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4 UNITED STATES DISTRICT COURT
5 NORTHERN DISTRICT OF CALIFORNIA
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7 Case No. 18-cv-01078-KAW

8 MARY TOLLIVER, et al.,
9 Plaintiffs,
10 v.
11 ILLINOIS TOOL WORKS INC.,
12 Defendant.

**ORDER GRANTING IN PART AND
DENYING IN PART MOTION TO
STRIKE; GRANTING IN PART AND
DENYING IN PART MOTION FOR
SUMMARY JUDGMENT**

Re: Dkt. Nos. 58, 59

United States District Court
Northern District of California

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14 Plaintiffs filed the instant case¹ against Defendant Illinois Tool Works Inc., asserting
15 product liability and negligence claims with respect to the death of Johnny Tolliver, Sr. (See First
16 Amended Compl. (“FAC”) ¶ 1, Dkt. No. 30.) Pending before the Court are Defendant’s motion
17 for summary judgment and motion to strike Plaintiffs’ expert opinions. (Def.’s MSJx, Dkt. No.
18 58; Def.’s Mot. to Strike, Dkt. No. 59.)

19 Having considered the parties’ filings, the relevant legal authority, and the arguments made
20 at the November 21, 2019 hearing, the Court GRANTS IN PART and DENIES IN PART
21 Defendant’s motion to strike, and GRANTS IN PART AND DENIES IN PART Defendant’s
22 motion for summary judgment.

23 **I. BACKGROUND**

24 **A. The Fatal Accident**

25 Decedent was a Solid Waste Truck Driver, employed by the City of Berkeley’s Public
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28 ¹ Plaintiffs originally filed two separate cases in Alameda County Superior Court. (See Dkt. No. 24.) After both cases were removed to federal court, the parties stipulated to the consolidation of the matters. (Id.)

1 Works Zero Waste Division since January 20, 1991. (Westfall Decl. ISO Def.’s MSJx, Exh. 2
2 (“Berkeley Accident Report”) at 6, Dkt. No. 58-1.) Decedent held a Class B commercial vehicle
3 driver’s license with restriction limited to vehicles with automatic transmission. (Id.)

4 On January 11, 2016, Decedent was assigned Vehicle #350, a 1994 Crane Carrier
5 Company rear-loading vehicle (“Subject Truck”). (Berkeley Accident Report at 9; FAC ¶ 11.)
6 Decedent and his helper, Andres Herrera, were assigned Garbage Route Area B (“GRB”), a bid
7 route that Decedent had held for at least three years. (Westfall Decl. ISO Def.’s MSJx, Exh. 1
8 (“Carr Dep.”) at 85:3-86:13; see also FAC ¶ 10.)

9 Decedent parked the Subject Vehicle on Parnassus Road in Berkeley, California.
10 (Berkeley Accident Report at 5; FAC ¶ 13.) Parnassus Road is a residential street with an
11 approximate 5% north/west decline. (Berkeley Accident Report at 5.) The Subject Vehicle was
12 parked for at least one minute when Mr. Herrera heard an unusual hissing sound. (Berkeley
13 Accident Report at 7; Westfall Decl. ISO Def.’s MSJx, Exh. 5 (“CHP Report”) at 22; Westfall
14 Decl. ISO Def.’s MSJx, Exh. 6 (“BPD Report”) at 7.) The Subject Vehicle then began moving
15 forward and downhill. (Berkeley Accident Report at 5.) The Subject Vehicle proceeded down the
16 street for approximately 75 feet, contacting small trees and bushes. (Id. at 2, 5.) The Subject
17 Vehicle ultimately entered into the upper front yard of 90 Parnassus Road, going over a retaining
18 wall approximately three feet high into the lower yard before it stopped. (Id. at 5.)

19 While the Subject Vehicle was rolling downward, Decedent and Mr. Herrera attempted to
20 stop the Subject Vehicle. (Berkeley Accident Report at 5, 7.) Decedent was on the driver’s side
21 when he suffered fatal blunt force injuries, possibly when the truck crushed him against a utility
22 pole or tree. (Id. at 2; BPD Report at 8, 13.) Responding Berkeley Police Department (“BPD”)
23 photos showed the transmission gear shift was in third gear. (Berkeley Accident Report at 10.)
24 The neutral interlock switch was activated in the “on” position, and the air pressure gauge
25 indicated between 55 and 60 psi. (Id. at 9; see also Westfall Decl. ISO Def.’s Mot. to Strike, Exh.
26 8 (“Granda Report”) at 47.)²

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28 ² The parking brake was engaged, although Defendant contends the parking brake was engaged
when a neighbor turned off the Subject Vehicle’s ignition, automatically triggering the parking

1 Following the accident, the California Highway Patrol (“CHP”) performed a mechanical
2 inspection of the Subject Vehicle. (CHP Report at 22.) The inspection “did not reveal any
3 evidence of pre-existing mechanical conditions or failures of the air powered brake system,
4 transmission shifter or other mechanical systems that would have affected its safe operation upon
5 the highway.” (Id.) The CHP detected a “minor air leak . . . at the adjustable air pressure regulator
6 inside of the cab,” but determined the leak was “not . . . a contributing factor of this collision”
7 because “[w]hen checked, the air compressor maintained adequate air pressure in the reservoirs
8 while engaged.” (Id.) The CHP ultimately could not determine what caused the Subject Vehicle
9 to roll downhill. (Id.) The CHP found, however, that the transmission shifter was in the third
10 gear, and that “[t]his condition would mandate that a driver be present in one of the driver
11 positions to apply the service or parking/emergency brakes. Without a driver present inside of [the
12 Subject Vehicle, the Subject Vehicle] would be powered under engine torque causing it to propel
13 forward, especially with the descending hill [the Subject Vehicle] was on.” (Id.) Similarly, the
14 City of Berkeley examined the mechanical systems and “found that the neutral interlock system
15 and all other brake system components were functioning properly prior to the accident.”
16 (Berkeley Accident Report at 10.)

