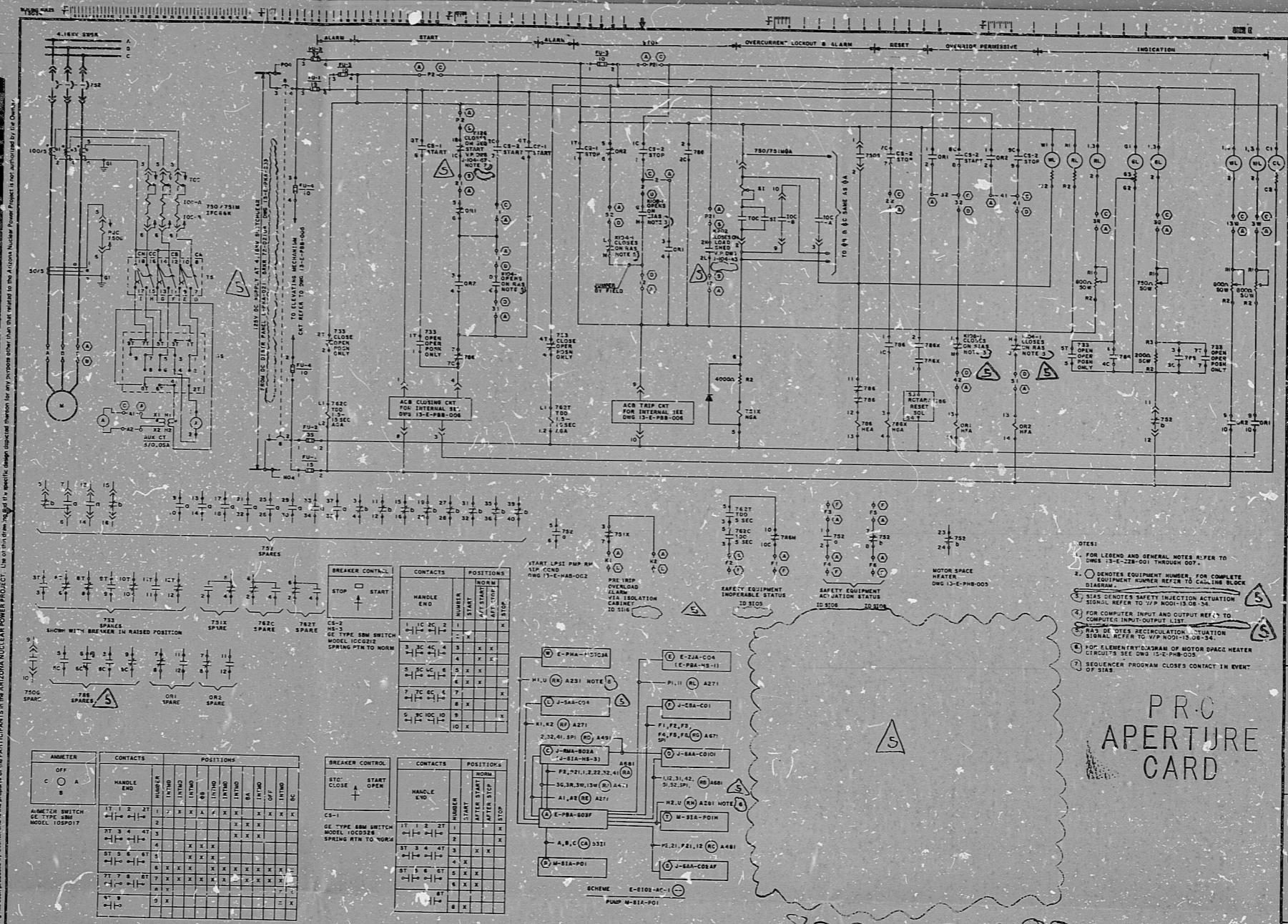


CERTIFIED DRAWING



**733 SPARE**

**732 SPARE**

**731 SPARE**

**730 SPARE**

**729 SPARE**

**728 SPARE**

**727 SPARE**

**726 SPARE**

**725 SPARE**

**724 SPARE**

**723 SPARE**

**722 SPARE**

**721 SPARE**

**720 SPARE**

**719 SPARE**

**718 SPARE**

**717 SPARE**

**716 SPARE**

**715 SPARE**

**714 SPARE**

**713 SPARE**

**712 SPARE**

**711 SPARE**

**710 SPARE**

**709 SPARE**

**708 SPARE**

**707 SPARE**

**706 SPARE**

**705 SPARE**

**704 SPARE**

**703 SPARE**

**702 SPARE**

**701 SPARE**

**700 SPARE**

**699 SPARE**

**698 SPARE**

**697 SPARE**

**696 SPARE**

**695 SPARE**

**694 SPARE**

**693 SPARE**

**692 SPARE**

**691 SPARE**

**690 SPARE**

**689 SPARE**

**688 SPARE**

**687 SPARE**

**686 SPARE**

**685 SPARE**

**684 SPARE**

**683 SPARE**

**682 SPARE**

**681 SPARE**

**680 SPARE**

**679 SPARE**

**678 SPARE**

**677 SPARE**

**676 SPARE**

**675 SPARE**

**674 SPARE**

**673 SPARE**

**672 SPARE**

**671 SPARE**

**670 SPARE**

**669 SPARE**

**668 SPARE**

**667 SPARE**

**666 SPARE**

**665 SPARE**

**664 SPARE**

**663 SPARE**

**662 SPARE**

**661 SPARE**

**660 SPARE**

**659 SPARE**

**658 SPARE**

**657 SPARE**

**656 SPARE**

**655 SPARE**

**654 SPARE**

**653 SPARE**

**652 SPARE**

**651 SPARE**

**650 SPARE**

**649 SPARE**

**648 SPARE**

**647 SPARE**

**646 SPARE**

**645 SPARE**

**644 SPARE**

**643 SPARE**

**642 SPARE**

**641 SPARE**

**640 SPARE**

**639 SPARE**

**638 SPARE**

**637 SPARE**

**636 SPARE**

**635 SPARE**

**634 SPARE**

**633 SPARE**

**632 SPARE**

**631 SPARE**

**630 SPARE**

**629 SPARE**

**628 SPARE**

**627 SPARE**

**626 SPARE**

**625 SPARE**

**624 SPARE**

**623 SPARE**

**622 SPARE**

**621 SPARE**

**620 SPARE**

**619 SPARE**

**618 SPARE**

**617 SPARE**

**616 SPARE**

**615 SPARE**

**614 SPARE**

**613 SPARE**

**612 SPARE**

**611 SPARE**

**610 SPARE**

**609 SPARE**

**608 SPARE**

**607 SPARE**

**606 SPARE**

**605 SPARE**

**604 SPARE**

**603 SPARE**

**602 SPARE**

**601 SPARE**

**600 SPARE**

**599 SPARE**

**598 SPARE**

**597 SPARE**

**596 SPARE**

**595 SPARE**

**594 SPARE**

**593 SPARE**

**592 SPARE**

**591 SPARE**

**590 SPARE**

**589 SPARE**

**588 SPARE**

**587 SPARE**

**586 SPARE**

**585 SPARE**

**584 SPARE**

**583 SPARE**

**582 SPARE**

**581 SPARE**

**580 SPARE**

**579 SPARE**

**578 