NOW, THANKS
TO NYPRO...

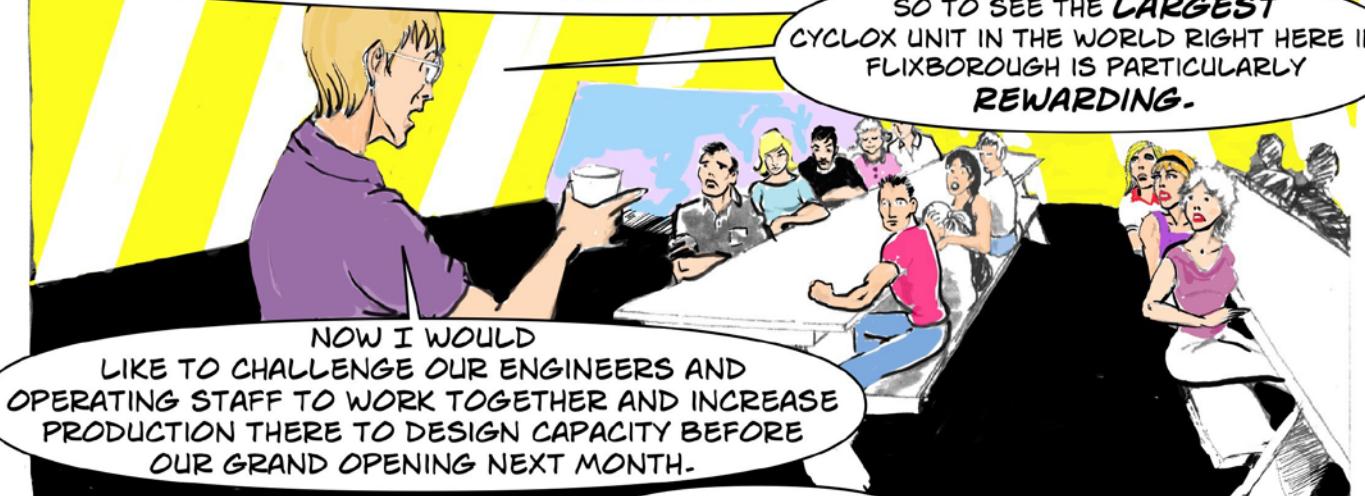
...A NEW AND
EXCITING
CHAPTER IN THE
LONG HISTORY OF
BRITISH TEXTILE
HAS BEGUN!

Wolsey
St Michael
Marks & Spencer
COURTAULDS
Enkalon
Aristoc
Pretty Nelly

NYPRO CONTINUES

TO GROW IN THE COMPETITIVE **SYNTHETIC FIBERS** MARKET THROUGH INNOVATIONS LIKE **CYCLOX**. THIS TECHNOLOGY IS NEAR AND DEAR TO ME PERSONALLY. IT WAS THE FIRST PROJECT I WORKED ON WHEN I JOINED **D.S.M.** AFTER GRADUATION FROM DELFT.

SO TO SEE THE **LARGEST** CYCLOX UNIT IN THE WORLD RIGHT HERE IN FLIXBOROUGH IS PARTICULARLY REWARDING.



NOW I WOULD LIKE TO CHALLENGE OUR ENGINEERS AND OPERATING STAFF TO WORK TOGETHER AND INCREASE PRODUCTION THERE TO DESIGN CAPACITY BEFORE OUR GRAND OPENING NEXT MONTH.

MY FELLOW NYPRONIANS! I WANT TO CLOSE BY THANKING EACH OF YOU FOR YOUR HARD WORK AND LOYALTY!

OK ALL! GAMES START AFTER LUNCH!

WE HAVE LOTS OF ACTIVITIES FOR KIDS OF ALL AGES—INCLUDING THE NYLON-ROPE-TUG-OF-WAR AND THE NYLON-SCARF-THREE-LEGGED RACE!



THERE IS NOWHERE IN THE WORLD I'D RATHER BE THAN RIGHT HERE IN FLIXBOROUGH!

CLAP! CLAP! CLAP!

RUUD GAVE SUCH AN INSPIRATIONAL SPEECH! I'M SURE IT MADE EVERYONE PROUD TO BE WORKING AT NYPRO!

I GUESS CORPORATE BULLSHIT SOUNDS BETTER WITH A DUTCH ACCENT!

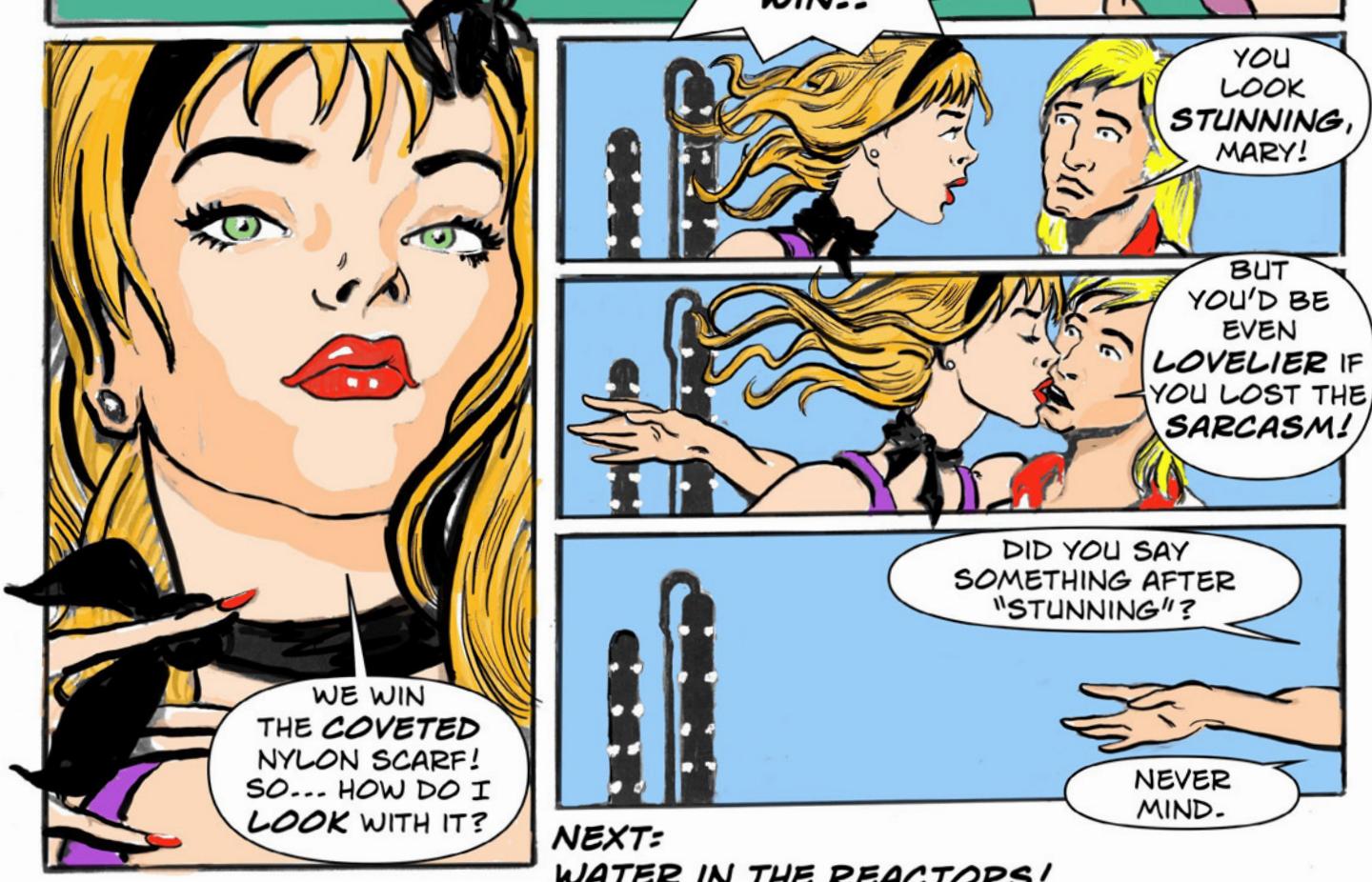
HAHA! BEAUTIFUL AND FUNNY! ALLAN, PLEASE INTRODUCE US TO YOUR FRIEND!

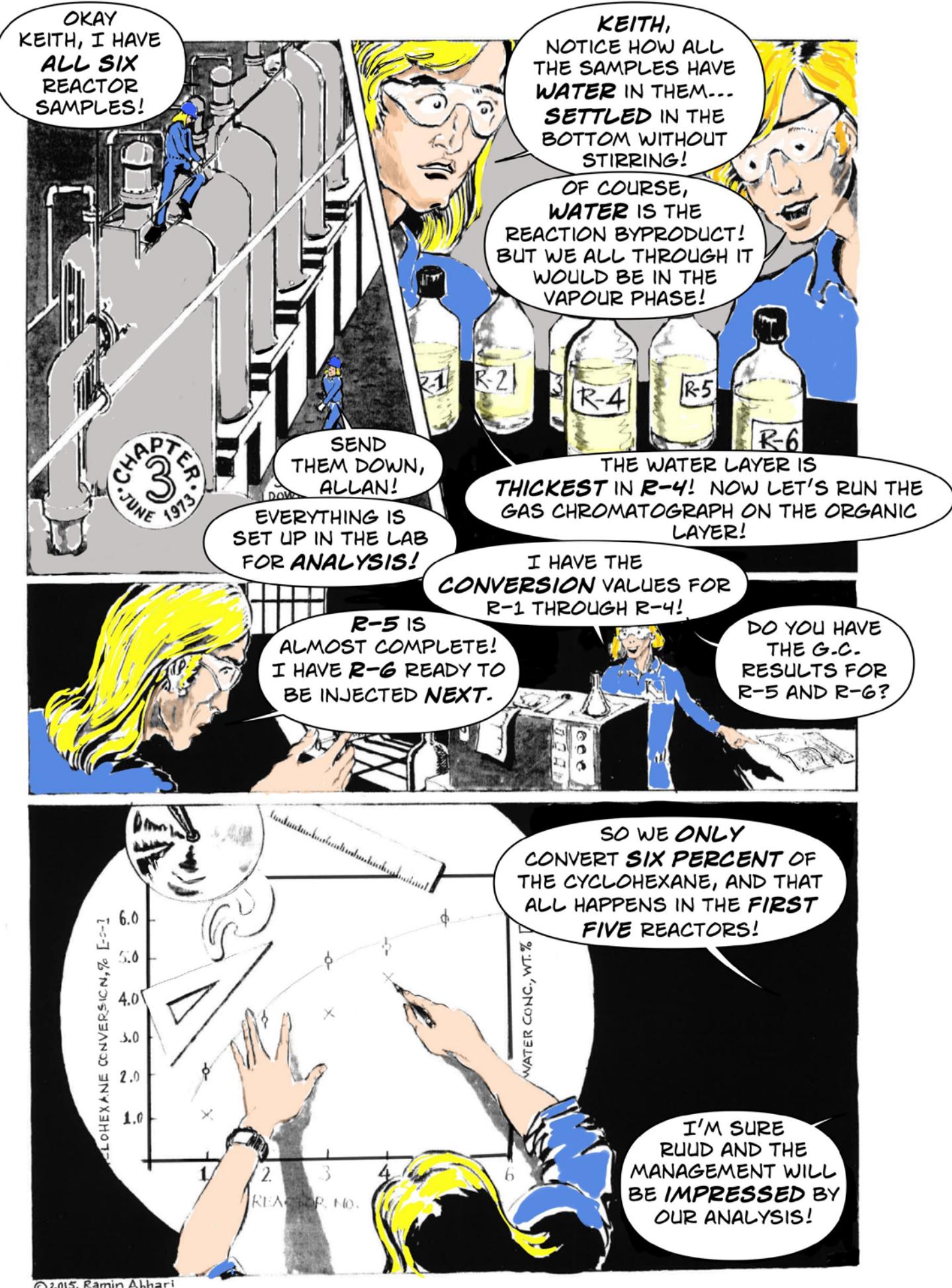


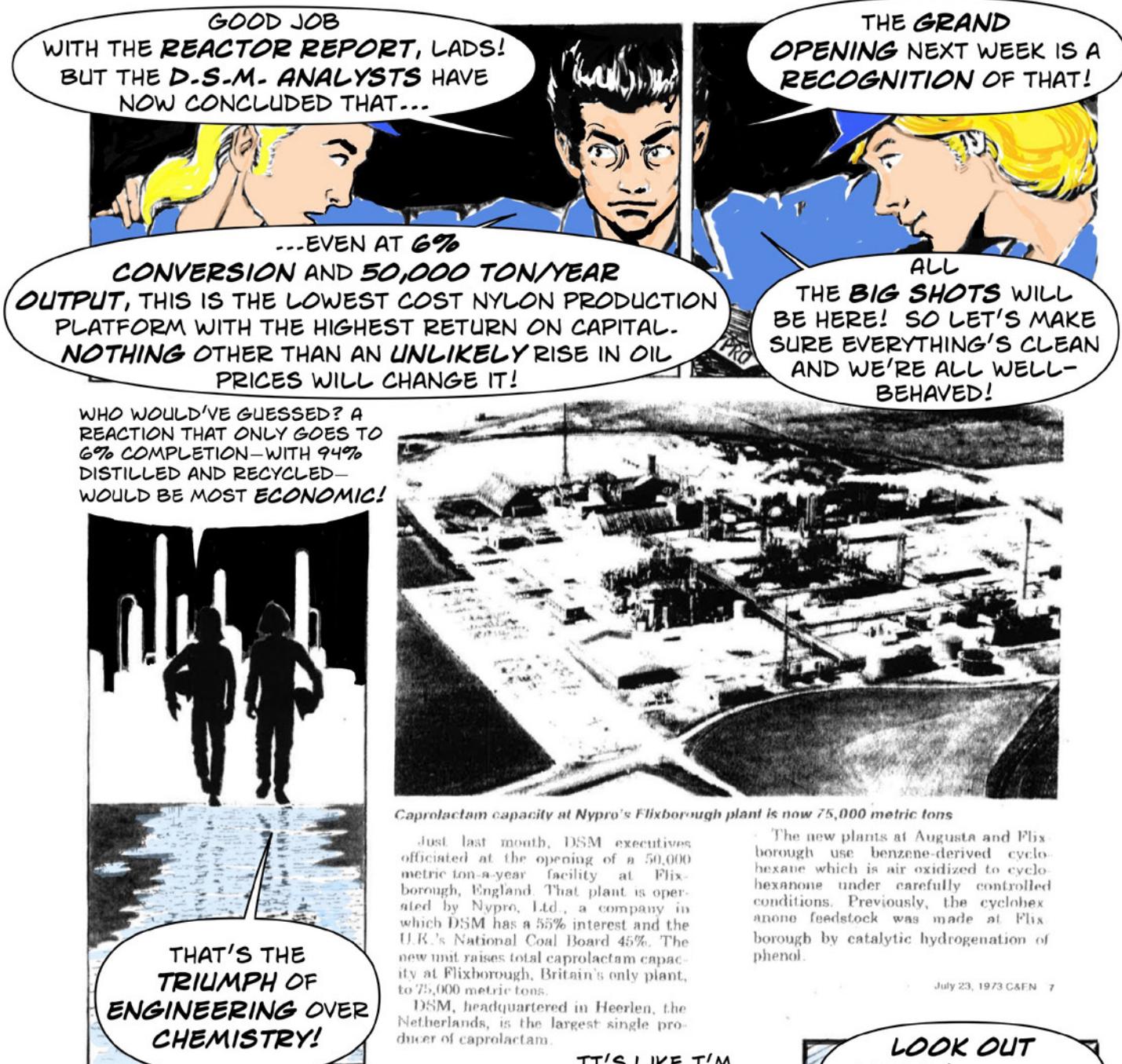
OH SORRY EVERYONE! THIS IS MARY! MARY, THESE ARE SOME OF THE GUYS WHO WORK WITH ME IN THE "C-SHIFT"—KEITH, ROLAND, JOHN,...

ALLAN, WHAT DO YOU SAY WE ACCEPT RUUD'S CHALLENGE AND FIND A WAY TO SQUEEZE MORE PRODUCT OUT OF THE REACTORS! I HAVE SOME IDEAS...

NO TALK OF WORK ON FAMILY DAY! LET'S GET READY FOR THE TUG-OF-WAR!







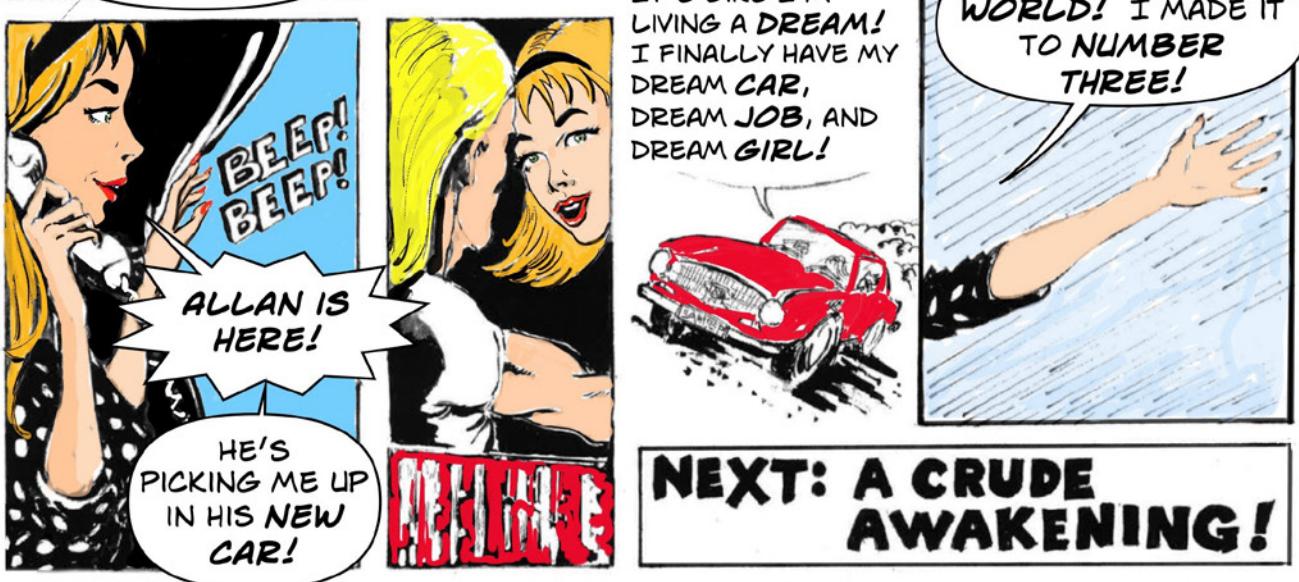
Caprolactam capacity at Nypro's Flixborough plant is now 75,000 metric tons

Just last month, DSM executives officiated at the opening of a 50,000 metric ton-a-year facility at Flixborough, England. That plant is operated by Nypro, Ltd., a company in which DSM has a 55% interest and the U.K.'s National Coal Board 45%. The new unit raises total caprolactam capacity at Flixborough, Britain's only plant, to 75,000 metric tons.