17 **B. The Neutral Interlock Control System**

18 The Subject Vehicle is equipped with two distinct braking systems: the service or “air
19 brake” system and a mechanical parking brake system. (Westfall Decl. ISO Def.’s MSJx, Exh. 8
20 (“Carpenter Dep.”) at 53:24-56:3.) The air brakes use air pressure to apply the brakes, and is
21 engaged by stepping on the foot pedal. (Carpenter Dep. at 54:3-11, 55:18-23; Westfall Decl. ISO
22 Def.’s MSJx, Exh. 9 (“Ivie Dep.”) at 158:6-9.) The parking brake is engaged by pulling up a
23 yellow knob on the dashboard. (Ivie Dep. at 158:10-15.)

24 The Subject Vehicle also has a Neutral Interlock Control System (“NICS”), “a safety
25 system that automates multiple functions of the truck to make it more user friendly”

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27 brake. (See Def.’s MSJx at 3; Berkeley Accident Report at 7, 9.) Defendant’s citations do not
28 attribute the parking brake being engaged to the neighbor turning off the ignition. In any case, the
Berkeley investigation ultimately found – and Plaintiffs do not dispute – that the parking brake
was not engaged when the Subject Vehicle began to roll. (Berkeley Accident Report at 11.)

1 (Carpenter Dep. at 44:22-4.) The NICS is armed or activated when the NICS “rocker switch” is
2 put on the “on” position. (Carpenter Decl. at 65:7-12.) The NICS is engaged by placing the
3 truck’s transmission gearshift level into the neutral position; it cannot be engaged if the truck’s
4 transmission is in third gear. (Carpenter Decl. at 66:25-67:21, 68:17-23.)

5 When activated and engaged, the NICS applies the service brake to all of the wheels.
6 (Carpenter Dep. at 65:13-17.) The NICS must be used to collect garbage. (Carpenter Dep. at
7 65:18-21 (“Q: Does someone who operates the subject truck have to use the neutral interlock to
8 collect garbage? A: As the truck is currently set up, yes.”); see also *id.* at 66:8-24.) The NICS can
9 be engaged at the same time as the parking brake. (Carpenter Dep. at 64:5-9.) If the NICS itself
10 loses pressure at 60 psi, it will apply the parking brakes. (Carpenter Dep. at 58:2-4, 58:22-59:14.)

11 **C. Expert Opinions**

12 In support of their claims for product liability and negligence, Plaintiffs present reports
13 from three experts: Jose J. Granda, Paul Herbert, and Kenneth Nemire. Dr. Granda, a professor of
14 mechanical engineering, opines that as Decedent and Mr. Herrera collected garbage from nearby
15 homes, the Subject Vehicle’s NICS was activated and engaged, which would have applied the
16 service brake. (Granda Report at 8.) The Subject Vehicle then experienced a loss of pressure, as
17 evidenced by the unusual hissing sound that Mr. Herrera reported. (*Id.* at 6.) The pressure on the
18 service brake (or air brakes) went from 100-120 psi to 55 psi; “this sudden loss of pressure on the
19 service brake side while under the control of the [NICS] diminished the friction forces that the
20 brake shoes produced to the point the friction forces were less than the downhill weight
21 component and the truck started rolling slowly downhill.” (*Id.*) The parking brakes, which should
22 have been triggered by the loss of pressure below 60 psi, did not activate. (*Id.* at 7.) Dr. Granda
23 further opines that despite the loss of pressure, the brakes still kept 55 psi, resulting in “some
24 braking forces acting all the way down. These, combined with opposing forces when the truck hit
25 a telephone pole, uprooted a tree, dragged it underneath and cracked a retaining barrier contributed
26 to dissipate the” energy the truck had from its descent, which is why the truck did not roll through
27 the house. (*Id.*) Dr. Granda opines that on inspection, the truck had a defective air brake system.
28 (*Id.* at 10.)

1 Dr. Granda further opines that the NICS failed to consider fault conditions besides the low
2 pressure and electrical failure in determining when to trigger the parking brakes, such as incline,
3 velocity, or acceleration. (Granda Report at 8.) If the parking brakes had activated, the death
4 would not have occurred. (Id. at 9.) Thus, once the NICS was activated and engaged, there
5 should have been other backup systems that triggered the parking breaks. (Id. at 11.)

6 Mr. Herbert, an expert in commercial motor vehicle safety standards, opined that the NICS
7 “is not designed to be used as a parking brake,” and that “[d]ue to the complexity of the setup, the
8 propensity for malfunctions due to failed components, and broken or otherwise compromised air
9 lines and connections, is tremendous[.]” (Westfall Decl. ISO Mot. to Strike, Exh. 5 (“Herbert
10 Report”) at 7-8.) Mr. Herbert opines that the air compressor was creating pressure intermittently,
11 indicating a probable malfunction of the air pressure governor or other air system component
12 designed for maintaining an adequate supply of pressurized air for the braking system. (Id. at 8-
13 9.) Due to a likely leak, the truck began to roll because the air system failed to maintain sufficient
14 pressure, allowing the brakes to partially release. (Id. at 9.)

