

**Interview with Gary Goetsch, PSC supervisor over tendon detensioning  
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- What was done and sequence? –
  - De-tensioned 2 vertical top center – night shift performed per plan
  - Absolutely no sequence for the plasma cuts
  - He had asked Mr. Peters (Bechtel) when came on job what sequence to be used – was told no sequence per plan, any sequence was ok to cut
  - Started plasma cutting with 3 crews – 1 on vertical, 1 on B2-4, 1 on B3-5
- What was observed or noted?
  - Was very smooth cut – by that means that are relieving 1.2-1.4 million lbs. each. The cuts and self-relieving very smooth, because shims still in place/tight behind grease cans so unloaded evenly – if not, they would have slipped out.
  - When asked if some tendons did not self-relieve as cutting, he said he didn't recall or know – did not have machine cut effect or wouldn't still have shims tight
  - When asked what he normally sees, he indicated could be either way, i.e., start cutting and subsequent tendons self-relieve as pick up more load, or some don't and cut. Either way can be smooth
- How many jobs like this has he done and what was similar or different in other experiences?
  - This is 11<sup>th</sup> SGR job
  - This is the first and only one where did this way – no sequence to cutting and not de-tensioning some tendons outside the cut area before cutting concrete
  - Usually, cut within the opening per specified sequence – e.g., cut one, skip two, cut one, skip two, go up and then alternate back down
  - Then after all done in the opening, detension around the opening, e.g., 5 -10 on either side and above/below, before cut containment
  - Knew (the CR-3 plan) was a bad idea
  - S&L did some model that said would take the load
  - He was told the reason for doing this way at CR-3 was to maintain the use of the polar crane
  - His concern would be stress loads around concrete
- What was duration of cutting activity?
  - Cut from one end of platform, pull tendon out other; then start on next. Except for verticals, no platform changes. Cut straight across
  - Roughly 1 to 2 tendons per shift, roughly 4 days to complete – finished around 10/1 (coiled), last cut on 9/30
- Some reports that others detension in opening before cut – how does that match with your experience?
  - Have to cut under tension if plasma cut. Otherwise would relax... would have to probably grind, would take days and days to cut. Just from schedule standpoint would not do
  - Others plasma cut under tension