DSM, headquartered in Heerlen, the Netherlands, is the largest single producer of caprolactam.

The new plants at Augusta and Flixborough use benzene-derived cyclohexane which is air oxidized to cyclohexanone under carefully controlled conditions. Previously, the cyclohexanone feedstock was made at Flixborough by catalytic hydrogenation of phenol.

July 23, 1973 C&EN 7



CHAPTER 4

AUTUMN of '73

IN BREAKING NEWS, THE ARMIES OF EGYPT AND SYRIA HAVE LAUNCHED A COORDINATED ATTACK ON ISRAELI FORCES IN THE SINAI AND THE GOLAN HEIGHTS...

IN OTHER NEWS, NEGOTIATIONS BETWEEN THE NATIONAL COAL BOARD AND THE "MINERS HAVE BROKEN DOWN AND THE "MINIMUM WORK" STRIKE CONTINUES!

RESPONDING TO U.S. MILITARY ASSISTANCE TO ISRAEL IN THE CURRENT WAR, ARAB OIL EXPORTERS HAVE STOPPED ALL SHIPMENTS OF CRUDE OIL TO SELECTED WESTERN NATIONS, INCLUDING BRITAIN. AN ANNOUNCEMENT FROM THE PRIME MINISTER IS EXPECTED.

AT THIS TIME OF NATIONAL ENERGY EMERGENCY, OUR COAL-FIRED POWER PLANTS MUST OPERATE AT INCREASED RATES TO MAKE UP FOR REDUCTION IN DIESEL-FUELED GENERATING CAPACITY!

WE EXPECT OUR COAL MINERS TO FULFILL THEIR DUTY AND NOT GIVE IN TO RADICAL ELEMENTS WHO PUT CLASS-STRUGGLE AHEAD OF NATIONAL INTEREST!

9 O'CLOCK NEWS



IN THE LATEST PHASE OF THE BATTLE-OF-WILLS BETWEEN TED HEATH AND THE MINERS' UNION LEADER, MICK MCGAHEY, THE P.M. HAS ORDERED ALL FACTORIES TO REDUCE POWER CONSUMPTION BY CUTTING BACK OPERATIONS TO WHAT IS EXPECTED TO BE A THREE-DAY WEEK! AND THIS AS THE PRICE OF OIL HAS SKYROCKETED FROM \$3 TO \$12 A BARREL!

MR. HEATH AND HIS TORY APPOINTEES ON THE N.C.B. ARE POLITICISING A PAY DISPUTE! TO THAT WE SAY, NO INCREASE IN COAL PRODUCTION WITHOUT A PAY RAISE!

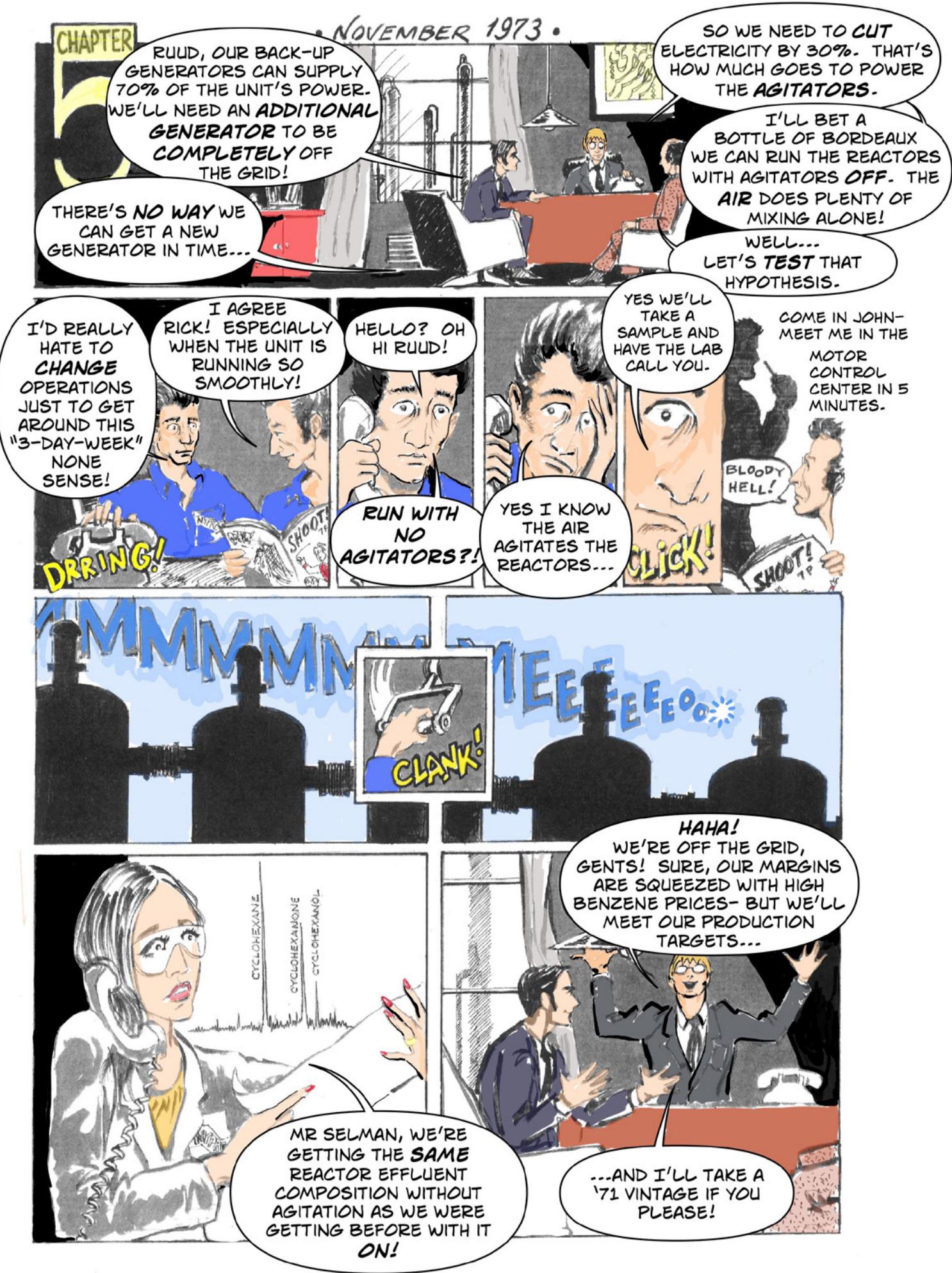
MR. MCGAHEY, YOUR RESPONSE TO THE P.M.?



UNPRECEDENTEDLY HIGH PETROCHEMICAL FEEDSTOCK PRICES AND FORCED POWER-CUTS. THIS IS GOING TO BE A TERRIBLE WINTER, MARY.

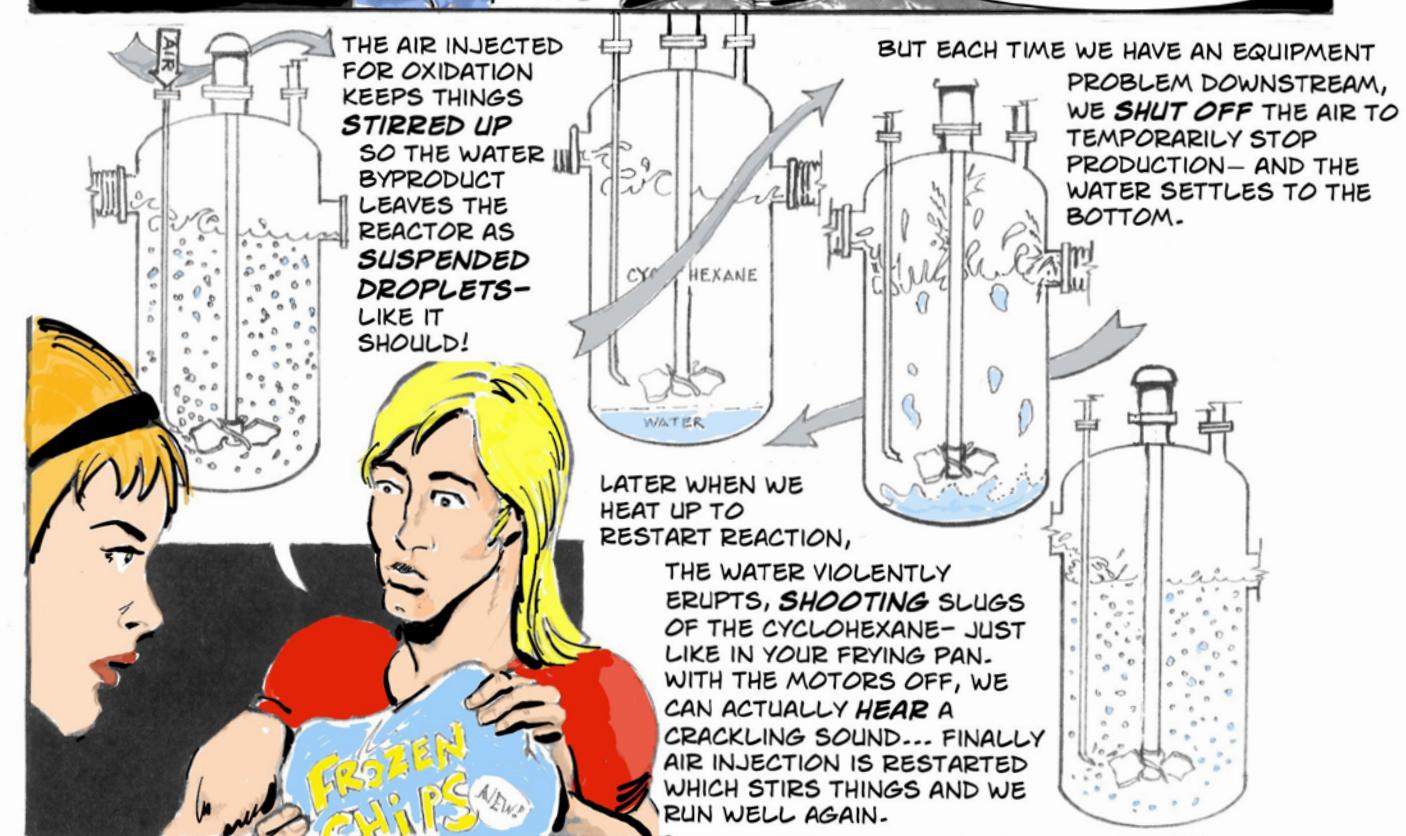
OH MY!
HOW WILL WE EVER
STAY WARM?!

SIX REACTORS SHAKEN, NOT STIRRED!





YOU KNOW, MARY,
THAT'S EXACTLY WHAT'S
BEEN HAPPENING AT THE PLANT
SINCE WE STOPPED
MECHANICALLY STIRRING THE
REACTORS TO SAVE
ELECTRICITY!



NEXT:

You are invited
to the 1973
Nypro Chemical Co.

Christmas **PARTY**
FOOD • DRINKS • LIVE MUSIC • DANCING • FUN





GOOD EVENING NYPRONIANS!
BEFORE I INTRODUCE THE BAND, I'D
LIKE TO SAY A FEW WORDS ABOUT
THE STATE OF OUR BUSINESS.

YOU ALL KNOW THAT THIS YEAR'S
"OIL SHOCK" HAS THROWN OUR
INDUSTRY OFF THE TRACKS OF
PROFITABILITY. SO WE NEED TO BE
VIGILANT IN MANAGING EXPENSES
AND SEEK CREATIVE **LOW-COST**
SOLUTIONS TO OPERATIONAL
ISSUES.



BUT I ALSO WANT TO **ASSURE**
YOU THAT OUR FUTURE IS
BRIGHT! WE HAVE AN ADVANCED
PROCESS TECHNOLOGY FOR
LOW-COST PRODUCTION AND ARE
WELL-POSITIONED TO COMPETE
IN A CYCLICAL MARKET!



OIL FROM THE **NORTH SEA** WILL
SOON FREE THE U.K. REFINING
AND PETROCHEMICAL INDUSTRIES
FROM IMPORTS! AND **NYPRO**
WILL BE IN A PARTICULARLY
ADVANTAGEOUS POSITION!

WITH THAT, I WISH YOU AND YOUR
FAMILIES A **MERRY CHRISTMAS**
AND A **SUCCESSFUL 1974!**



AND NOW, LADIES AND GENTLEMEN, THE HOTTEST
COVER BAND IN LINCOLNSHIRE... WITHOUT FURTHER
ADO, HERE IS... **POLYTHENE JAM!**





I look at you all see
the love there
that's sleeping,
While my guitar
gently weeps.

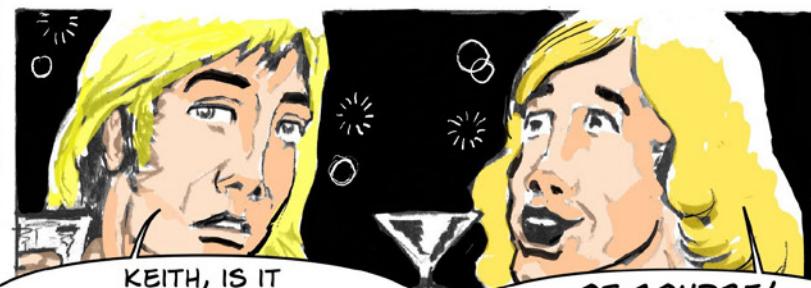
I look at the floor
and I see
it needs sweeping,
Still my guitar
gently weeps.



MR. SELMAN,
WHAT DO YOU THINK
MAKES A GOOD
RELATIONSHIP?

I don't know why
nobody told you
How to unfold your love.

I don't know how
someone controlled you
They bought and sold you.



I DON'T
KNOW ABOUT
ROMANTIC
RELATIONS, BUT
AT WORK IT'S
ALL ABOUT
COMMUNI-
CATION.

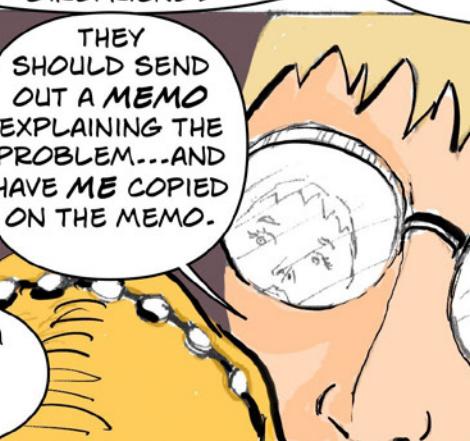
KEITH, IS IT
NORMAL FOR THE BOSS OF
YOUR BOSS'S BOSS TO SLOW-
DANCE WITH YOUR
GIRLFRIEND?

OF COURSE!
IT'S VERY
CONTINENTAL...SHOWS YOU'RE
PART OF THE CORPORATE
FAMILY!

I look at the
World and
I notice it's
turning,
While my
guitar gently
weeps.
With every
mistake we
should surely
be learning;
Still my guitar
gently weeps.



AND WHEN
AN EMPLOYEE SEES A
PROBLEM... HOW
SHOULD THAT BE
COMMUNICATED?



THEY
SHOULD SEND
OUT A MEMO
EXPLAINING THE
PROBLEM... AND
HAVE ME COPIED
ON THE MEMO.

HEY, IT LOOKS LIKE
I'M GOING TO BE
THE DESIGNATED
DRIVER FOR THE
MOST HANDSOME
MAN AT THE PARTY!

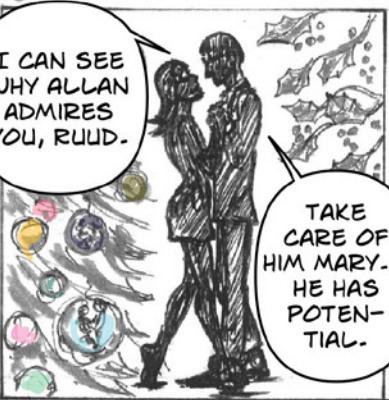


I CAN SEE
WHY ALLAN
ADMires
YOU, RUUD.

I don't know how
you were diverted...
No one alerted you.

MAY I HAVE YOUR
CAR KEYS, SIR?