15 Mr. Herbert further opines that the only effective and safe way to prevent unintended
16 movement of the Subject Vehicle is to apply the parking brakes prior to exiting the vehicle.
17 (Herbert Report at 9.) He thus believes that “there must be very clear and concise warnings
18 prominently displayed in a very conspicuous location within the cab,” which “should very clearly
19 state that [the NICS] system must never be used to immobilize the truck if the driver is going to
20 exit the vehicle.” (Id. at 8.) Further, the warning should state that drivers should never exit the
21 vehicle without applying the parking brakes. (Id. at 9-10.)

22 Finally, Dr. Nemire, an experimental psychologist and human factors engineer, opines that
23 Decedent failed to apply the parking brakes before exiting the Subject Vehicle. (Westfall Decl.
24 ISO Mot. to Strike, Exh. 4 (“Nemire Report”) at 5.) He further finds that the NICS system had a
25 confusing design, in that it was unclear whether the NICS applied the service brake or the parking
26 brake. (Id.) Dr. Nemire opines that Defendant could have obviated the confusion by having the
27 NICS automatically set the parking brake or wheel chocks when engaged, or to warn users of the
28 need to set the parking brakes or wheel chocks when exiting the vehicle. (Id. at 6-8.)

1 moving party will have the burden of proof at trial, it must affirmatively demonstrate that no
2 reasonable trier of fact could find other than for the moving party. *Southern Calif. Gas. Co. v.*
3 *City of Santa Ana*, 336 F.3d 885, 888 (9th Cir. 2003).

4 On an issue where the nonmoving party will bear the burden of proof at trial, the moving
5 party may discharge its burden of production by either (1) “produc[ing] evidence negating an
6 essential element of the nonmoving party’s case” or (2) after suitable discovery, “show[ing] that
7 the nonmoving party does not have enough evidence of an essential element of its claim or defense
8 to discharge its ultimate burden of persuasion at trial.” *Nissan Fire & Marine Ins. Co., Ltd., v.*
9 *Fritz Cos., Inc.*, 210 F.3d 1099, 1106 (9th Cir. 2000); see also *Celotex*, 477 U.S. at 324-25.

10 Once the moving party meets its initial burden, the opposing party must then set forth
11 specific facts showing that there is some genuine issue for trial in order to defeat the motion. See
12 *Fed. R. Civ. P. 56(e)*; *Anderson*, 477 U.S. at 250. “A party opposing summary judgment may not
13 simply question the credibility of the movant to foreclose summary judgment.” *Far Out Prods.,*
14 *Inc. v. Oskar*, 247 F.3d 986, 997 (9th Cir. 2001). “Instead, the non-moving party must go beyond
15 the pleadings and by its own evidence set forth specific facts showing that there is a genuine issue
16 for trial.” *Id.* (citations and quotations omitted). The non-moving party must produce “specific
17 evidence, through affidavits or admissible discovery material, to show that the dispute exists.”
18 *Bhan v. NMS Hosps., Inc.*, 929 F.2d 1404, 1409 (9th Cir. 1991). Conclusory or speculative
19 testimony in affidavits and moving papers is insufficient to raise a genuine issue of material fact to
20 defeat summary judgment. *Thornhill Publ’g Co., Inc. v. Gen. Tel. & Electronics Corp.*, 594 F.2d
21 730, 738 (9th Cir. 1979).

22 In deciding a motion for summary judgment, a court must view the evidence in the light
23 most favorable to the nonmoving party and draw all justifiable inferences in its favor. *Anderson*,
24 477 U.S. at 255; *Hunt v. City of Los Angeles*, 638 F.3d 703, 709 (9th Cir. 2011).

25 III. DISCUSSION

26 A. Motion to Strike

27 i. Timeliness

28 Defendant seeks to exclude expert opinions that were not timely disclosed. Federal Rule

1 of Civil Procedure 26(a)(2) governs the disclosure of expert testimony, while Rule 26(e) governs
2 the supplementation of expert disclosures. Rule 37(c)(1) provides that “[i]f a party fails to provide
3 information or identify a witness as required by Rule 26(a) or (e), the party is not allowed to use
4 that information or witness to supply evidence on a motion, at a hearing, or at a trial, unless the
5 failure was substantially justified or is harmless.” Fed. R. Civ. P. 37(c)(1). Thus, “Rule 37(c)(1)
6 gives teeth to these requirements by forbidding the use at trial of any information required to be
7 disclosed by Rule 26(a) that is not properly disclosed.” *Hoffman v. Constr. Protective Servs.*, 541
8 F.3d 1175, 1179 (9th Cir. 2008) (internal quotations omitted).

9 First, Defendants seek the exclusion of Dr. Granda’s September 10, 2019 report, entitled:
10 “Rebuttals to Defense Expert Reports in the Civil Case: Tolliver v. Crane Carrier.” (See Westfall
11 Decl. ISO Mot. to Strike, Exh. 1 (“Granda Rebuttal Report”), Dkt. No. 59-1.) This report was
12 provided to Defendant on September 10, 2019, after the August 23, 2019 deadline for disclosure
13 of rebuttal expert reports. (See Westfall Decl. ISO Mot. to Strike, Exh. 2; Dkt. No. 53.)