SPARE**

**577 SPARE**

**576 SPARE**

**575 SPARE**

**574 SPARE**

**573 SPARE**

**572 SPARE**

**571 SPARE**

**570 SPARE**

**569 SPARE**

**568 SPARE**

**567 SPARE**

**566 SPARE**

**565 SPARE**

**564 SPARE**

**563 SPARE**

**562 SPARE**

**561 SPARE**

**560 SPARE**

**559 SPARE**

**558 SPARE**

**557 SPARE**

**556 SPARE**

**555 SPARE**

**554 SPARE**

**553 SPARE**

**552 SPARE**

**551 SPARE**

**550 SPARE**

**549 SPARE**

**548 SPARE**

**547 SPARE**

**546 SPARE**

**545 SPARE**

**544 SPARE**

**543 SPARE**

**542 SPARE**

**541 SPARE**

**540 SPARE**

**539 SPARE**

**538 SPARE**

**537 SPARE**

**536 SPARE**

**535 SPARE**

**534 SPARE**

**533 SPARE**

**532 SPARE**

**531 SPARE**

**530 SPARE**

**529 SPARE**

**528 SPARE**

**527 SPARE**

**526 SPARE**

**525 SPARE**

**524 SPARE**

**523 SPARE**

**522 SPARE**

**521 SPARE**

**520 SPARE**

**519 SPARE**

**518 SPARE**

**517 SPARE**

**516 SPARE**

**515 SPARE**

**514 SPARE**

**513 SPARE**

**512 SPARE**

**511 SPARE**

**510 SPARE**

**509 SPARE**

**508 SPARE**

**507 SPARE**

**506 SPARE**

**505 SPARE**

**504 SPARE**

**503 SPARE**

**502 SPARE**

**501 SPARE**

**500 SPARE**

**499 SPARE**

**498 SPARE**

**497 SPARE**

**496 SPARE**

**495 SPARE**

**494 SPARE**

**493 SPARE**

**492 SPARE**

**491 SPARE**

**490 SPARE**

**489 SPARE**

**488 SPARE**

**487 SPARE**

**486 SPARE**

**485 SPARE**

**484 SPARE**

**483 SPARE**

**482 SPARE**

**481 SPARE**

**480 SPARE**

**479 SPARE**

**478 SPARE**

**477 SPARE**

**476 SPARE**

**475 SPARE**

**474 SPARE**

**473 SPARE**

**472 SPARE**

**471 SPARE**

**470 SPARE**

**469 SPARE**

**468 SPARE**

**467 SPARE**

**466 SPARE**

**465 SPARE**

**464 SPARE**

**463 SPARE**

**462 SPARE**

**461 SPARE**

**460 SPARE**

**459 SPARE**

**458 SPARE**

**457 SPARE**

**456 SPARE**

**455 SPARE**

**454 SPARE**

**453 SPARE**

**452 SPARE**

**451 SPARE**

**450 SPARE**

**449 SPARE**

**448 SPARE**

**447 SPARE**

**446 SPARE**

**445 SPARE**

**444 SPARE**

**443 SPARE**

**442 SPARE**

**441 SPARE**

**440 SPARE**

**439 SPARE**

**438 SPARE**

**437 SPARE**

**436 SPARE**

**435 SPARE**

**434 SPARE**

**433 SPARE**

**432 SPARE**

**431 SPARE**

**430 SPARE**

**429 SPARE**

**428 SPARE**

**427 SPARE**

**426 SPARE**

**425 SPARE**

**424 SPARE**

**423 SPARE**

**422 SPARE**

**421 SPARE**

**420 SPARE**

**419 SPARE**

**418 