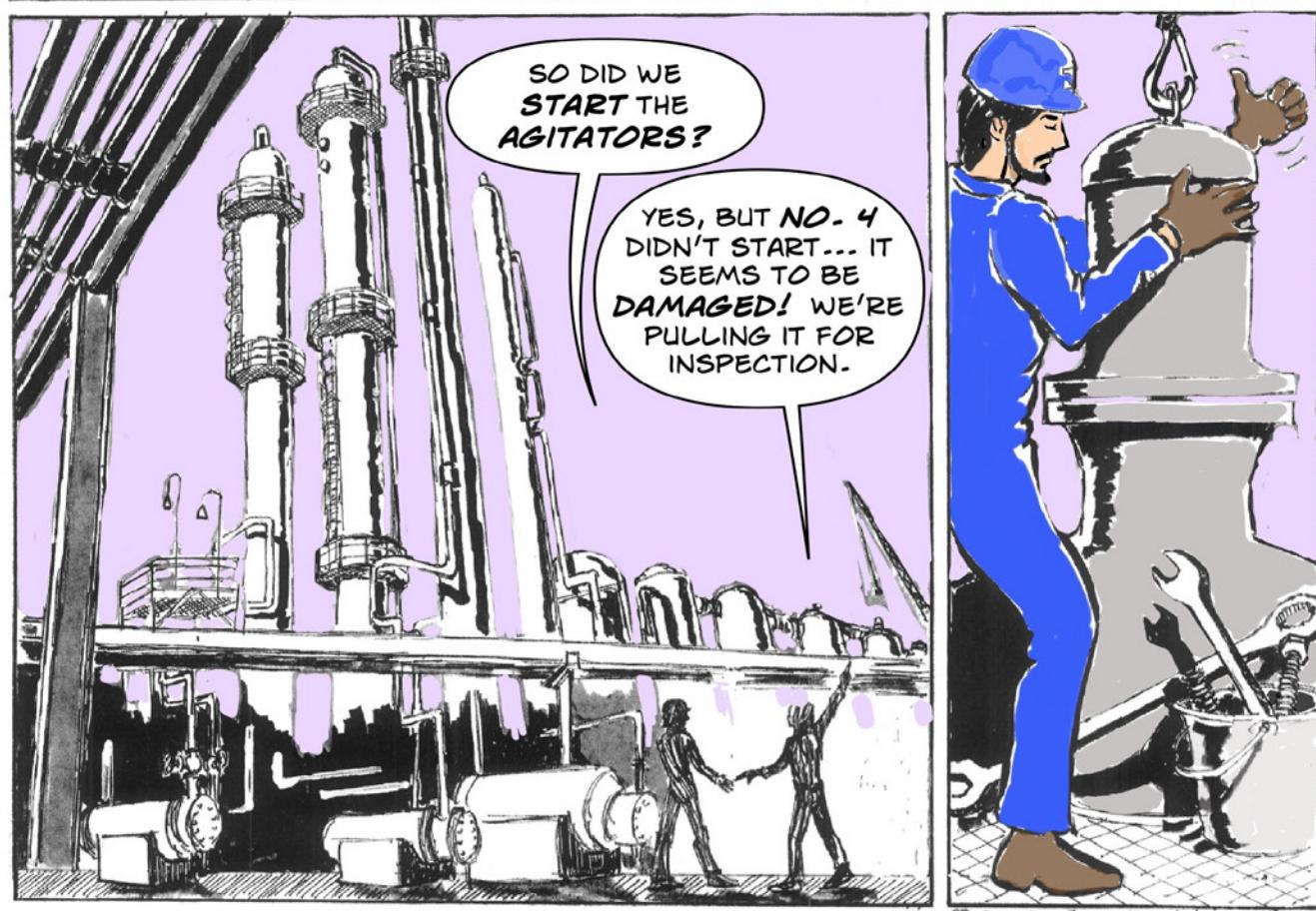
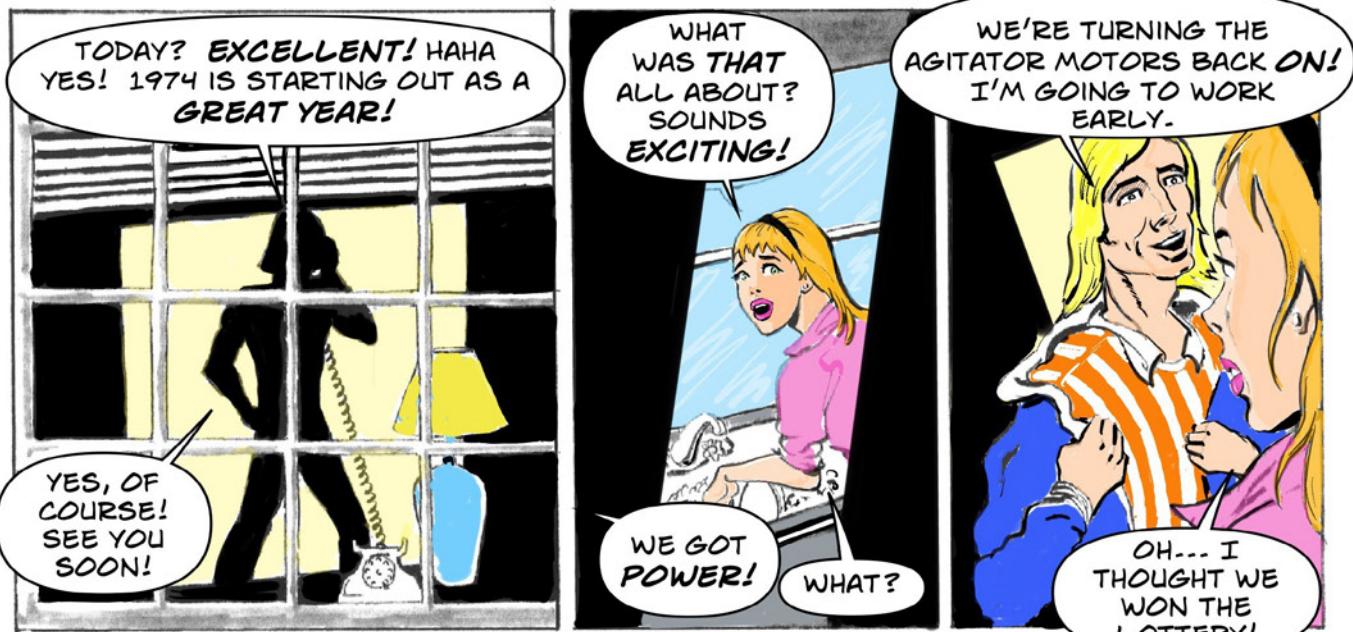
HERE
YOU GO,
MARY.



TAKE
CARE OF
HIM MARY...
HE HAS
POTEN-
TIAL.

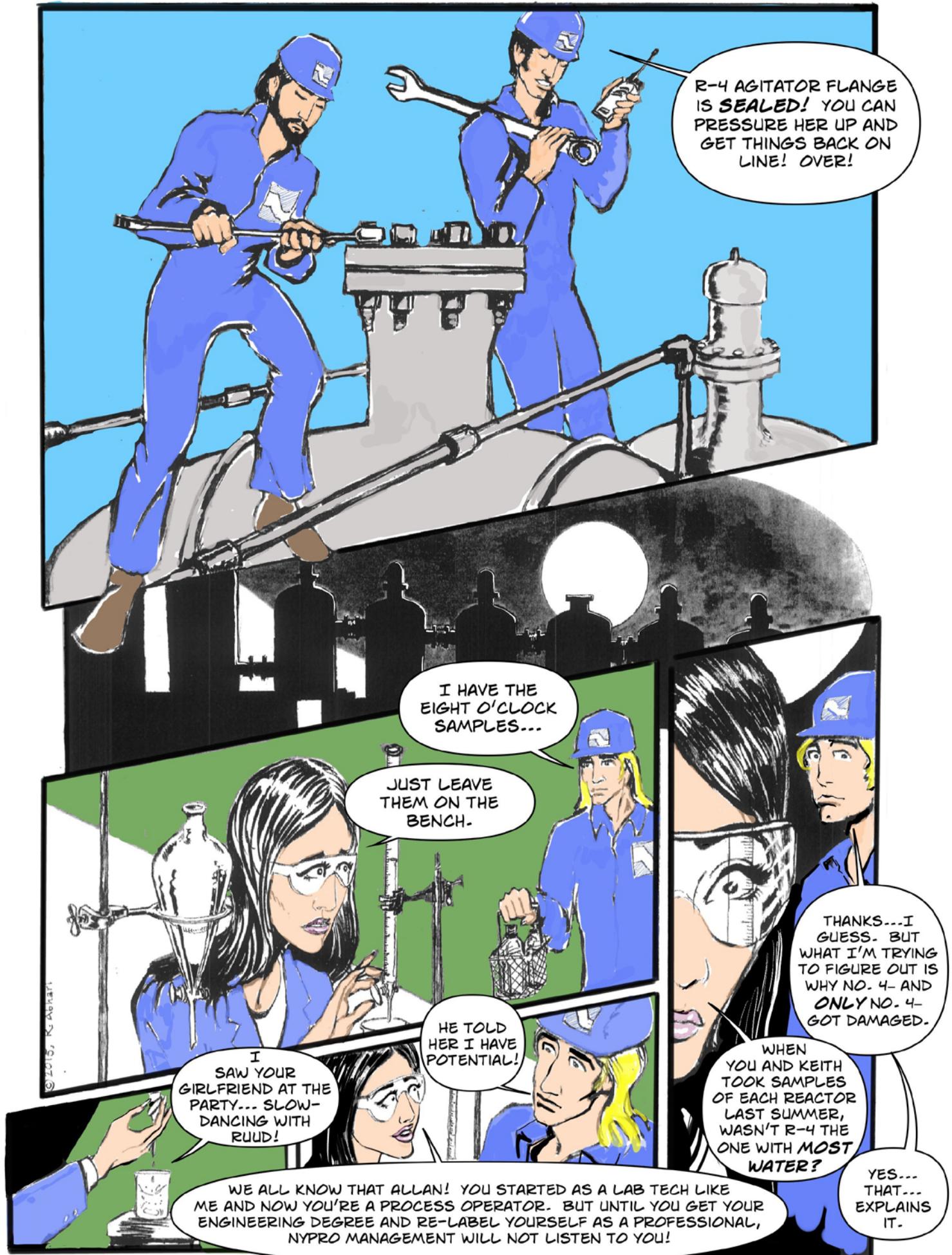


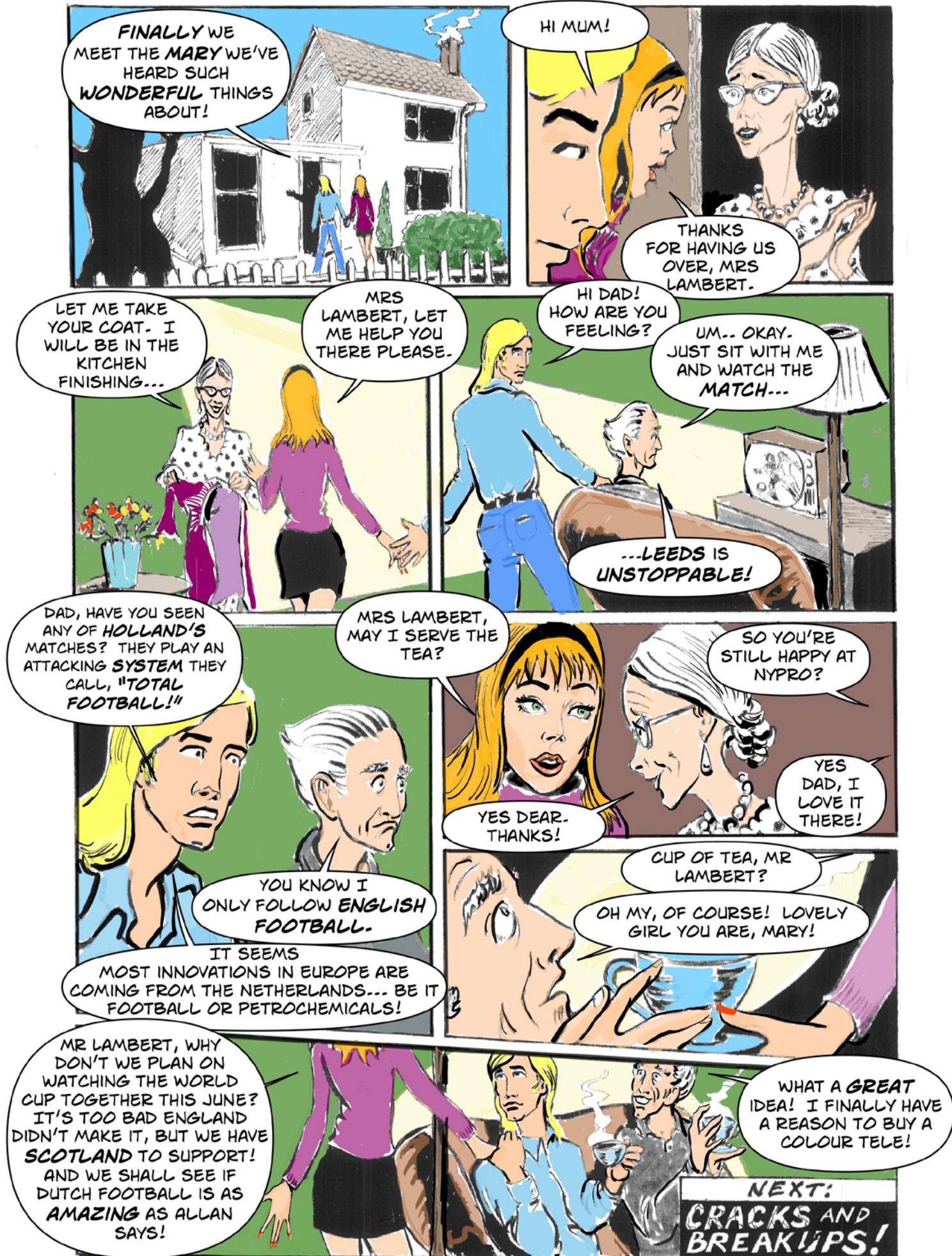
NEXT: THE BENT SHAFT!