14 To the extent Dr. Granda’s September 10, 2019 report is a rebuttal to Defendant’s expert
15 reports, exclusion is warranted per Rule 37(c)(1). Plaintiffs’ suggestion that Dr. Granda’s report is
16 merely a “supplement” rather than a rebuttal is unpersuasive; the report is literally titled “Rebuttals
17 to Defense Expert Reports,” and has specific sections titled: “I. Rebuttal to Mr. Thomas Braun
18 Report,” “III. Rebuttal Comments to Mr. Focha’s Report,” “Rebuttal to Expert Solomon,” and
19 “Rebuttal to Expert Robertson.” (Granda Rebuttal Report at 1, 13, 21, 22.) Plaintiffs themselves
20 refer to the report as the “Granda Rebuttal” in their opposition to the motion for summary
21 judgment. (See Plfs.’ Opp’n to MSJx at 3.) The majority of the report is focused on contradicting
22 the conclusions of Defendant’s experts, quoting or summarizing portions of their findings and
23 explaining why it is incorrect. (See Granda Rebuttal Report at 1-7, 13-22.)

24 In the alternative, Plaintiffs contend that the late disclosure was justified and harmless
25 because they reasonably believed the Court would agree that the disclosures were supplemental
26 rather than a rebuttal. (Plfs.’ Opp’n to Mot. to Strike at 8.) As explained above, the Court
27 disagrees because portions of Dr. Granda’s September 10, 2019 report were clearly a direct
28 rebuttal to Defendant’s experts’ opinions. Plaintiffs also suggest that there is no prejudice because

1 Defendant was able to depose Mr. Granda on September 11, 2019 – one day after the report was
2 provided – and the Court could reopen discovery to allow for further deposition. (Id. at 9-10.)
3 The Court again disagrees; providing the report at such a late stage gave Defendant little time to
4 prepare for the deposition, and requiring that Defendant incur the costs of deposing Dr. Granda
5 again is not harmless. Accordingly, the Court finds that exclusion is warranted, with the exception
6 of Section II (pages 7-12) of the September 10, 2019 report. This Section, “Rebuttal to Mr.
7 Braun’s Comments on My Report,” are a proper supplementation, as they explain why the
8 criticisms of Dr. Granda’s original report by Defendant’s expert are incorrect and further explain
9 the basis for Dr. Granda’s prior conclusions.

10 Second, Defendant seeks the exclusion of certain deposition testimony by Dr. Kenneth
11 Nemire and Mr. Paul Herbert because “Dr. Nemire offered new opinions about biomechanics and
12 accident reconstruction” while “Mr. Herbert offered new opinions and theories, including those
13 about the ‘deceptive’ nature of the [NICS], the functionality of the truck’s hydraulics when the
14 parking brake is set, purported ‘under-pressurizing’ of the pressure regulator in the [NICS], and
15 critiques of defense expert opinions.” (Def.’s Mot. to Strike at 4.) Defendant does not identify
16 where these opinions are in the testimony, such that the Court has no practical way of determining
17 whether these opinions are “new.” It is not the Court’s responsibility to comb through seventy
18 pages of deposition testimony and compare it with two expert reports. The Court, therefore,
19 denies Defendant’s motion to exclude the unspecified deposition testimony of Dr. Nemire and Dr.
20 Herbert.

21 **ii. Reliability**

22 a. Dr. Granda

23 Defendant argues generally that Dr. Granda’s opinions should be stricken because he is not
24 qualified to perform accident reconstruction or opine about the Subject Vehicle. (Def.’s Mot. to
25 Strike at 6-9.) First, Defendant contends that Dr. Granda has no expertise in the operation and
26 design of commercial vehicle braking systems manufactured in 1994, and has not worked on
27 accident reconstruction cases involving commercial vehicles. (Id. at 6.) The Court finds
28 Defendant’s argument relies on too narrow an understanding of the scientific methodologies

1 applicable in this case. Dr. Granda’s report, specifically the accident reconstruction, does not
2 appear to rely or require knowledge of how commercial vehicles work, but “on the basic
3 engineering principles such as the laws of Physics used and accepted in the industry known as
4 Statics and Dynamics, Vehicle Dynamics and Design and equations that control the motion of
5 vehicles.” (Granda Report at 5.) Dr. Granda further explains that the computer simulations used
6 to recreate the accident “are controlled by the laws of physics and the mathematics behind them.”
7 (Id. at 6.) Thus, the accident reconstruction is primarily based on physics, mathematics, and
8 engineering principles, which Defendant does not suggest Dr. Granda is deficient. Moreover, to
9 the extent Defendant suggests Dr. Granda has insufficient expertise in the braking systems, the
10 Court notes that Dr. Granda lays out the Subject Vehicle’s brake system in pages 22-29 of his
11 report. Defendant does not suggest that his understanding is incorrect, and it is not apparent to the
12 Court that specialized knowledge in brake systems specifically manufactured in 1994 is necessary
13 for Dr. Granda to apply basic principles of physics, engineering, and mathematics to this case.

14 Second, Defendant argues that several of Dr. Granda’s “alternative feasible designs”
15 require pre-existing systems that Dr. Granda asserts are part of the Subject Vehicle, but are in fact
16 not. (Def.’s Mot. to Strike at 7.) For example, Dr. Granda states that the Subject Vehicle is
17 equipped with an anti-lock brake system, an electronic control unit, and a back-up sensor, but
18 Defendant states that it is not. (Id.) As discussed below, this specific testimony is problematic,
19 but does not suggest that Dr. Granda’s entire report must be stricken. Defendant does not explain
20 how these findings would affect the remainder of Dr. Granda’s opinions.