SPARE**

**417 SPARE**

**416 SPARE**

**415 SPARE**

**414 SPARE**

**413 SPARE**

**412 SPARE**

**411 SPARE**

**410 SPARE**

**409 SPARE**

**408 SPARE**

**407 SPARE**

**406 SPARE**

**405 SPARE**

**404 SPARE**

**403 SPARE**

**402 SPARE**

**401 SPARE**

**400 SPARE**

**399 SPARE**

**398 SPARE**

**397 SPARE**

**396 SPARE**

**395 SPARE**

**394 SPARE**

**393 SPARE**

**392 SPARE**

**391 SPARE**

**390 SPARE**

**389 SPARE**

**388 SPARE**

**387 SPARE**

**386 SPARE**

**385 SPARE**

**384 SPARE**

**383 SPARE**

**382 SPARE**

**381 SPARE**

**380 SPARE**

**379 SPARE**

**378 SPARE**

**377 SPARE**

**376 SPARE**

**375 SPARE**

**374 SPARE**

**373 SPARE**

**372 SPARE**

**371 SPARE**

**370 SPARE**

**369 SPARE**

**368 SPARE**

**367 SPARE**

**366 SPARE**

**365 SPARE**

**364 SPARE**

**363 SPARE**

**362 SPARE**

**361 SPARE**

**360 SPARE**

**359 SPARE**

**358 SPARE**

**357 SPARE**

**356 SPARE**

**355 SPARE**

**354 SPARE**

**353 SPARE**

**352 SPARE**

**351 SPARE**

**350 SPARE**

**349 SPARE**

**348 SPARE**

**347 SPARE**

**346 SPARE**

**345 SPARE**

**344 SPARE**

**343 SPARE**

**342 SPARE**

**341 SPARE**

**340 SPARE**

**339 SPARE**

**338 SPARE**

**337 SPARE**

**336 SPARE**

**335 SPARE**

**334 SPARE**

**333 SPARE**

**332 SPARE**

**331 SPARE**

**330 SPARE**

**329 SPARE**

**328 SPARE**

**327 SPARE**

**326 SPARE**

**325 SPARE**

**324 SPARE**

**323 SPARE**

**322 SPARE**

**321 SPARE**

**320 SPARE**

**319 SPARE**

**318 SPARE**

**317 SPARE**

**316 SPARE**

**315 SPARE**

**314 SPARE**

**313 SPARE**

**312 SPARE**

**311 SPARE**

**310 SPARE**

**309 SPARE**

**308 SPARE**

**307 SPARE**

**306 SPARE**

**305 SPARE**

**304 SPARE**

**303 SPARE**

**302 SPARE**

**301 SPARE**

**300 SPARE**

**299 SPARE**

**298 SPARE**

**297 SPARE**

**296 SPARE**

**295 SPARE**

**294 SPARE**

**293 SPARE**

**292 SPARE**

**291 SPARE**

**290 SPARE**

**289 SPARE**

**288 SPARE**

**287 SPARE**

**286 SPARE**

**285 SPARE**

**284 SPARE**

**283 SPARE**

**282 SPARE**

**281 SPARE**

**280 SPARE**

**279 SPARE**

**278 SPARE**

**277 SPARE**

**276 SPARE**

**275 SPARE**

**274 SPARE**

**273 SPARE**

**272 SPARE**

**271 SPARE**

**270 SPARE**

**269 SPARE**

**268 SPARE**

**267 SPARE**

**266 SPARE**

**265 SPARE**

**264 SPARE**

**263 SPARE**

**262 SPARE**

**261 SPARE**

**260 SPARE**

**259 SPARE**

**258 