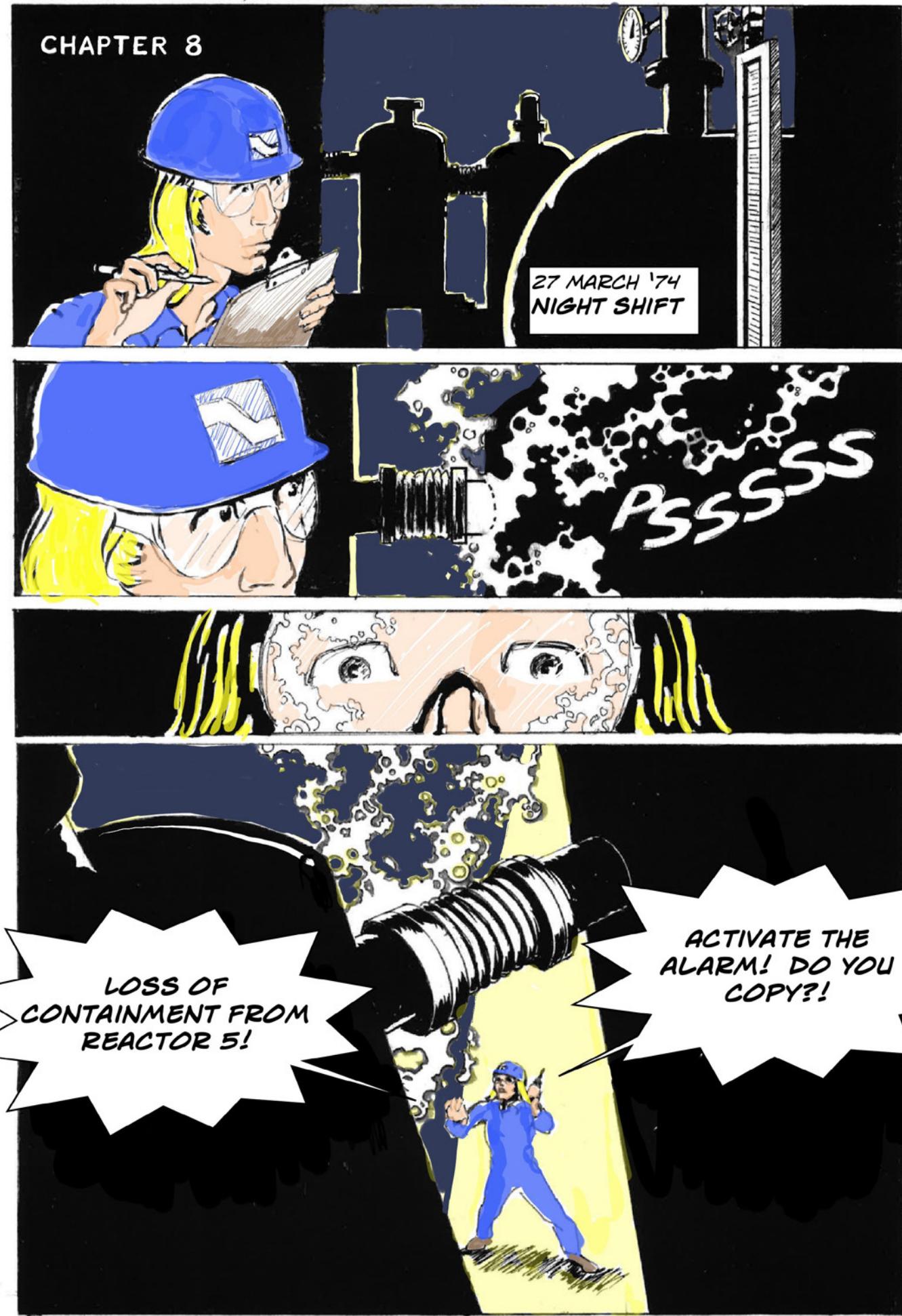


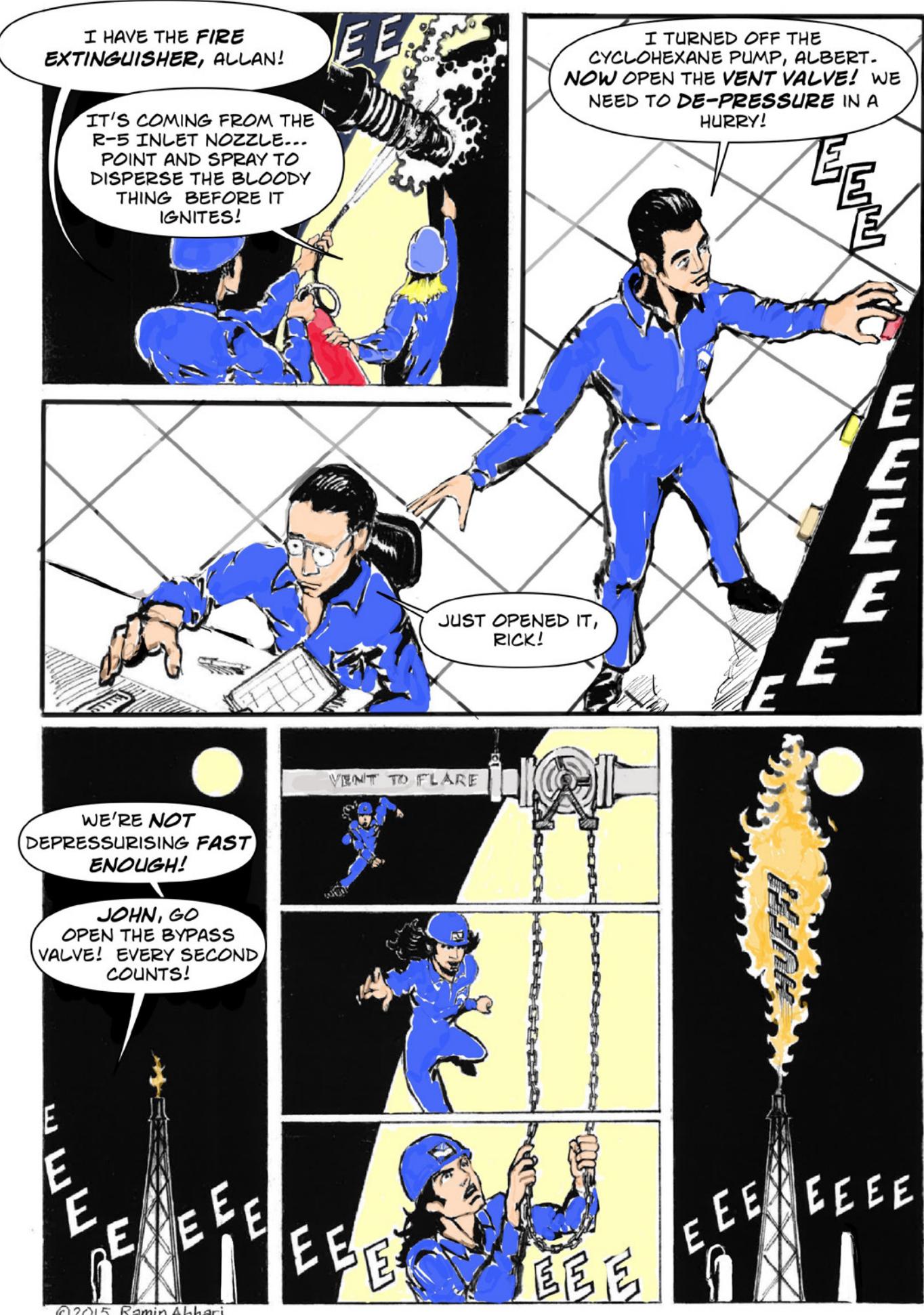
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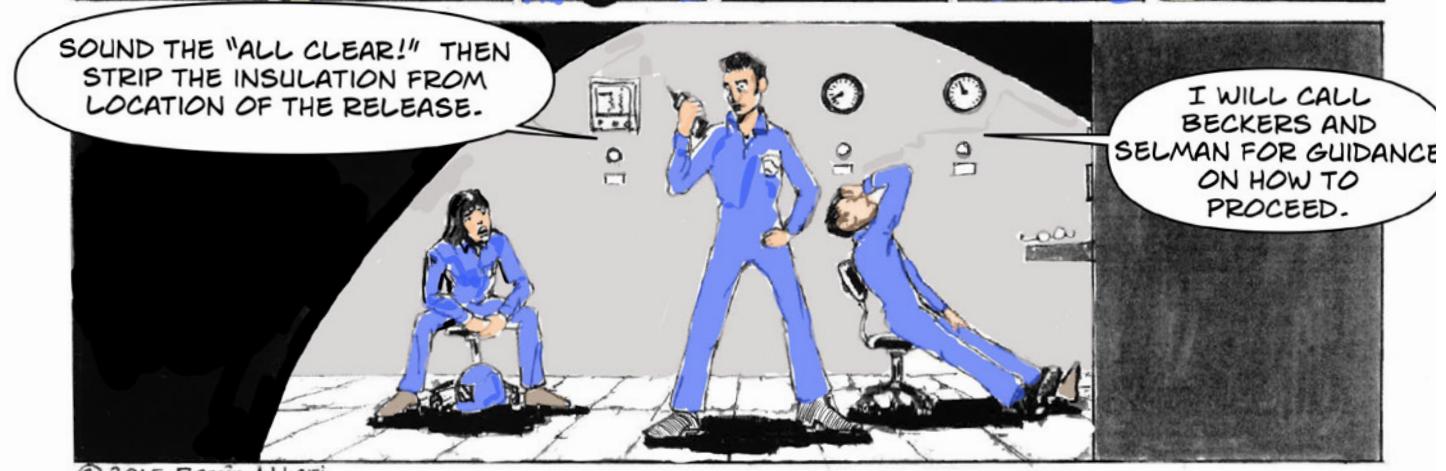
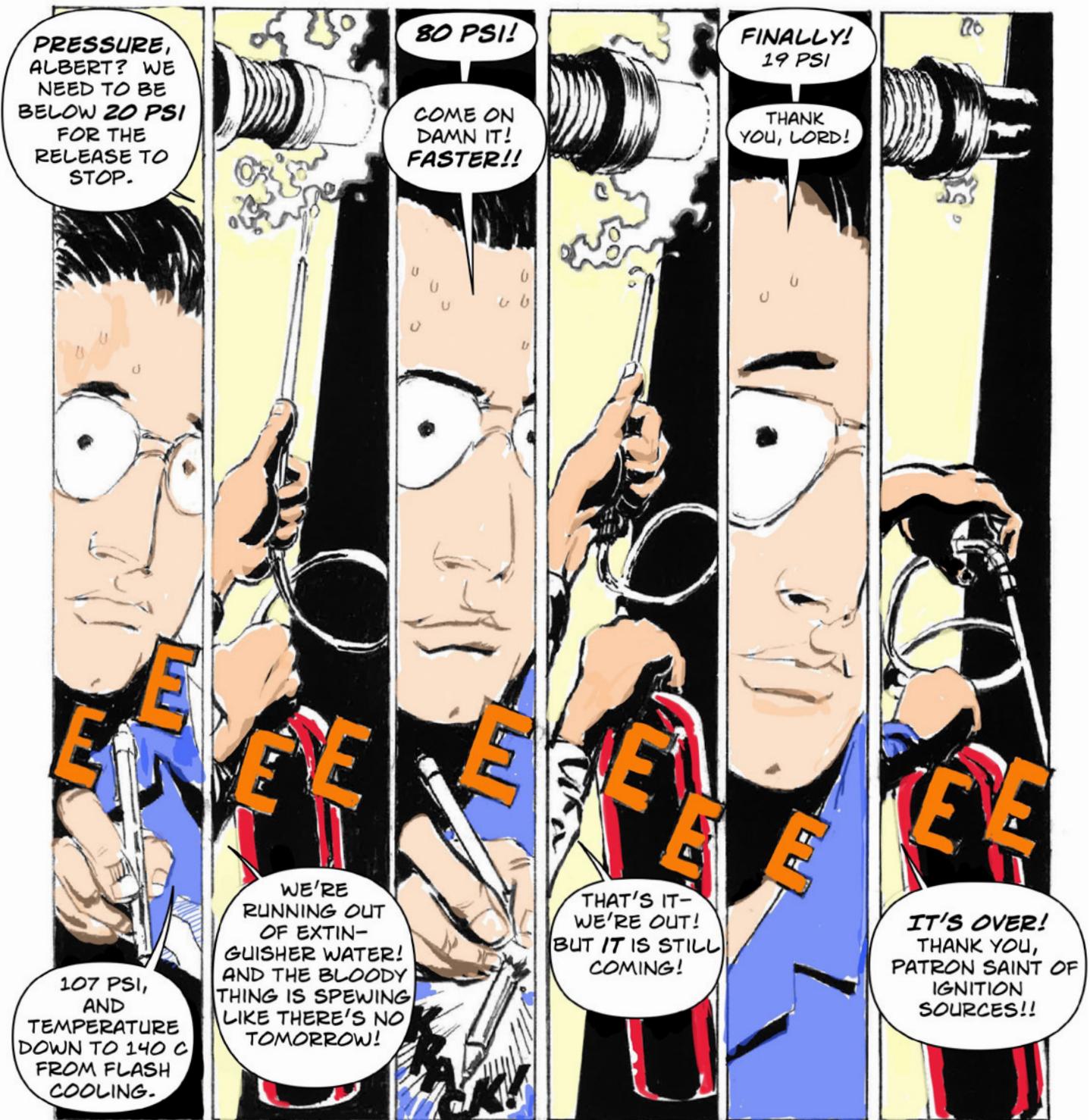


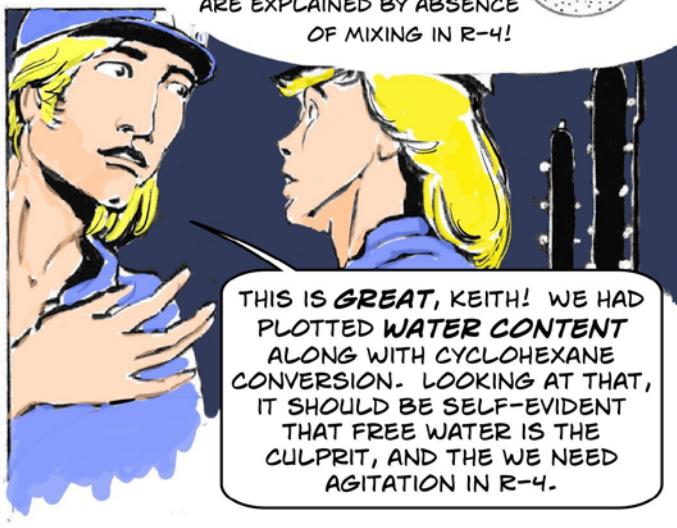
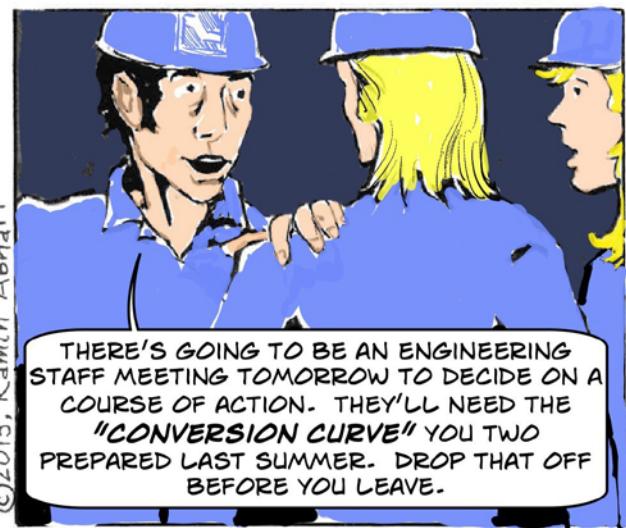
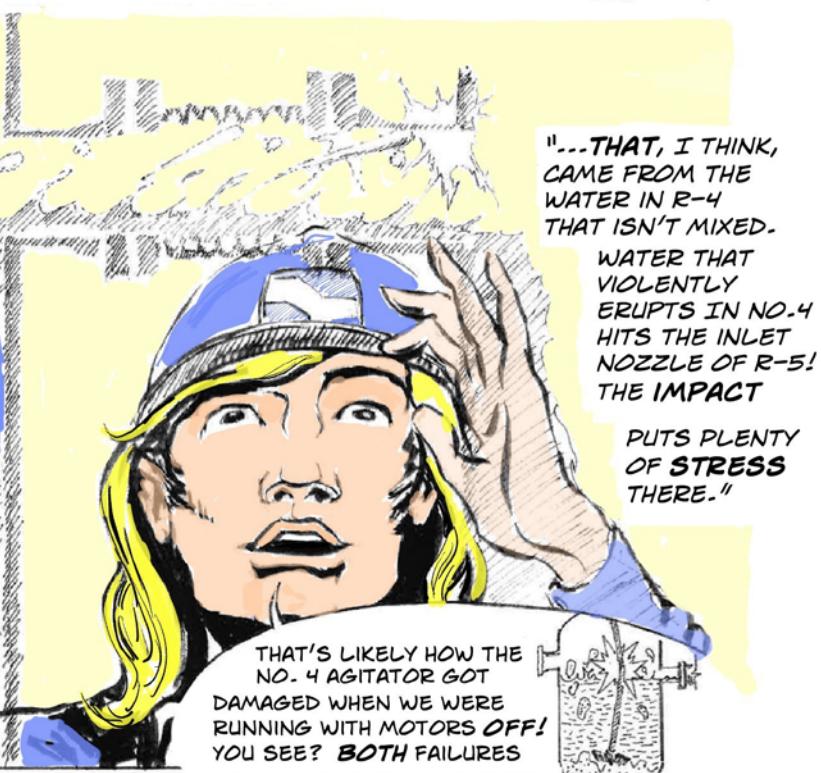
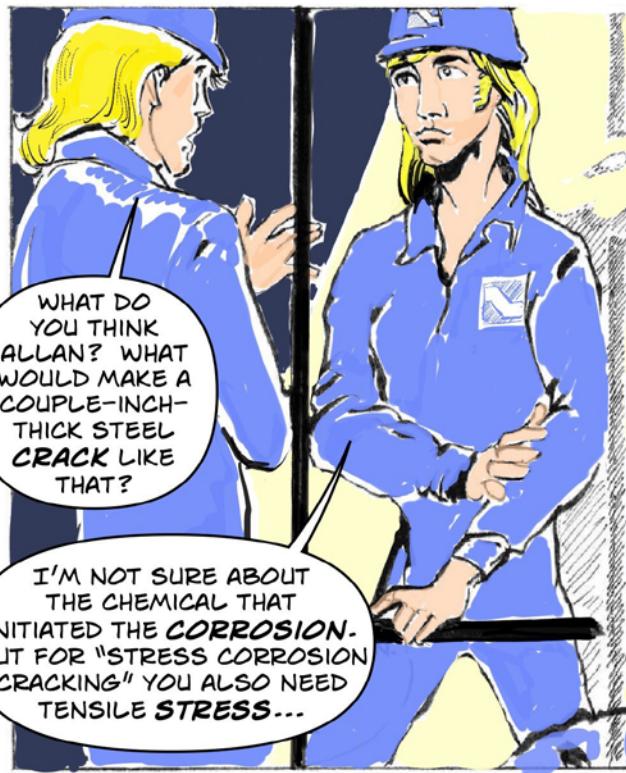
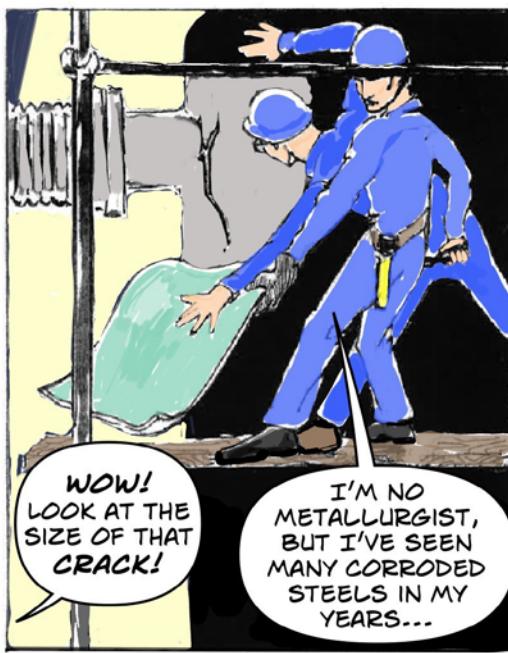
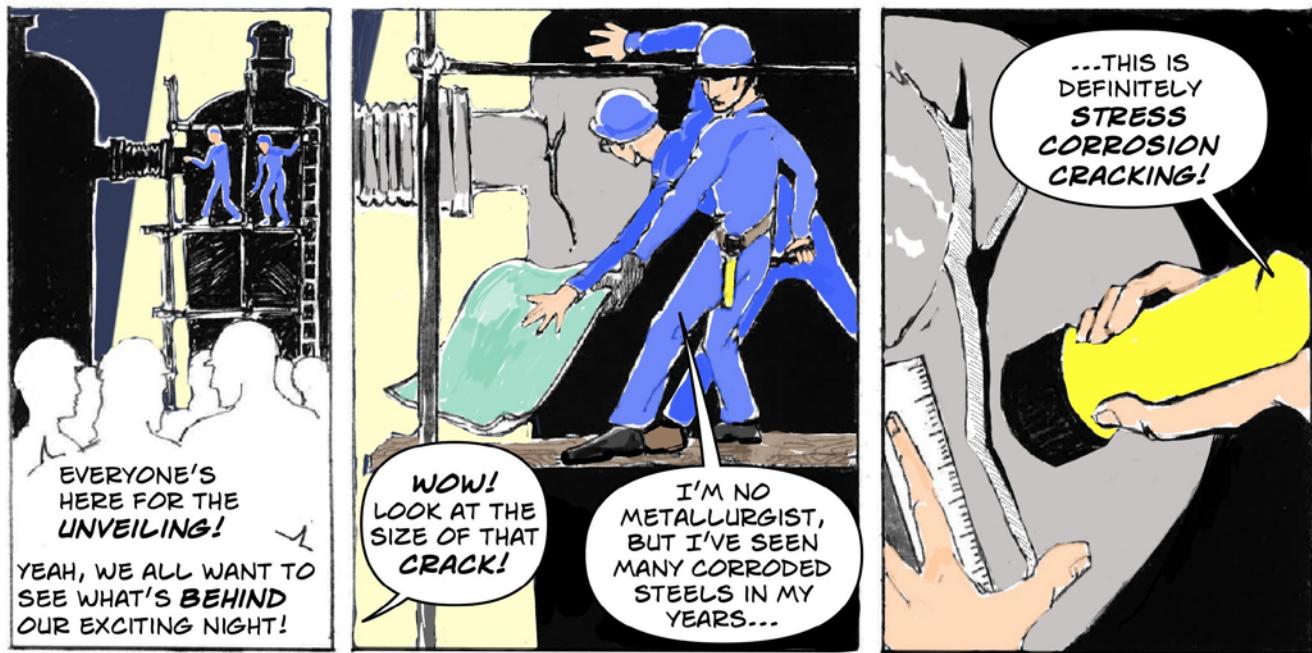