21 Third, Defendant contends that Dr. Granda’s opinions “hinge on a key misunderstanding
22 of how the truck works.” (Def.’s Mot. to Strike at 7.) Defendant points to Dr. Granda’s
23 conclusion that the NICS was activated and engaged, and that a “catastrophic air loss” from 110
24 psi to 55 psi caused the truck to have “partial braking” as it rolled down the hill. (Id.)³ Defendant
25 argues, however, that Dr. Granda does not explain how the air pressure loss then affects the

26
27 ³ The Court notes Defendant’s erroneous citation. Defendant cites to page 9 of the Granda Report,
28 which does not appear to have any information about “catastrophic air loss” or a change of psi
from 110 to 55.

1 pressure being supplied to the service brakes through the pressure regulator. (Id.) Defendant
2 suggests this is significant because the pressure regulator would have applied a specified, preset
3 pressure of 45 psi to the brakes. (Id. at 7-8.) It is not clear from Defendant’s explanation what
4 this would have changed, how it should have affected Dr. Granda’s conclusions, or why it shows
5 Dr. Granda is fundamentally unqualified. Rather, this appears to be an issue for the experts to
6 present and for a jury to decide.

7 Accordingly, the Court denies Defendant’s request to strike Dr. Granda’s opinion as a
8 whole.

9 b. Opinions about Events Preceding the Subject Vehicle Rolling

10 Defendant next challenges the expert opinions as “unhelpful” because they rely on
11 inadmissible hearsay testimony from Mr. Herrera. (Def.’s Mot. to Strike at 10-12.) Despite the
12 efforts of both counsel, Mr. Herrera has not been deposed or successfully subpoenaed in this case.
13 (Id. at 1 n.1.) Defendant argues that the experts rely on the inconsistent statements of Mr. Herrera
14 in forming their opinions, such as how long the truck was stopped, whether the work brake was in
15 use, and where Decedent was located when the truck began to roll. (Id. at 11-12.) Defendant
16 generally fails to identify which of Plaintiffs’ experts’ opinions relied on these alleged
17 inconsistencies, or explain how the inconsistencies would change their conclusions. With respect
18 to whether the NICS was engaged, this is a question of fact that, as discussed below, has other
19 evidence in support even excluding Mr. Herrera’s statements.⁴ Defendant also fails to cite any
20 authority that suggests an expert opinion must be excluded if it contains any inadmissible hearsay
21 testimony.⁵ Thus, the Court cannot find that the opinions must be completely stricken.

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23 ⁴ The Court observes that despite Mr. Herrera’s inconsistent statements to the investigators,
24 including the City of Berkeley, BPD, and CHP, Defendant still relies on the findings of those
25 entities, which likewise would have to rely in part on Mr. Herrera’s statements. (See Def.’s MSJx
26 at 11-13.)

27 ⁵ Defendant cites to *Claar v. Burlington N. R.R.*, 29 F.3d 499 (9th Cir. 1994), but fails to provide a
28 pincite. This is a common problem throughout Defendant’s briefing. (See also Def.’s Mot. to
Strike at 8-9, 19-21.) It is not the Court’s role to read entire cases to determine what specific page
Defendant is relying on. In reviewing *Claar*, the Court finds that the case does not specifically
address expert opinions that cite to hearsay testimony. Instead, the experts failed to explain their
reasoning and methods, did not rule out possible causes for injuries despite admitting “that this
step would be standard procedure before arriving at a diagnosis,” failed to discuss the majority of

1 c. Specific Opinions of Dr. Granda

2 Next, Defendant challenges specific opinions of Dr. Granda. First, Defendant argues that
3 Dr. Granda found, without explanation, that certain tire marks near 90 Parnassus Road were
4 “proof” that the NICS engaged. (Def.’s Mot. to Strike at 12.) As explained by Plaintiffs,
5 however, skid marks cannot be created without the application of brakes; thus, at the very least,
6 the skid marks show where the Subject Vehicle braked. Based on other information, such as the
7 NICS needing to be activated to perform garbage collection activities, Dr. Granda could find that
8 the NICS was engaged. The Court will not exclude this conclusion, although Defendant is free to
9 cross-examine Dr. Granda on this issue, including whether the skid marks could have been
10 activated by stepping on the foot pedal.

11 Second, Defendant challenges Dr. Granda’s conclusions regarding Decedent’s and Mr.
12 Herrera’s garbage collecting activities when the Subject Vehicle began to roll. (Def.’s Mot. to
13 Strike at 14.) Dr. Granda found that both workers were dumping garbage on the back of the
14 Subject Vehicle, relying on the location of the garbage cans and garbage. (Granda Report at 35-
15 37.) Defendant argues that Dr. Granda’s conclusion is false because there was only one garbage
16 can on the Subject Vehicle’s loading compartment in the pictures. (Def.’s Mot. to Strike at 14-
17 15.) Dr. Granda, however, explained that there was both one undumped garbage can on the right
18 side of the loading compartment and garbage on the left hand side, suggesting one can was already
19 emptied. (Granda Report at 34-37.)

20 Third, Defendant argues Dr. Granda relied on cherry-picked and invented facts in forming
21 his accident reconstruction simulation. (Def.’s Mot. to Strike at 15-18.) For example, Defendant
22 suggests that the simulations failed to account for numerous forces that could have slowed the
23 Subject Vehicle down, such as shrubs and trees and the utility pole. (Id. at 17.) Dr. Granda,
24 however, specifically denied that he did not take into account the tree stump and other trees,
25 explaining that he “g[a]ve the tree the benefit of the doubt that . . . it may affect the speed of the
26 truck instead of just running it over . . .” (Westfall Decl., Exh. 3 (“Granda Dep.”) at 235:13-

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28 the medical conditions alleged by the plaintiffs, and formed their opinions before reading the
relevant literature. Id. at 501-02.