SPARE**

**257 SPARE**

**256 SPARE**

**255 SPARE**

**254 SPARE**

**253 SPARE**

**252 SPARE**

**251 SPARE**

**250 SPARE**

**249 SPARE**

**248 SPARE**

**247 SPARE**

**246 SPARE**

**245 SPARE**

**244 SPARE**

**243 SPARE**

**242 SPARE**

**241 SPARE**

**240 SPARE**

**239 SPARE**

**238 SPARE**

**237 SPARE**

**236 SPARE**

**235 SPARE**

**234 SPARE**

**233 SPARE**

**232 SPARE**

**231 SPARE**

**230 SPARE**

**229 SPARE**

**228 SPARE**

**227 SPARE**

**226 SPARE**

**225 SPARE**

**224 SPARE**

**223 SPARE**

**222 SPARE**

**221 SPARE**

**220 SPARE**

**219 SPARE**

**218 SPARE**

**217 SPARE**

**216 SPARE**

**215 SPARE**

**214 SPARE**

**213 SPARE**

**212 SPARE**

**211 SPARE**

**210 SPARE**

**209 SPARE**

**208 SPARE**

**207 SPARE**

**206 SPARE**

**205 SPARE**

**204 SPARE**

**203 SPARE**

**202 SPARE**

**201 SPARE**

**200 SPARE**

**199 SPARE**

**198 SPARE**

**197 SPARE**

**196 SPARE**

**195 SPARE**

**194 SPARE**

**193 SPARE**

**192 SPARE**

**191 SPARE**

**190 SPARE**

**189 SPARE**

**188 SPARE**

**187 SPARE**

**186 SPARE**

**185 SPARE**

**184 SPARE**

**183 SPARE**

**182 SPARE**

**181 SPARE**

**180 SPARE**

**179 SPARE**

**178 SPARE**

**177 SPARE**

**176 SPARE**

**175 SPARE**

**174 SPARE**

**173 SPARE**

**172 SPARE**

**171 SPARE**

**170 SPARE**

**169 SPARE**

**168 SPARE**

**167 SPARE**

**166 SPARE**

**165 SPARE**

**164 SPARE**

**163 SPARE**

**162 SPARE**

**161 SPARE**

**160 SPARE**

**159 SPARE**

**158 SPARE**

**157 SPARE**

**156 SPARE**

**155 SPARE**

**154 SPARE**

**153 SPARE**

**152 SPARE**

**151 SPARE**

**150 SPARE**

**149 SPARE**

**148 SPARE**

**147 SPARE**

**146 SPARE**

**145 SPARE**

**144 SPARE**

**143 SPARE**

**142 SPARE**

**141 SPARE**

**140 SPARE**

**139 SPARE**

**138 SPARE**

**137 SPARE**

**136 SPARE**

**135 SPARE**

**134 SPARE**

**133 SPARE**

**132 SPARE**

**131 SPARE**

**130 SPARE**

**129 SPARE**

**128 SPARE**

**127 SPARE**

**126 SPARE**

**125 SPARE**

**124 SPARE**

**123 SPARE**

**122 SPARE**

**121 SPARE**

**120 SPARE**

**119 SPARE**

**118 SPARE**

**117 SPARE**

**116 SPARE**

**115 SPARE**

**114 SPARE**

**113 SPARE**

**112 SPARE**

**111 SPARE**

**110 SPARE**

**109 SPARE**

**108 SPARE**

**107 SPARE**

**106 SPARE**

**105 SPARE**

**104 SPARE**

**103 SPARE**

**102 SPARE**

**101 SPARE**

**100 SPARE**

**99 SPARE**

**98 