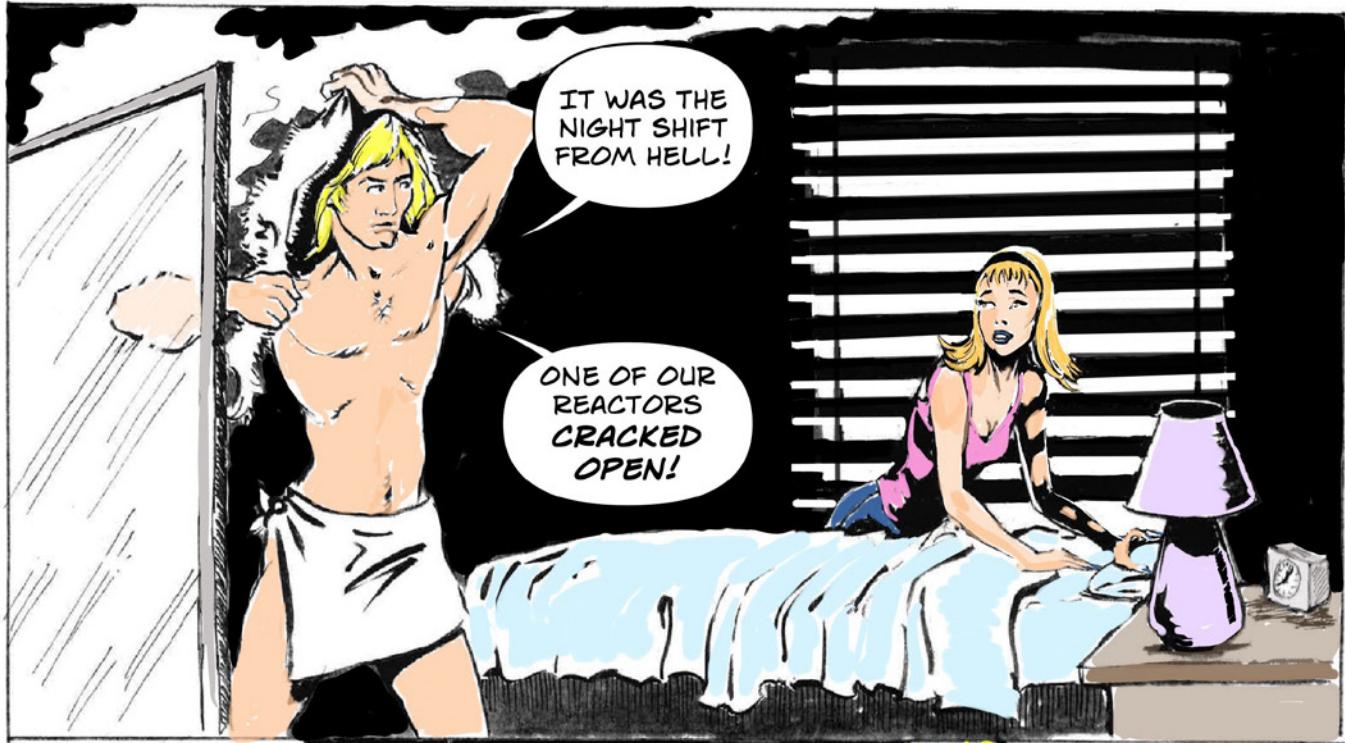












OH MARY, I WAS FACE-TO-FACE WITH THE MOST DESTRUCTIVE FORCE I'VE EVER SEEN.

A HYDROCARBON VAPOUR-AND-AEROSOL MIXTURE... EACH AEROSOL DROPLET CONTAINING POTENT OXIDATION CATALYST!

THE CATALYST IS AN ACCELERATOR FOR ALL OXIDATION REACTIONS... INCLUDING COMBUSTION! THE AEROSOL-VAPOUR CLOUD LINGERED ABOVE.



WE HAVE TO PUT A WORKING AGITATOR BACK IN R-4... MUSTN'T START WITHOUT IT.

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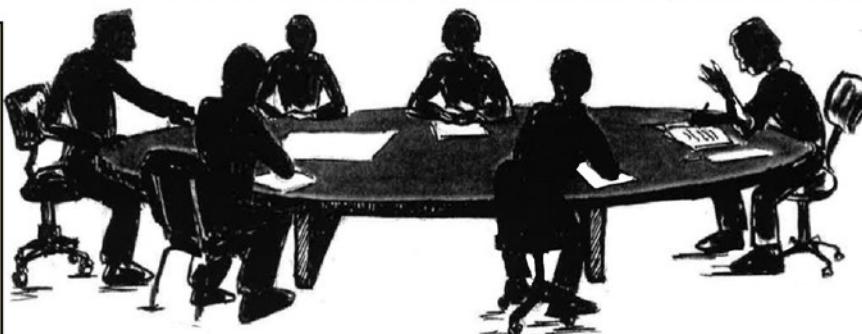
28 MARCH

RICK, WHAT'S THE PLAN? ARE WE GOING TO WAIT UNTIL R-5 IS REPLACED AND WE HAVE AN AGITATOR IN R-4 BEFORE COMING BACKUP?

ALLAN, THAT WOULD TAKE MONTHS! RUUD CHALLENGED THE TECHNICAL STAFF TO COME UP WITH A WORK-AROUND THAT WOULD HAVE US UP AND RUNNING IN DAYS!

FIRST, WE CONFIRMED THAT NONE OF THE OTHER REACTORS SHOW ANY SIGN OF STRESS CORROSION CRACKING.

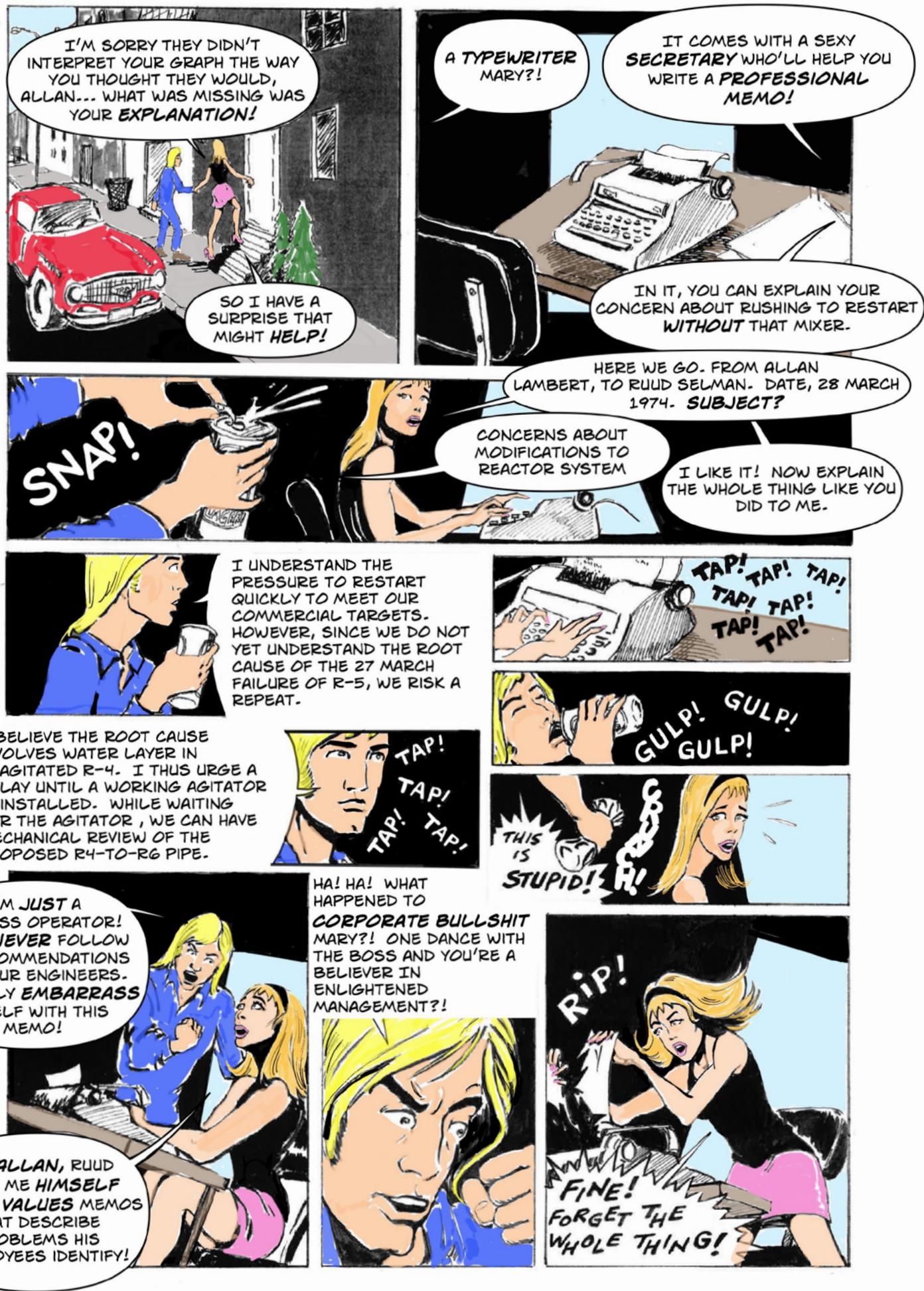
"THEN THE ENGINEERS LOOKED AT THE CONVERSION DATA AND CONFIRMED THAT VIRTUALLY ALL THE OXIDATION HAPPENS IN THE FIRST FIVE REACTORS. ALL WE NEED TO RUN IS FIVE WORKING REACTORS!"

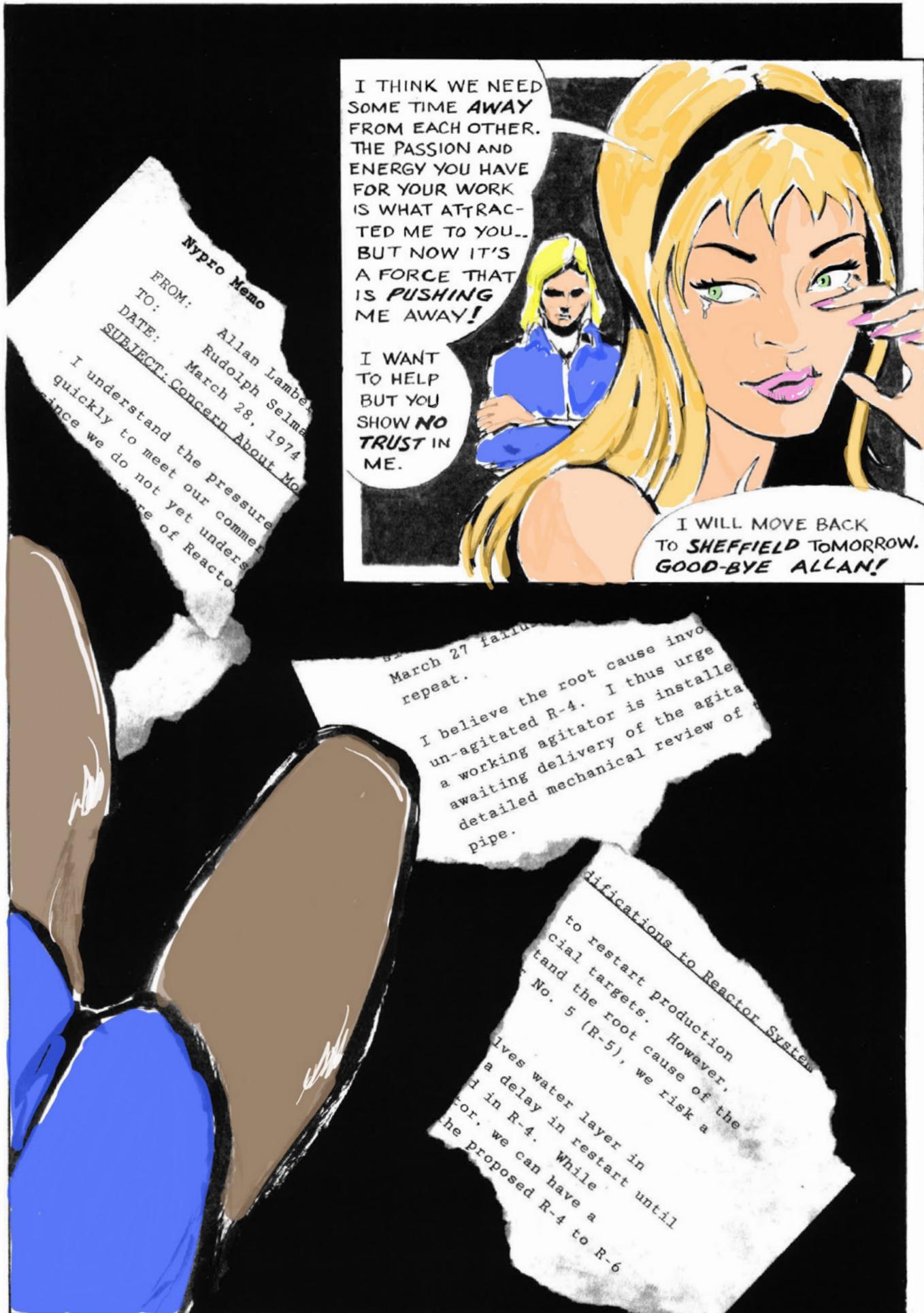


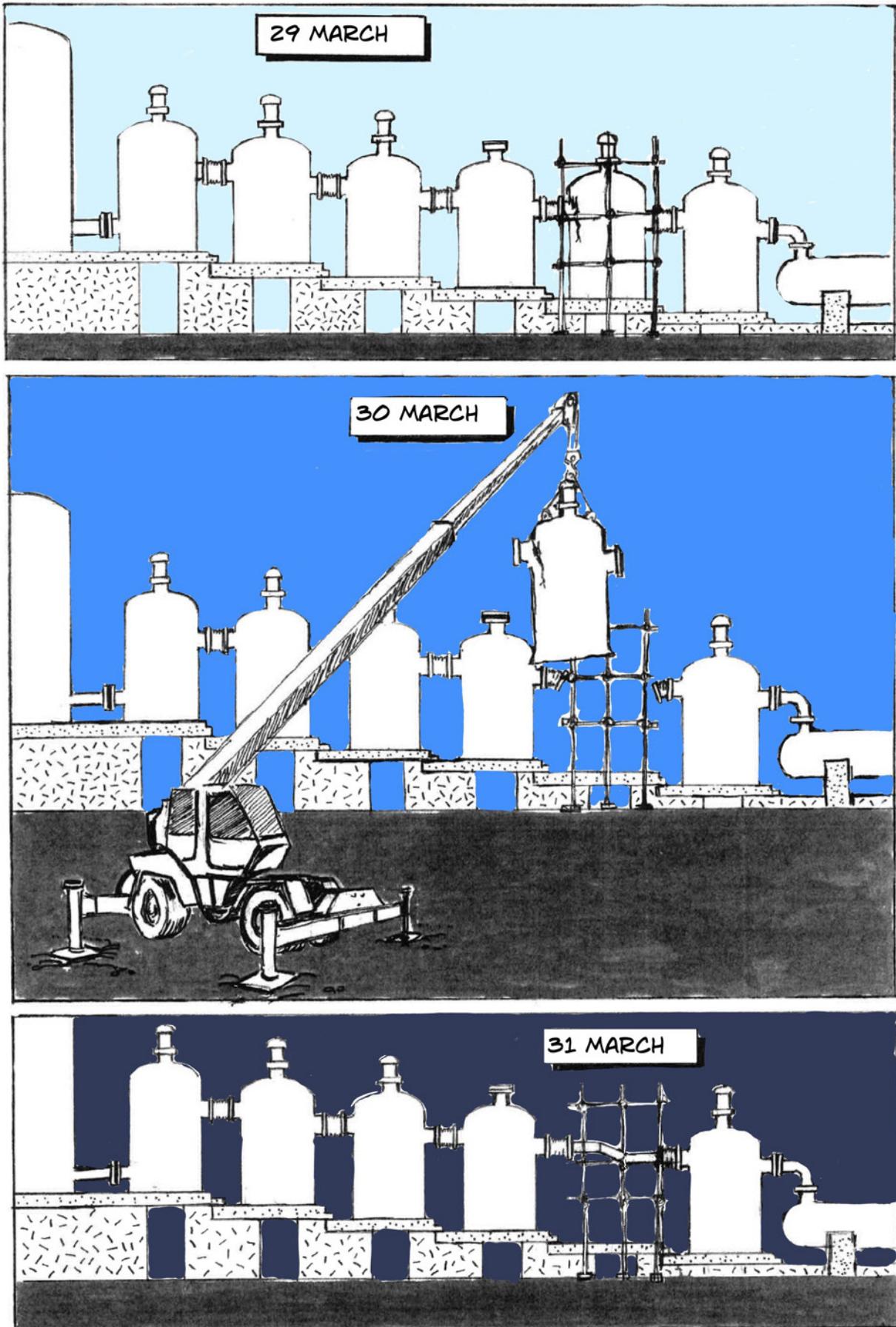
"THEY CAME UP WITH A PIPE DESIGN FOR FLOWING DIRECTLY FROM HIGHER R-4 TO LOWER R-6. THE CRACKED R-5 IS BEING REMOVED FOR METALLURGICAL TESTS AND REPLACEMENT."



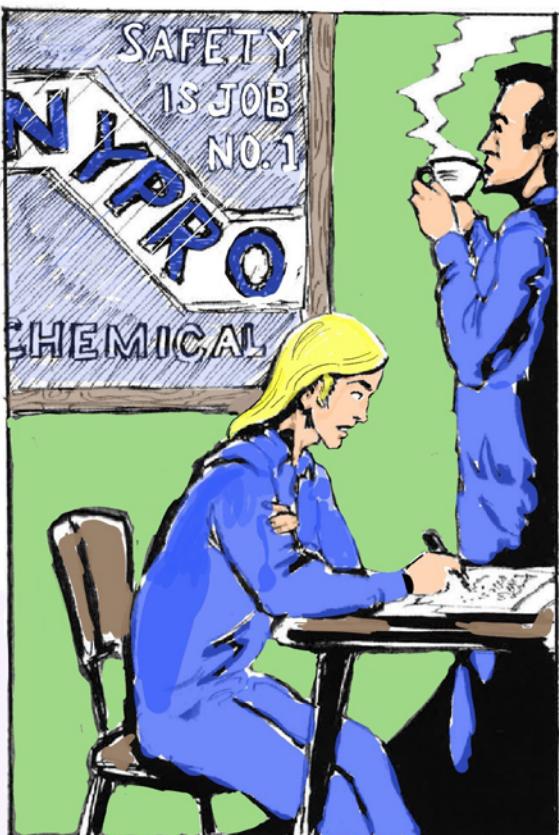
"THEY DREW UP THE PROPOSED PIPE ON THE SHOP FLOOR AND THE LADS THERE HAVE ALREADY STARTED FABRICATION!"