1 237:15.) Thus, he put in values that would slow the Subject Vehicle down, but not stop it
2 completely. Indeed, he even explains that he “g[a]ve the tree the maximum power possible to stop
3 the truck without stopping the truck . . . right there . . .” (Id. at 238:15-25.) Likewise, Defendant
4 also argues Dr. Granda did not take account of the cross-slope, but Dr. Granda explained why it
5 was not necessary. (See Def.’s Mot. to Strike at 17; Granda Dep. at 233:24-234:24.) To the extent
6 Defendant disagrees, this is a matter of expert opinion, not a sign of unreliability. Defendant also
7 argues that Dr. Granda’s simulation failed to adequately address the force acting against the
8 Subject Vehicle when it dropped off the three-foot high retaining wall, suggesting that “[a]lthough
9 Dr. Granda insisted that his simulation took into account the retaining wall where the truck came
10 to rest, even a cursory review of his simulation demonstrates that he failed to adequately do so.”
11 (Def.’s Mot. to Strike at 17.) This conclusory statement that a “cursory review of his simulation”
12 would contradict Dr. Granda’s statement is not grounds for excluding the opinion.

13 d. Alternative Designs

14 Defendant also generally challenges Dr. Granda’s and Dr. Nemire’s opinions about
15 alternative designs. (Def.’s Mot. to Strike at 18-20.) With respect to Dr. Granda, Defendant
16 contends that Dr. Granda suggested alternative designs that relied on the Subject Vehicle being
17 equipped with certain preexisting systems, specifically the anti-lock brake system, the electronic
18 control unit, and the back-up sensor. The Subject Vehicle, however, did not have those devices,
19 and thus it is not clear such alternative designs would be feasible. For the first time at the hearing,
20 Plaintiffs seemed to argue that there is a question of fact regarding whether the Subject Vehicle
21 has those systems. Plaintiffs’ opposition, however, provides no evidence or argument suggesting
22 that such a factual dispute exists. Therefore, the Court agrees such opinions must be excluded, as
23 alternative designs that are specifically reliant on such systems existing would not be based on the
24 facts of this case. Other alternative designs, however, such as inclusion of an incline detection
25 sensor, forward motion sensor, and velocity sensor, do not appear dependent on these systems, and
26 thus are admissible.

27 Defendant also suggests that testing is required for any opinions about alternative designs
28 to be admissible, relying on *Winters v. Fru-Con Inc.*, 498 F.3d 734 (7th Cir. 2007). (Def.’s Mot.

1 to Strike at 19.) The Seventh Circuit, however, specifically stated:

2 [W]e have **not** mandated alternative design testing as an absolute
3 prerequisite to the admission of expert testimony because the
4 Daubert inquiry is a flexible inquiry. There could be situations
5 where the district court determines the proposed expert’s testimony
6 regarding an alternative design is reliable despite a lack of testing of
7 the alternative design because the expert has adhered to the
standards of intellectual rigor that are demanded in his or her
professional work, such as relying on the data generated by other
researchers, making proper personal observations or taking other
appropriate actions.

8 Id. at 742-43 (internal quotation omitted).

9 Here, the Court finds that the failure to test does not require that Dr. Nemire’s and Dr.
10 Granda’s opinions on alternative designs be stricken. Dr. Nemire, for example, suggested the
11 alternative design of having the NICS activate the parking brake, noting that Defendant “already
12 had designed a version of the NI[C]S that automatically set the parking brake.” (Nemire Report at
13 6.) Dr. Nemire also suggested a design where wheel chocks or other mechanical restraints are
14 automatically placed when the truck is parked on an incline, citing to a study. (Id. at 8.) Thus,
15 even absent testing, there are indicia that the alternative designs are reliable. To the extent
16 Defendant seeks to challenge such opinions, they may present expert testimony for a jury to
17 decide.

18 e. Propensity

19 Finally, Defendant seeks to exclude Mr. Herbert’s and Dr. Nemire’s testimony regarding
20 propensity. (Def.’s Mot. to Strike at 20.) Mr. Herbert opined that the NICS had “a high
21 propensity for failure,” pointing “to the complexity of the setup, the propensity for malfunctions
22 due to failed components, and broken or otherwise compromised air lines and connections.”
23 (Herbert Report at 8.) Defendant contends that in his deposition, “Mr. Herbert conceded that his
24 only basis for this statement is the number of components involved in the [NICS]. He agreed that
25 complexity does not necessarily translate to high failure rate.” (Def.’s Mot. to Strike at 20.)
26 Defendant mischaracterizes Mr. Herbert’s testimony as he did not concede the latter point. Mr.
27 Herbert explained that he was trying to articulate that “[t]he more components that are in there the
28 more potential there is for failure.” (Westfall Decl. ISO Mot. to Strike, Exh. 7 (“Herbert Dep.”) at

1 183:19-25.) With respect to failure, Mr. Herbert did not state that complexity would not
2 necessarily translate to a higher failure rate, but that complexity did not mean it would be difficult
3 to use. (Id. at 183:25-184:3.) The Court denies Defendant’s request to strike Mr. Herbert’s
4 opinion.