SPARE**

**97 SPARE**

**96 SPARE**

**95 SPARE**

**94 SPARE**

**93 SPARE**

**92 SPARE**

**91 SPARE**

**90 SPARE**

**89 SPARE**

**88 SPARE**

**87 SPARE**

**86 SPARE**

**85 SPARE**

**84 SPARE**

**83 SPARE**

**82 SPARE**

**81 SPARE**

**80 SPARE**

**79 SPARE**

**78 SPARE**

**77 SPARE**

**76 SPARE**

**75 SPARE**

**74 SPARE**

**73 SPARE**

**72 SPARE**

**71 SPARE**

**70 SPARE**

**69 SPARE**

**68 SPARE**

**67 SPARE**

**66 SPARE**

**65 SPARE**

**64 SPARE**

**63 SPARE**

**62 SPARE**

**61 SPARE**

**60 SPARE**

**59 SPARE**

**58 SPARE**

**57 SPARE**

**56 SPARE**

**55 SPARE**

**54 SPARE**

**53 SPARE**

**52 SPARE**

**51 SPARE**

**50 SPARE**

**49 SPARE**

**48 SPARE**

**47 SPARE**

**46 SPARE**

**45 SPARE**

**44 SPARE**

**43 SPARE**

**42 SPARE**

**41 SPARE**

**40 SPARE**

**39 SPARE**

**38 SPARE**

**37 SPARE**

**36 SPARE**

**35 SPARE**

**34 SPARE**

**33 SPARE**

**32 SPARE**

**31 SPARE**

**30 SPARE**

**29 SPARE**

**28 SPARE**

**27 SPARE**

**26 SPARE**

**25 SPARE**

**24 SPARE**

**23 SPARE**

**22 SPARE**

**21 SPARE**

**20 SPARE**

**19 SPARE**

**18 SPARE**

**17 SPARE**

**16 SPARE**

**15 SPARE**

**14 SPARE**

**13 SPARE**

**12 SPARE**

**11 SPARE**

**10 SPARE**

**9 SPARE**

**8 SPARE**

**7 SPARE**

**6 SPARE**

**5 SPARE**

**4 SPARE**

**3 SPARE**

**2 SPARE**

**1 SPARE**

**0 SPARE**

- NOTES:
- FOR LEGEND AND GENERAL NOTES REFER TO DWG 13-E-228-001 THROUGH 007.
  - IDENTIFY EQUIPMENT NUMBER, FOR COMPLETE DIAGRAM NUMBER REFER TO CALLING BLOCK.
  - STATUS INDICATOR SAFETY INJECTION ACTIVATION SIGNAL REFER TO 7/P 0001-13-08-34.
  - FOR COMPUTER INPUT AND OUTPUT REFER TO COMPUTER INPUT/OUTPUT LINE.
  - STATUS OF OTHER RECTIFICATION QUANTON SIGNAL REFER TO 7/P 0001-13-08-34.
  - FOR ELEMENTARY DIAGRAM OF MOTOR SPACE HEATER CIRCUIT SEE DWG 13-E-228-001.
  - SEQUENCE PROGRAM CLOSES CONTACT IN EVENT OF SIA.

PRC APERTURE CARD

830 1250288

NO.	DESCRIPTION	DATE	BY	CHKD	APP'D	REV
1	ISSUED FOR CONSTRUCTION	10/15/78	...	...	...	1
2	...	...	...	...	...	2
3	...	...	...	...	...	3
4	...	...	...	...	...	4
5	...	...	...	...	...	5

NUCLEAR SAFETY RELATED

**BECHTEL**  
LOS ANGELES

ARIZONA NUCLEAR POWER PROJECT  
PALO VALDE NUCLEAR  
GENERATING STATION

ELEMENTARY DIAGRAM  
SAFETY INJECTION & SHUTDOWN CLOSURE  
LP SAFETY INJECTION PUMP  
M-STA-POI

DATE: 10/15/78

DWG NO: 13-E-228-002

REV: 5

RIDS

8301250288