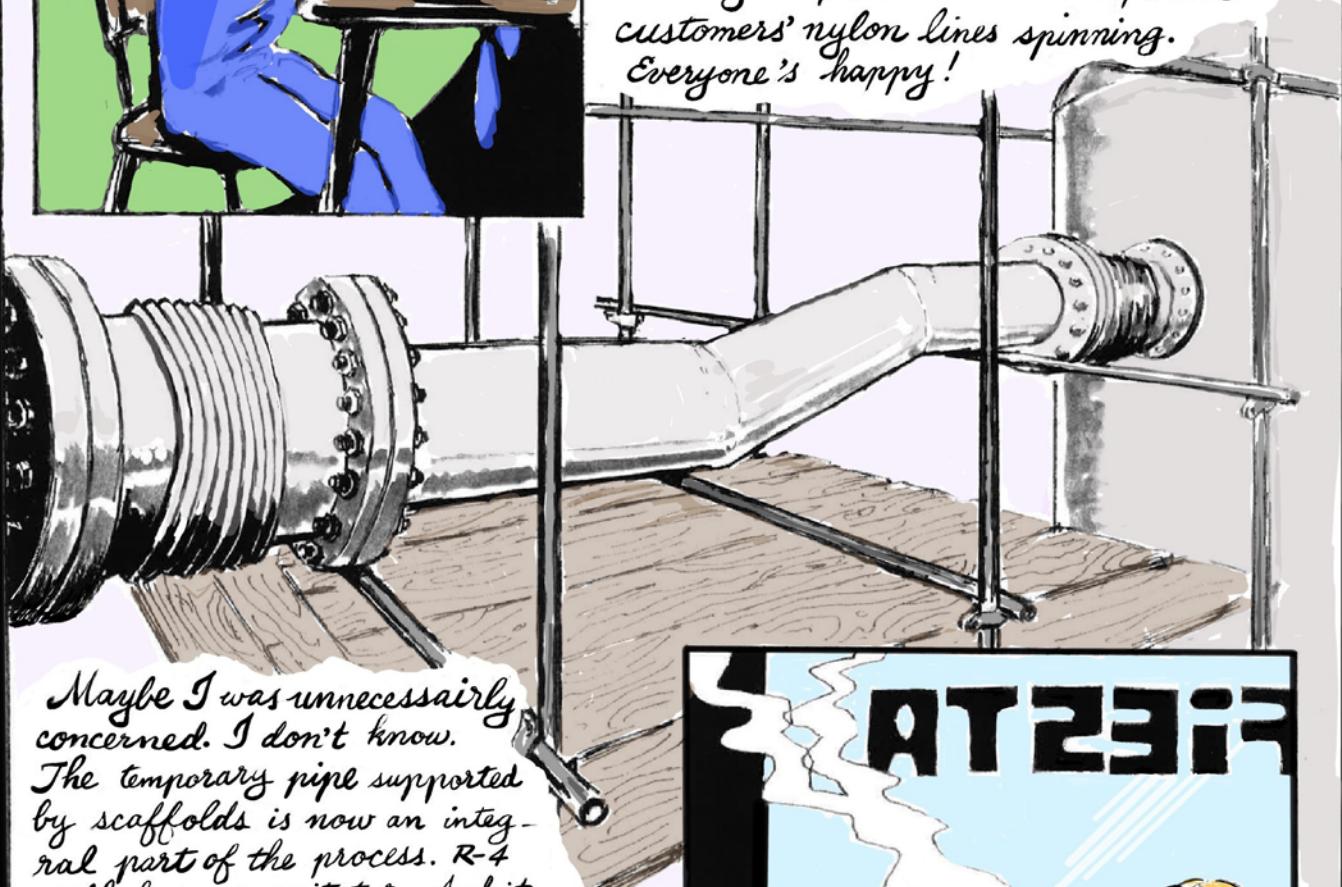
NEXT:
LAST POSTCARD FROM FLIXBOROUGH

CHAPTER
NINE

Flixborough, 7 April 1974

Dear Mary,
I'm sorry I lost my temper. I just felt so powerless at that moment. Things around me were changing and I had no say in the matter. Your faith in my ability to influence the events with my words just added to the pressure -- and perhaps brought out my working class insecurities. I became angry and said hurtful things. Sorry.

Well, we've been up and running, making the product that keeps our customers' nylon lines spinning. Everyone's happy!

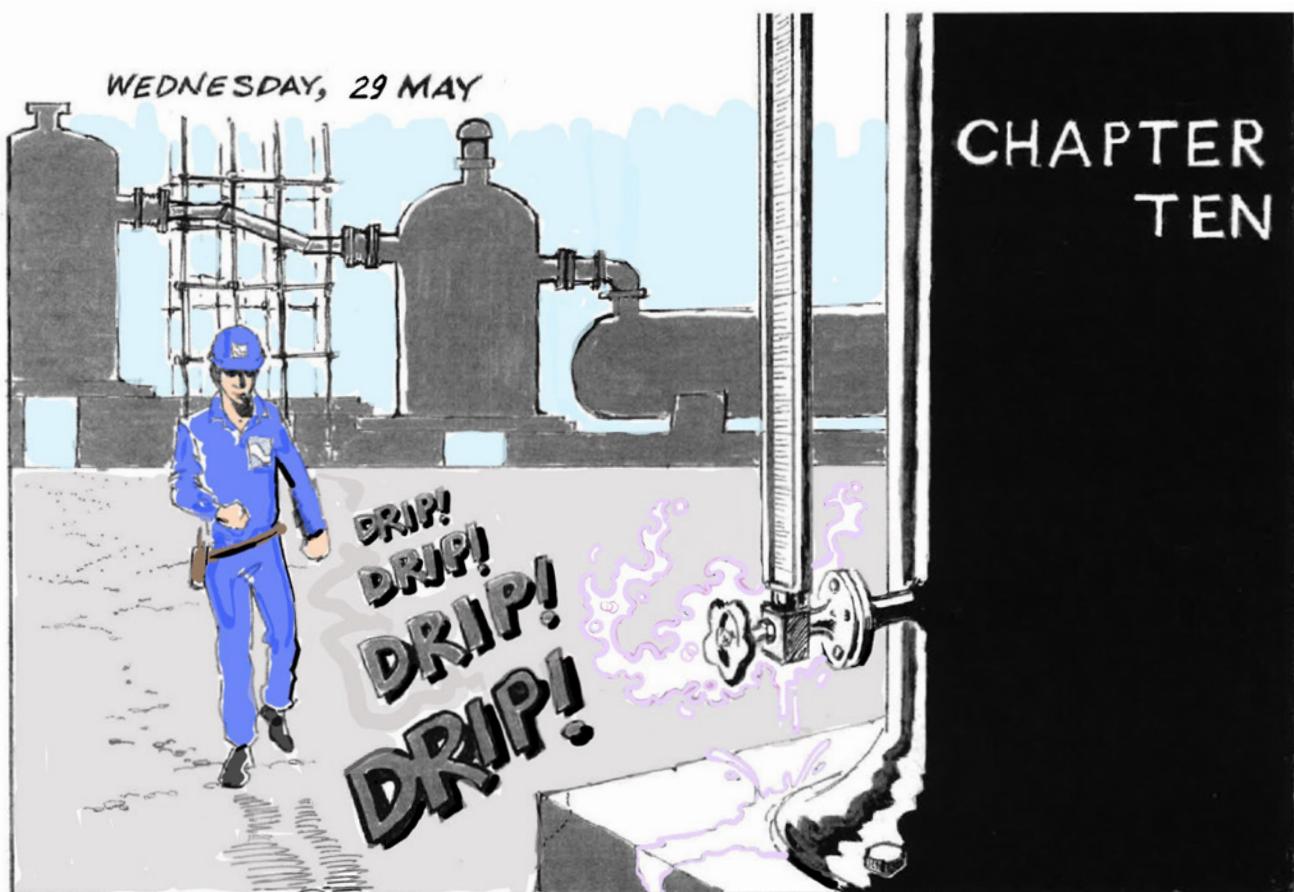


Love,
Allan

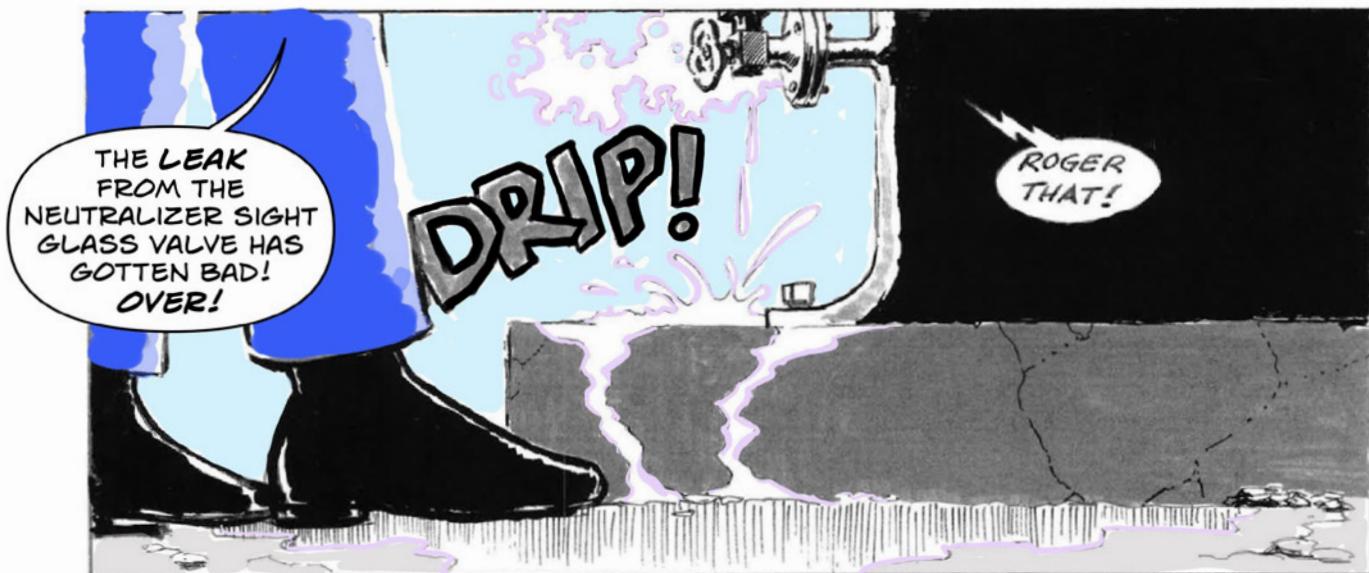


NEXT UNCONFINED
DESTRUCTION!

WEDNESDAY, 29 MAY

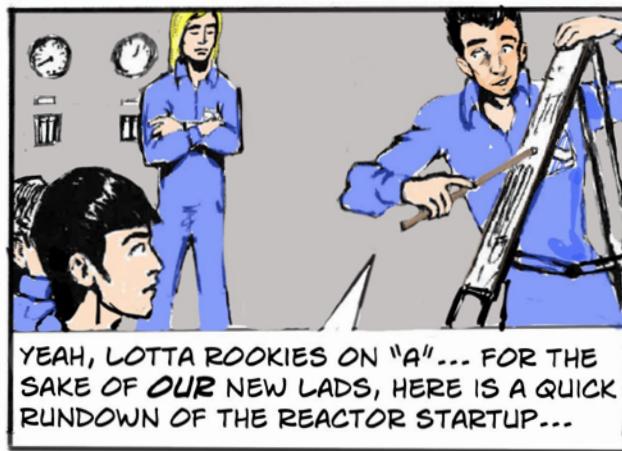


CHAPTER TEN



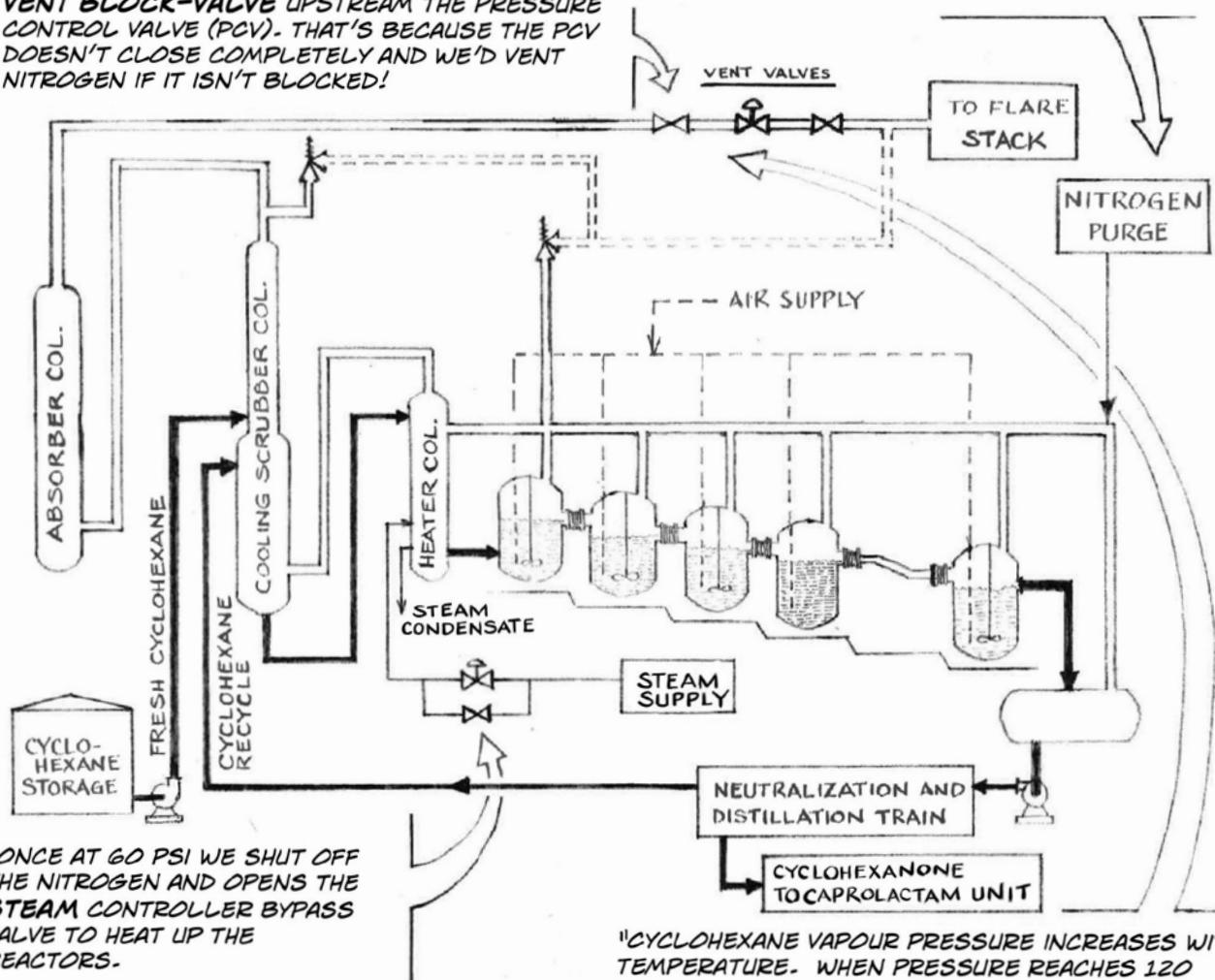
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"TO DO THAT, WE HAVE TO CLOSE THE MANUAL VENT BLOCK-VALVE UPSTREAM THE PRESSURE CONTROL VALVE (PCV). THAT'S BECAUSE THE PCV DOESN'T CLOSE COMPLETELY AND WE'D VENT NITROGEN IF IT ISN'T BLOCKED!"

"FIRST THING AFTER CYCLOHEXANE CIRCULATION, WE PRESSURIZE THE REACTOR SYSTEM TO GO PSI WITH NITROGEN..."



"ONCE AT 60 PSI WE SHUT OFF THE NITROGEN AND OPENS THE STEAM CONTROLLER BYPASS VALVE TO HEAT UP THE REACTORS."