5 Dr. Nemire found there was likely to be confusion regarding whether the NICS applies the
6 parking brake or service brake. (Nemire Report at 5-6.) In so finding, Dr. Nemire pointed to Mr.
7 Herrera’s own confusion, evidence that other drivers did not understand the basics of the NICS,
8 Mr. Carpenter’s (Defendant’s person most knowledgeable witness) observations that drivers were
9 only using the NICS to hold their trucks in position and not applying the parking brake, and other
10 studies regarding automated system and feedback. (Id. at 5.) Thus, Dr. Nemire’s opinions have a
11 factual basis. To the extent Defendant argues there may be contradictory evidence, these are
12 questions of fact for the jury to decide. (See Def.’s Mot. to Strike at 21.) Further, the Court finds
13 that Defendant’s case authority is distinguishable. For example, in *Graves v. Mazda Motor Corp.*,
14 the district court excluded the expert’s opinion on propensity of confusion because his opinion
15 repeatedly relied on “human factors,” yet his human factors analysis was not based on any analysis
16 of objective data. 675 F. Spp. 2d 1082, 1102-03 (W.D. Okla. 2009). Here, in contrast, there are
17 facts and studies that Dr. Nemire did analyze and from which he made his conclusions. Thus, the
18 Court denies Defendant’s request to strike Dr. Nemire’s opinion.

19 **B. Motion for Summary Judgment**

20 **i. Causation**

21 Defendant argues that summary judgment should be granted because there is no evidence
22 of causation, specifically that “there is no evidence that the air pressure was low, the [NICS] was
23 engaged, or the gear shifter was unintentionally moved when the truck began to roll.” (Def.’s
24 MSJx at 10.) The Court finds there is sufficient evidence to create disputes of material facts.

25 First, with respect to the NICS system, there is evidence for a trier of fact to find that the
26 NICS was activated and engaged. Even excluding Mr. Herrera’s inconsistent statements,
27 Plaintiffs point to other evidence that the NICS was in use. For example, Mr. Carpenter testified
28 that the NICS had to be used to collect garbage, as features required for the body requires the

1 NICS to turn on the hydraulics. (Carpenter Decl. at 65:18-66:24.) Dr. Granda also opined that if
2 the truck was able to freely roll downhill, as it would in third gear, it would have caused
3 tremendous damage to the house at 90 Parnassus Road. (Granda Report at 7.) Instead, the truck
4 moved more slowly because there were braking forces acting all the way down, which Plaintiffs
5 assert was due to the NICS applying the service brakes as the parking brakes were not in use. (Id.)

6 Second, with respect to the air pressure, there is no inconsistency in Mr. Herrera's
7 statements that there was an unusual hissing sound before the truck began to roll. Dr. Granda also
8 points to the pressure gauge, which indicated that the pressure on the air brake system was
9 between 55 and 60 psi. (See Granda Report at 6, 47.) To the extent Defendant argues that there
10 was no defect to the air pressure system (or any other system) based on the Berkeley, CHP, and
11 BPD reports, this is a question of fact for the jury to decide. (See Def.'s MSJx at 12-13; Def.'s
12 Reply at 7.) For example, Dr. Granda reviewed the CHP investigation and found that the air leaks
13 found were significant, disagreeing with the CHP's conclusion of no significance. (Granda Report
14 at 72-75.) Finally, while Defendant argues that Plaintiff's experts did not calculate at what psi the
15 brakes would no longer hold, it is not clear how this is significant when there can be no dispute
16 that the brakes did not completely hold, given that the Subject Vehicle would not have rolled if the
17 brakes had held. (See Def.'s MSJx at 12-13.)

18 Finally, whether the gear shifter moved is also a question of fact for a jury to decide.
19 While Defendant may point to the CHP and Berkeley investigations that found the transmission
20 shifter was in the third gear when the truck began to roll, Plaintiffs can point to Dr. Granda's
21 expert report explaining how the lever could have been moved from neutral to third gear after the
22 Subject Vehicle rolled. (See Granda Report at 51-52.)

23 Ultimately, Defendant's arguments are largely disagreements with Plaintiff's theory of the
24 case by pointing to other reports, including the Berkeley, CHP, and BPD reports, which disagree
25 with the opinions of Plaintiff's experts. Such questions must be decided by a jury, and are not
26 appropriately determined at summary judgment. The Court concludes that there is sufficient
27 evidence of causation for this issue to be decided by a jury.

28

1 **ii. Failure to Warn**

2 In the alternative, Defendant seeks summary judgment on Plaintiff’s failure to warn claim
3 because Plaintiff was a “sophisticated user.” (Def.’s MSJx at 15.) In general, “manufacturers
4 have a duty to warn consumers about the hazards inherent in their products. The requirement’s
5 purpose is to inform consumers about a product’s hazards and faults of which they are unaware, so
6 that they can refrain from using the product altogether or evade the danger by careful use.”
7 *Johnson v. Am. Standard, Inc.*, 43 Cal. 4th 56, 64 (2008). Manufacturers may be held “strictly
8 liable for injuries caused by their failure to warn of dangers that were known to the scientific
9 community at the time they manufactured and distributed their product.” *Id.*

10 The “sophisticated user” defense, however, “exempts manufacturers from their typical
11 obligation to provide product users with warnings about the products’ potential hazards.”
12 *Johnson*, 43 Cal. 4th at 65. Thus, “[a] manufacturer is not liable to a sophisticated user of its
13 product for failure to warn of a risk, harm, or danger, if the sophisticated user knew or should have
14 known of that risk, harm, or danger.” *Id.* at 71. Under this standard, “there will be some users
15 who were actually unaware of the dangers.” *Id.*

16 The Court finds that Defendant has established that Plaintiff was a “sophisticated user,”
17 such that there was no duty to warn. Plaintiff argues that Defendant should have placed a warning
18 that the NICS should not be used as a parking brake, and that drivers should not leave the vehicle
19 without applying the parking brake. (Pl.’s Opp’n to MSJx at 22.) As Defendant argues, however,
20 Decedent was a sophisticated user who knew “how to properly park the vehicle before exiting the
21 cab,” including applying the parking brake before exiting the truck’s cab. (Def.’s MSJx at 17.)