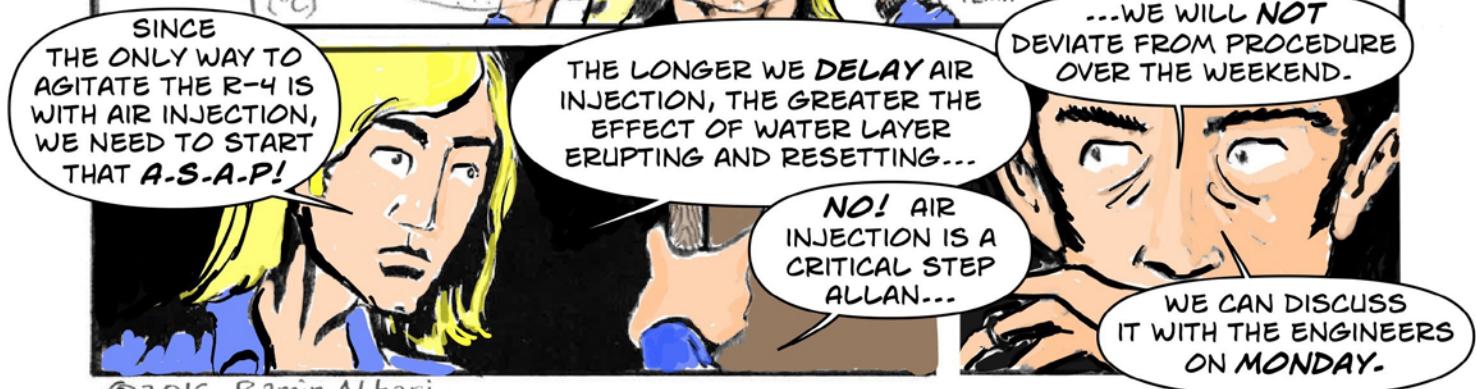
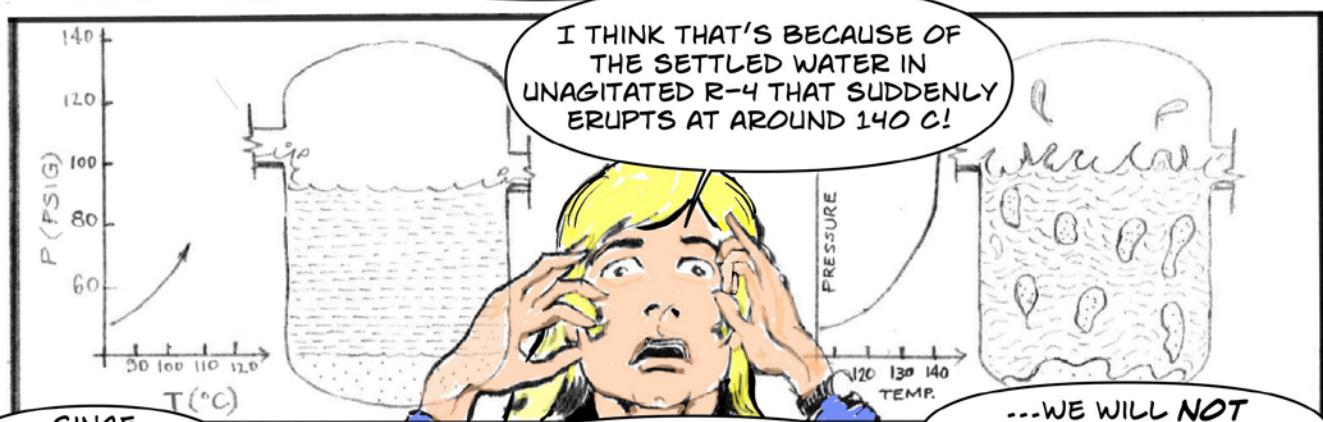
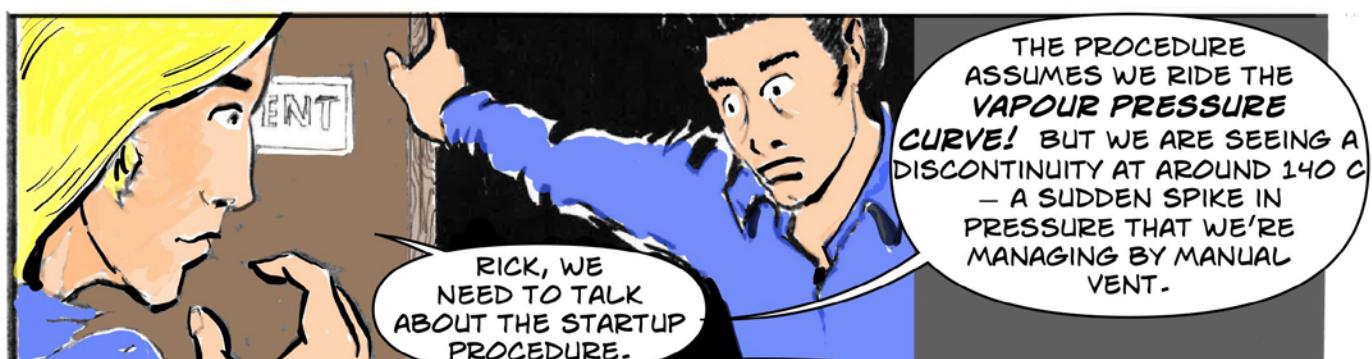
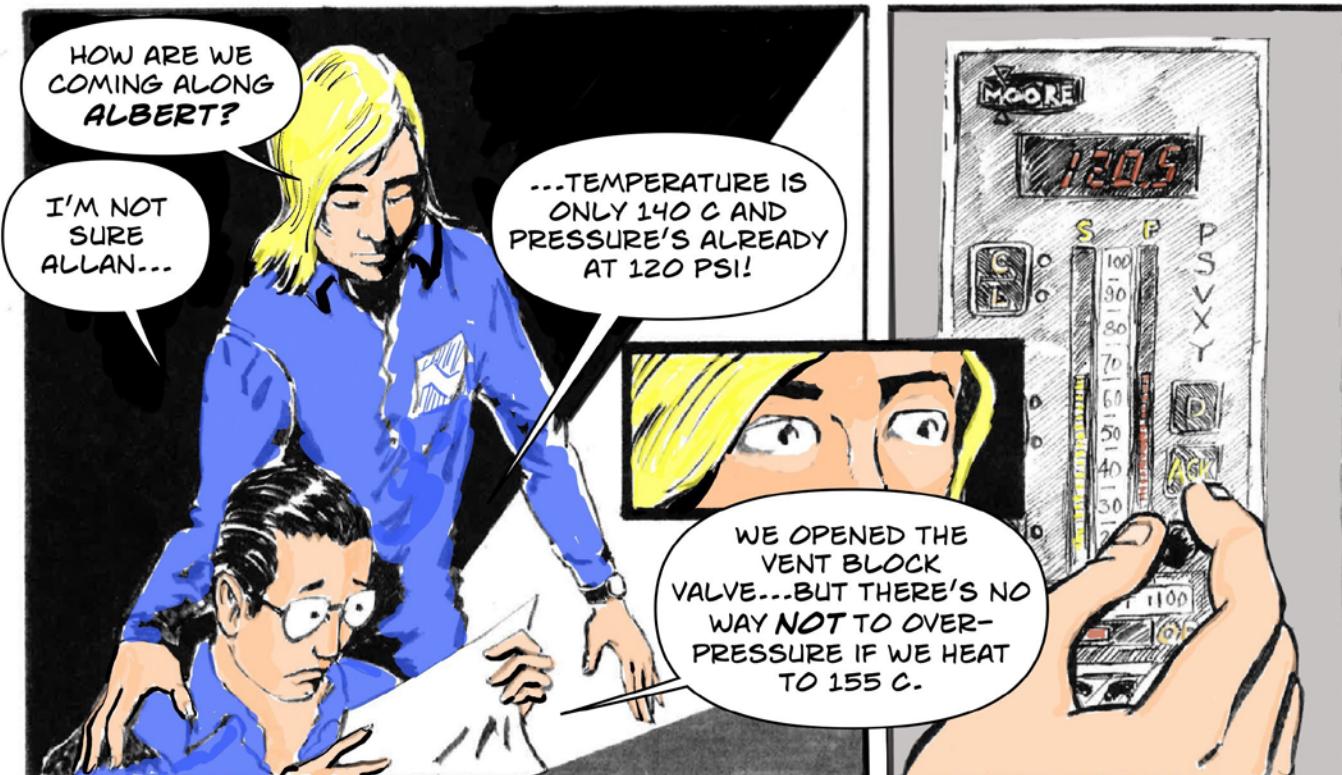
"CYCLOHEXANE VAPOUR PRESSURE INCREASES WITH TEMPERATURE. WHEN PRESSURE REACHES 120 PSI, OPEN THE PCV BLOCK-VALVE FOR AUTO-CONTROL WITH 125 PSI SET-POINT."

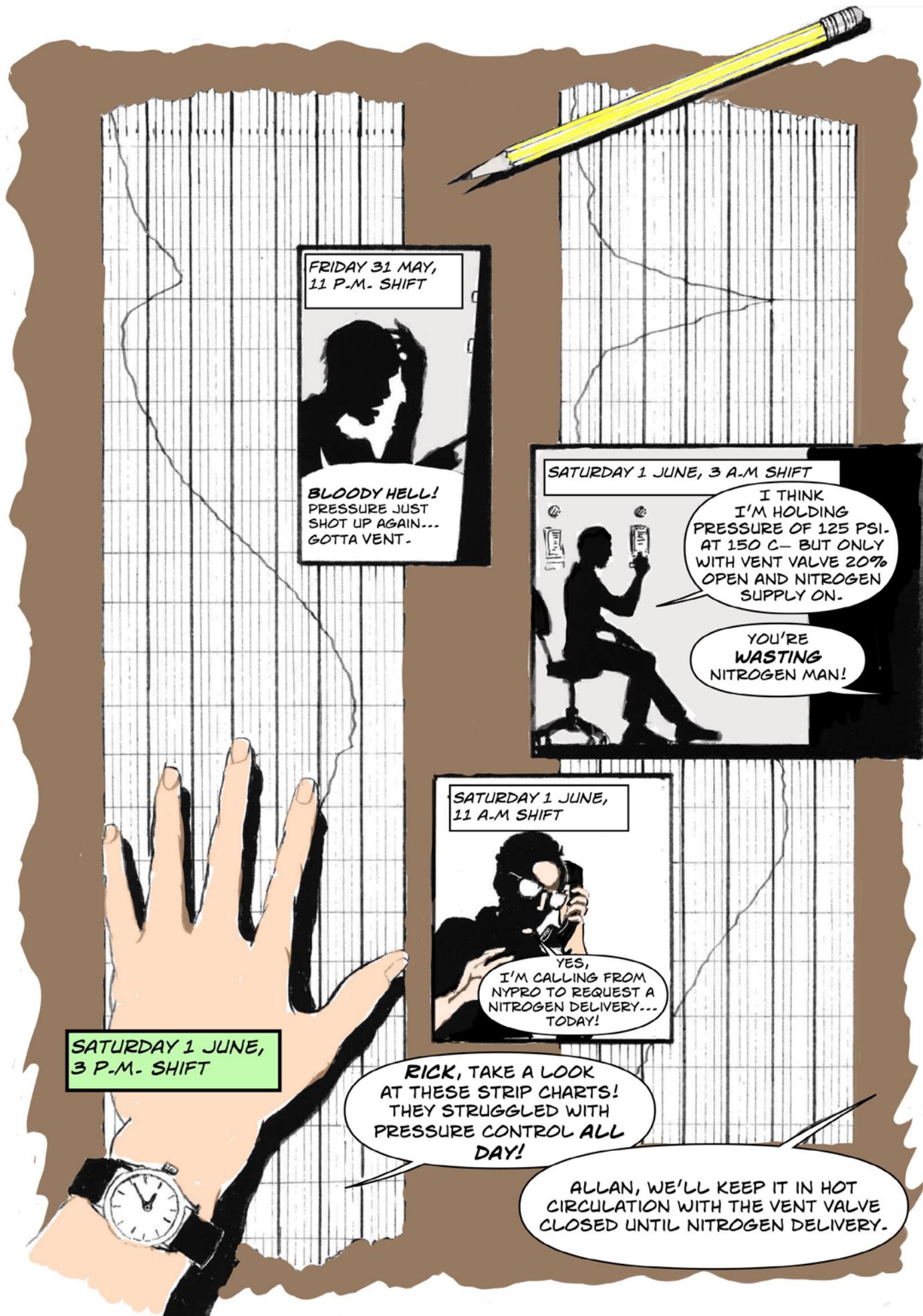
"THE TEMPERATURE CONTROL MAY BE PUT IN AUTO AT 155 C SET-POINT BY CLOSING THE BYPASS VALVE. DO THAT ANYTIME AFTER REACTORS REACH 140 C."

ONLY
AFTER REACTOR
TEMPERATURE AND PRESSURE
HAVE LINED OUT AT SET
POINTS DO WE START AIR
SUPPLY!

ANY
QUESTIONS?

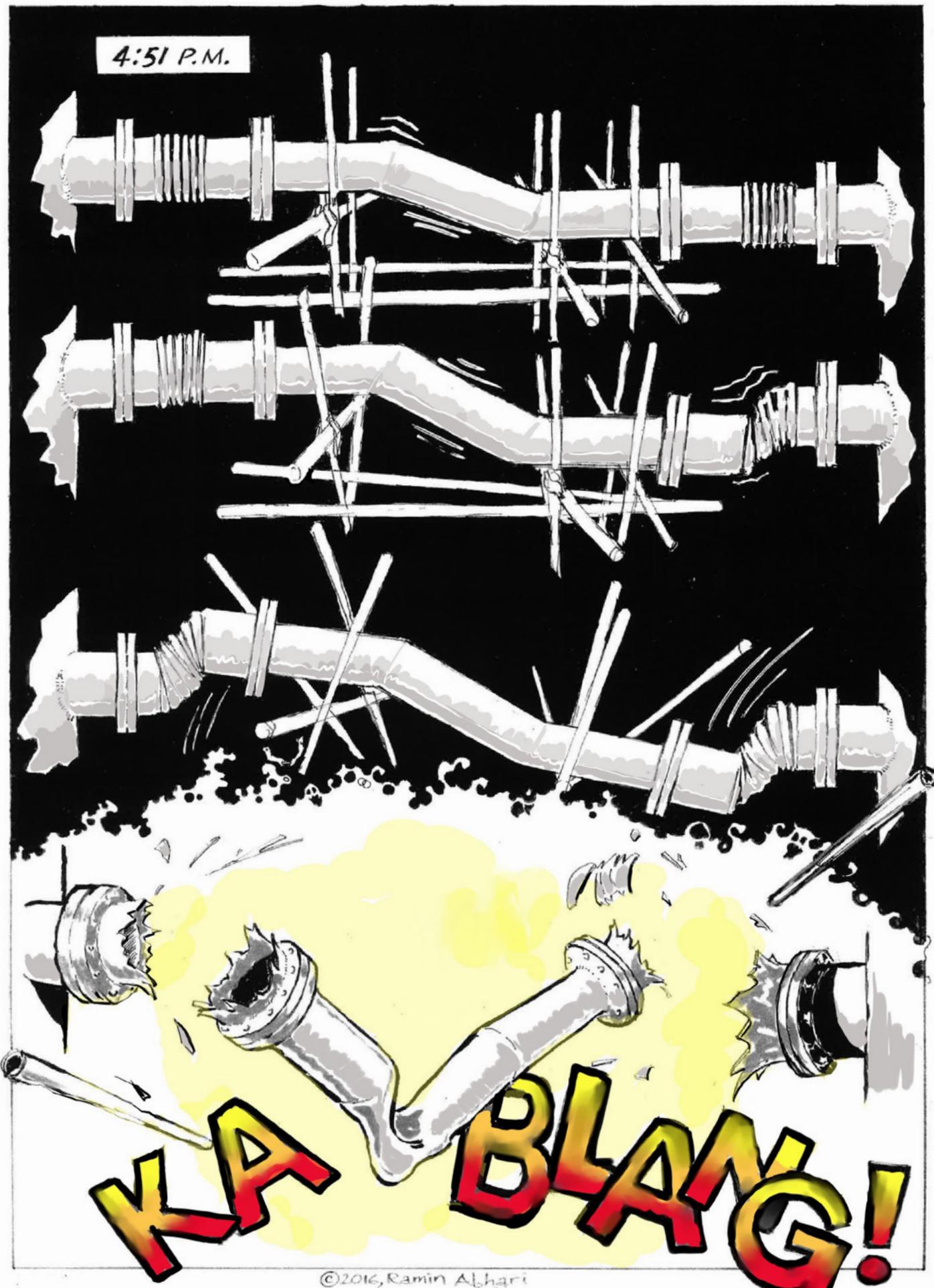
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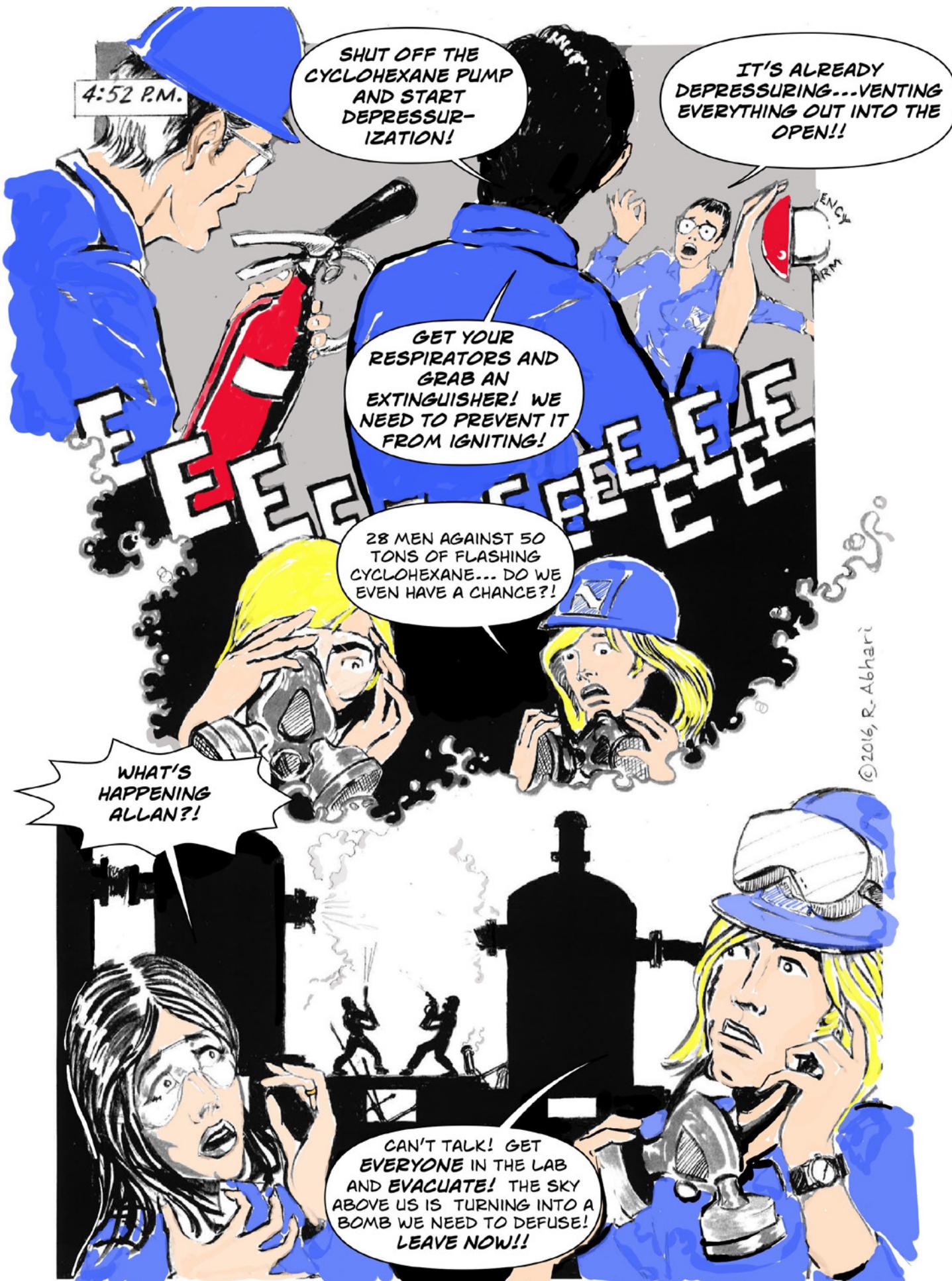
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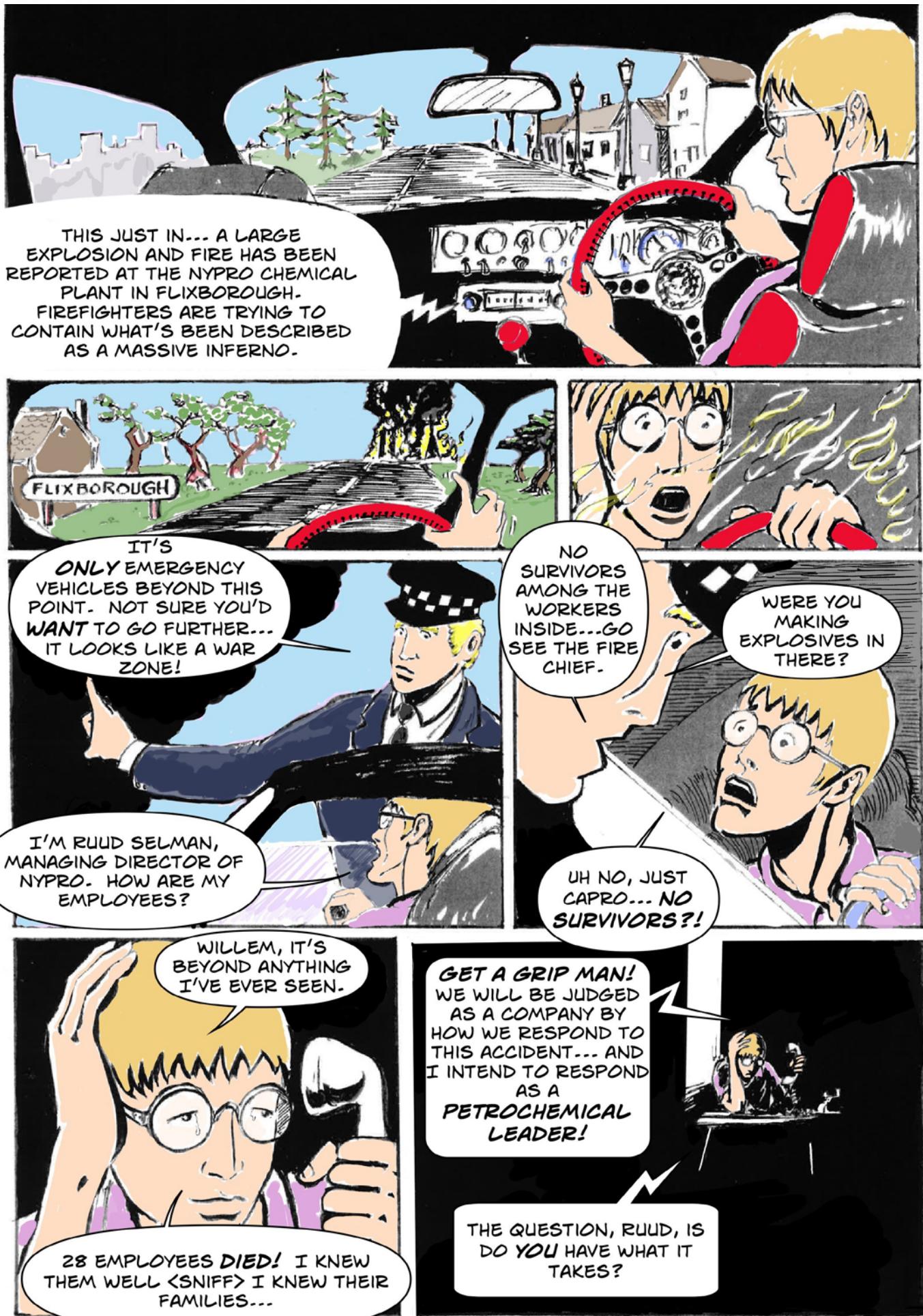
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SHEFFIELD, 3 JUNE



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EPILOGUE 28 fatalities



WAYNE BRADSHAW, 19, WAS THE YOUNGEST OF THE WORKERS KILLED BY THE BLAST. HIS FATHER **BOB** AND BROTHER **STEPHEN** ALSO WORKED AT NYPRO. WAYNE HAD JUST COMPLETED A PROCESS OPERATOR COURSE AT THE NORTH LINDSEY COLLEGE OF TECHNOLOGY.

JAMES DOHERTY, 46, CAME TO NYPRO IN MAY 1972 AFTER LEAVING HIS HOMELAND OF IRELAND BECAUSE OF THE "TROUBLES." JAMES LIVED IN SCUNTHORPE WITH HIS WIFE ZETTE AND THEIR CHILDREN, **SHARON**, **HELEN**, AND **DIANE**. HE LIKED GOLF, SEA-FISHING, AND MOTORING.



MICHAEL "NOBBY" CLARK, 26, LIVED IN SCUNTHORPE WITH HIS WIFE **PAMELA** AND THEIR SONS, **GARY** AND **JASON**. MICHAEL WAS A FORMER MEMBER OF THE ROYAL AIR FORCE. HE LIKED TO HANG OUT AT THE DESERT RAT WHERE HE FREQUENTLY ASSISTED BEHIND THE BAR.



FREDERICK WATKINSON, 33, JOINED NYPRO IN MAY 1973 AFTER LEAVING CIBA CHEMICALS. FRED AND HIS WIFE **SHEILA** HAD FOUR CHILDREN, THREE GIRLS AND A BOY, ALL UNDER EIGHT YEARS OF AGE. THE FAMILY HAD JUST MOVED TO THEIR NEW HOME THREE DAYS BEFORE THE TRAGEDY.



GRAHAM RICHARDS, 30, LIVED WITH HIS WIFE **JACKIE** AND TWO SONS, **ANDREW** AND **DAVID**. HE WAS KNOWN AMONG OTHER PROCESS OPERATORS FOR HIS QUIET AND DRY HUMOUR. GRAHAM WAS WORKING TOWARDS A DEGREE IN SOCIOLOGY AND ECONOMICS AT THE OPEN UNIVERSITY.



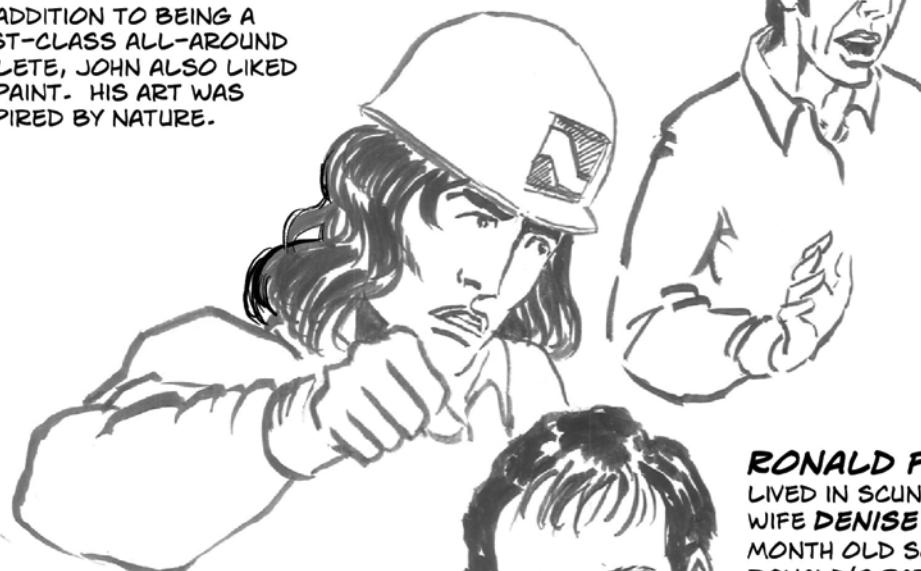
THOMAS CROOKES, 53, WORKED AT THE GUARD HOUSE. HE LEFT A WIFE, **HILDA**, AND TWO CHILDREN, **STEPHEN** AND **KAREN**. HIS DUTY COLLEAGUE THROUGHOUT HIS EMPLOYMENT WAS **HARRY HOLLAND** WHO HIMSELF SUSTAINED INJURY AND LOST HIS SON IN THE DISASTER.



GEOFFREY MARSHALL, 20, LIVED IN SCUNTHORPE. GEOFF WAS A MINE OF INFORMATION ON FOOTBALL TOPICS AND WAS FREQUENTLY CALLED TO SETTLE AN ARGUMENT. HE HIMSELF WAS A KEEN LIVERPOOL SUPPORTER AND HIS MINI WAS DECORATED IN THE COLOURS OF HIS FAVOURITE TEAM - RED AND WHITE! WHENEVER HE COULD FIND TIME HE WOULD ATTEND MATCHES.

JOHN RENDER, 20, LIVED WITH HIS PARENTS IN BURTON-ON-SATHER. HE WAS ENGAGED TO BE MARRIED TO JANE HOLMES. JOHN WAS ONE OF THE STAR PLAYERS WITH BURTON ATHLETIC FOOTBALL CLUB.

IN ADDITION TO BEING A FIRST-CLASS ALL-AROUND ATHLETE, JOHN ALSO LIKED TO PAINT. HIS ART WAS INSPIRED BY NATURE.



MICK HICKSON, 26, JOINED THE COMPANY IN 1967 AS A PROCESS CONTROL TECHNICIAN. HE MET HIS WIFE MARINA AT NYPRO. THE TWO LIVED IN FLIXBOROUGH. MICK WAS SERIOUS ABOUT ADVANCING HIS CAREER AND HAD OBTAINED TWO CONTROLS CERTIFICATES. HE WAS INTERESTED IN CAMPING AND HAD JUST BOUGHT A CARAVAN. MICK WAS AN ARDENT SUPPORTER OF LEEDS UNITED.

RONALD FORESTER, 23, LIVED IN SCUNTHORPE WITH HIS WIFE DENISE AND THEIR EIGHT MONTH OLD SON, MARC. RONALD'S PARENTS AND BROTHER HAD ALSO WORKED AT THE PLANT. RONALD AND DENISE'S SON HAD BEEN CHRISTENED THE SUNDAY BEFORE THE ACCIDENT.



EDWIN HOLLAND, 24, LIVED IN SCUNTHORPE WITH HIS WIFE SHIRLEY AND THEIR SEVEN MONTH OLD BABY DAUGHTER, NICOLA JAYNE. EDWIN HAD JUST LEFT BRITISH STEEL TO WORK FOR NYPRO. HIS FATHER, HARRY, SERVED ON THE NYPRO SECURITY STAFF AND WAS ON DUTY THE DAY EDWIN DIED.

ANTHONY FREEAR, 30, LIVED IN SCUNTHORPE WITH WIFE JOYCE AND THEIR SONS, PAUL AND RICHARD. HE WAS A SKILLED BRICK-LAYER AND WAS IN GREAT DEMAND FOR HIS CUSTOM-BUILT FIREPLACES. TONY WAS PROUD OF HIS RECORD COLLECTION AND HI-FI EQUIPMENT.



ALBERT NUTT, 51, LIVED IN GUINNESS. BEFORE JOINING NYPRO IN FEBRUARY 1973, ALBERT WAS INJURED IN AN INDUSTRIAL ACCIDENT THAT LEFT HIM HANDICAPPED. HE CAME FROM A LARGE FAMILY AND HAD FOUR SURVIVING SISTERS AND BROTHER.

KEITH WINTER, 24, LIVED IN SCUNTHORPE WITH HIS WIFE JILL. HE JOINED THE COMPANY AFTER GRADUATING FROM NEWCASTLE UNIVERSITY WITH A DEGREE IN CHEMICAL ENGINEERING.

COMIC BOOK



HARRY STARK, 44, LIVED IN SCUNTHORPE WITH HIS WIFE JESSIE AND THEIR SONS COLIN AND PAUL. THEY HAD JUST MOVED IN TO A NEW HOUSE ON BROOK DALE ROAD WHERE HARRY WAS DOING HIS OWN RENOVATION.



ALLAN LAMBERT, 25, WAS HIRED AS A CHEMIST BUT BECAME A PROCESS OPERATOR DURING THE STARTUP OF THE CYCLOHEXANE OXIDATION UNIT. HE WANTED TO ADVANCE HIS TECHNICAL CAREER AND WAS ENROLLED AT THE NORTH LINDSEY COLLEGE OF TECHNOLOGY, PURSUING A DEGREE IN CHEMISTRY.



JOHN BARRETT, 43, LIVED IN KEARNY WITH HIS WIFE LILIAN AND THEIR TWO CHILDREN. HIS HOBBY WAS WOODCARVING.



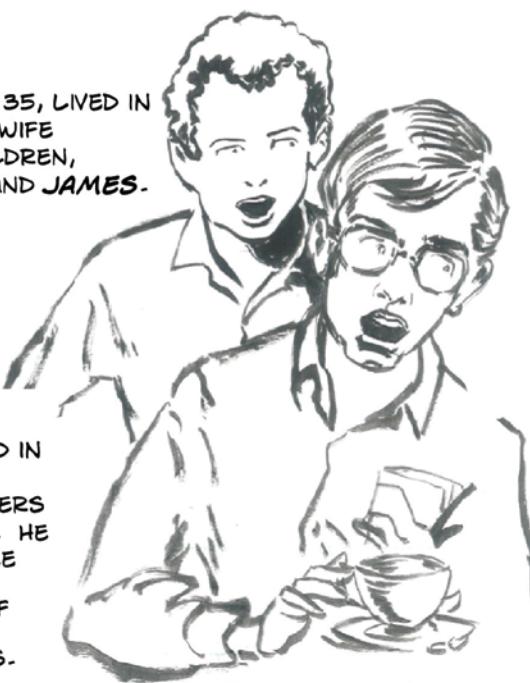
TERRY CARTER, 35, LIVED IN FLIXBOROUGH. HE JOINED NYPRO IN 1967 AND WAS PART OF THE ORIGINAL COMMISSIONING TEAM. TERRY WAS ACTIVE IN THE COMPANY SOCIAL CLUB AND ORGANIZED FISHING TRIPS.



ROLAND CRIBB, 35, LIVED IN SCUNTHORPE WITH HIS WIFE ZETA AND THEIR CHILDREN TREVOR AND DIANE. HE LIKED TO PLAY CRICKET AND WAS A DEDICATED SUPPORTER OF SCUNTHORPE UNITED FOOTBALL CLUB.

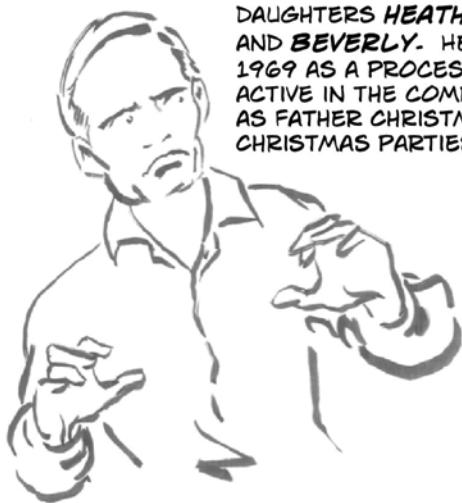
KENNETH CRAWFORD, 35, LIVED IN BOUGHTON WITH WIFE AGNES AND CHILDREN, PAUL, SUSAN, AND JAMES.

HIS HOBBIEST INCLUDED GARDENING, FISHING, AND CAR MAINTENANCE.



GEOFFREY TWIDDLE, 30, LIVED IN ASHBY WITH WIFE PAULINE AND DAUGHTERS KAREN AND ANGELA. HE LIKED READING SCIENCE FICTION AND HAD AN INTERESTING HOBBY OF MAKING ELECTRONIC MUSICAL INSTRUMENTS.

DENNIS LAWRENCE, 48, LIVED IN SCUNTHORPE WITH HIS WIFE MARGARET AND DAUGHTERS HEATHER, HILLARY, JACQUELINE, AND BEVERLY. HE JOINED NYPRO IN MARCH 1969 AS A PROCESS TECHNICIAN. DENNIS WAS ACTIVE IN THE COMPANY SOCIAL CLUB, AND ACTED AS FATHER CHRISTMAS AT THE CHILDREN'S CHRISTMAS PARTIES.



THOMAS LEIGHTON, 40, JOINED NYPRO IN JANUARY 1971 AS AN INSTRUMENT TECHNICIAN. HE LIVED IN FLIXBOROUGH WITH HIS WIFE IRENE AND CHILDREN, LINDA, DAVID, AND SUSAN. TOM'S HOBBIES INCLUDED WATCH-REPAIR AND MODEL-MAKING (AMONGST THEM SEVERAL MAGNIFICENT SHIPS.)



STANLEY GRUNDY, 48, LIVED IN BRIGGS WITH WIFE NELLIE AND CHILDREN, RUSSELL AND MARK. HE WAS LOADING A TANKER TRUCK AT THE TIME OF THE BLAST.



MICHAEL SKELTON, 27, LIVED IN FLIXBOROUGH WITH HIS WIFE LESLEY CHRISTINE. HE WAS PREVIOUSLY A BREAD SALESMAN AND WELL RESPECTED IN THE COMMUNITY.



IAN KIDNER, 37, LIVED IN SCUNTHORPE WITH WIFE MARION AND CHILDREN ADELE AND JOHN. HE CAME TO NYPRO IN JULY 1966 AFTER LEAVING THE STEEL INDUSTRY. IAN HAD SERVED IN THE ROYAL AIR FORCE AND WAS AN EXCELLENT INSTRUMENT TECHNICIAN.



STEPHEN DRURY, 27, LIVED IN BURTON-ON-SLATHER WITH WIFE SUSAN AND ONLY DAUGHTER SAMANTHA. HE JOINED NYPRO IN JUNE 1973 AS A PROCESS OPERATOR. STEVE WAS QUIET AND ENJOINED "DO-IT-YOURSELF" PROJECTS AROUND THE HOUSE.



RICK SIMPSON, 34, LIVED IN SCUNTHORPE. HE WAS DIVORCED WITH TWO CHILDREN. AT THE TIME OF THE ACCIDENT, RICK WAS ENGAGED TO MARRY VANESSA DALY. HE WAS THE SHIFT SUPERINTENDENT AND HAD ATTENDED TRAINING AT THE DSM PETROCHEMICAL COMPLEX IN GELEEN, HOLLAND.