22 Here, Decedent was a long-time garbage truck driver, who would help train other drivers
23 on the operation of the garbage trucks, including the Subject Vehicle. (Westfall Decl. ISO MSJx,
24 Exh. 11 (“Zavaterro Dep.”) at 25:13-23.) In that training, drivers were told they could use the
25 NICS only on flat areas, but that on hills, they should also use the parking brake or wheel chocks.
26 (Zavaterro Dep. at 30:14-31:16; Westfall Decl. ISO MSJx, Exh. 14 (“Marquina Dep.”) at 27:18-22
27 (“Q: As a helper and driver, did you receive training from the City of Berkeley about whether or
28 not you should use the parking brake and wheel chocks on hills and inclines? A: Yes.”); Siegel

1 Decl., Exh. 5 (“Carr Dep.”) at 20:10-14 (“Q: If you were on a steep hill, though, or incline, you’d
2 use the parking brake. Is that what I hear? A: Yeah, I mean, in most cases you would use a
3 parking brake.”), Dkt. No. 63.) Significantly, Decedent in fact trained other drivers that on hills,
4 they should “put it in neutral interlock, **hit that parking brake.**” (Zavaterro Dep. at 31:24-32:6.)
5 Thus, Decedent had actual knowledge that the NICS did not activate the parking brake, and that he
6 had to set the parking brake separately, particularly on hills.

7 To the extent Plaintiff presents evidence that some individuals were unclear about how the
8 NICS worked and the lack of training on the NICS specifically, this does not show that Decedent
9 himself was confused or that he did not know he was supposed to be using the parking brake
10 separate from the NICS. (See Pl.’s Opp’n to MSJx at 5.) Again, Decedent trained other drivers to
11 use the parking brake on the hills, separate from the NICS. (See Zavaterro Dep. at 31:24-32:6.)
12 Likewise, Plaintiffs’ evidence that drivers did not use the parking brake when they were supposed
13 to does not go to lack of knowledge. (Pl.’s Opp’n to MSJx at 6.) Evidence that other individuals,
14 such as mechanics or Berkeley’s Occupational Health and Safety Officer, do not go to whether
15 Decedent was a sophisticated user. (Id. at 6-7.)

16 In the alternative, Plaintiff argues that the sophisticated user defense can be undermined
17 where “the sophisticated user’s misuse of the product was foreseeable,” citing to *In re Related*
18 *Asbestos Cases*, 543 F. Supp. 1142 (N.D. Cal. 1982). (Pl.’s Opp’n to MSJx at 24.) There,
19 however, the misuse was focused solely on whether an employee can negate the sophisticated user
20 defense where his employer was the sophisticated user, and the employer’s misuse of the product
21 was foreseeable; in other words, foreseeable misuse is considered when a plaintiff’s employment
22 relationship with a sophisticated intermediary would otherwise shield a manufacturer from
23 liability. 543 F. Supp. at 1151; see also *Pfeifer v. John Crane, Inc.*, 220 Cal. App. 4th 1270, 1296
24 (2013); *Cunningham v. Buffalo Pumps*, B198465, 2008 Cal. App. Unpub. LEXIS 9430, at *44
25 (Nov. 24, 2008) (“where . . . the employer, and not the plaintiff, . . . was asserted to have the
26 knowledge . . . the plaintiff may undercut the defense by showing the sophisticated user’s misuse
27 of the product was foreseeable”). Specifically, the defendants had argued that the Navy, as the
28 employer, was aware of the dangers of asbestos, thereby absolving the defendants of liability for

1 failure to warn the Navy’s employees of the products’ dangers. In re Related Asbestos Cases, 543
2 F. Supp. at 1151. The district court found that the California Supreme Court would likely permit a
3 sophisticated user defense provided “that the plaintiffs were permitted to negate the defense by
4 showing that the sophisticated employer’s misuse of the product was foreseeable, and so did not
5 absolve the defendants of liability for failure of the duty to warn.” Id. Plaintiff does not cite any
6 case where the actual *user’s* misuse was foreseeable, and the Court has not found any.⁶ But see
7 Teston v. Valimet, F055889, 2009 Cal. App. Unpub. LEXIS 6986, at *25 (Aug. 28, 2009) (finding
8 the sophisticated user doctrine applicable where the plaintiff argued that his accident was caused
9 by a foreseeable misuse of the defendant’s product).

10 Accordingly, the Court finds summary judgment on Plaintiffs’ failure to warn claim is
11 appropriate.

12 **IV. CONCLUSION**


13 For the reasons stated above, the Court GRANTS IN PART and DENIES IN PART
14 Defendant’s motion to strike, and strikes the following:

- 15 (1) Dr. Granda’s September 10, 2019 rebuttal report, except for Section II; and
- 16 (2) Dr. Granda’s opinion regarding alternative designs which rely on the anti-lock brake
17 system, the electronic control unit, and the back-up sensor.

18 The Court GRANTS Defendant’s motion for summary judgment as to the failure to warn
19 claim, but DENIES Defendant’s motion for summary judgment with respect to all other claims.

20 IT IS SO ORDERED.

21 Dated: November 22, 2019

22 
23 KANDIS A. WESTMORE
24 United States Magistrate Judge

25
26
27 _____
28 ⁶ It is also not clear if the California Supreme Court would adopt the foreseeable misuse argument. In Johnson, the California Supreme Court specifically did not address the issue. 43 Cal. 4th at 69 n.5.